

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 50302/XX/E7
Description of the product (reference - type) : limbali bar/tube 2x50W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

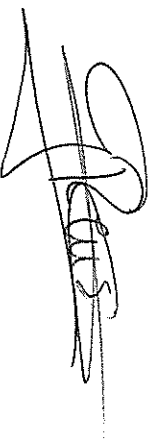
Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015

Signed:



Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514432_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50302XX/E7	Trademark	PHL
Product Group	limball bar/tube nickel 2x50W 230V	Project No	150609
Client Ref No	CD1506091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	
The test results presented in this report relate only to the item(s) tested.			

SECTION

\$ 5 Marking

REPORT REFERENCE	OK	NOK	NA
Rating Labels_16SS5_FamG.PDF	☒	☐	☐

\$ 6 Construction

CB certificate_fixed lighth4324032.50.PDF\	☒	☐	☐
Clause 1.6(4)			

\$ 7 Creepage, distances & clearances

CB certificate_fixed lighth4324032.50.PDF\	☒	☐	☐
Clause 1.7(11)			

\$ 8 Provision for earthing

CB certificate_fixed lighth4324032.50.PDF\	☒	☐	☐
Clause 1.8(7)			

\$ 9 Terminal

CB certificate_fixed lighth4324032.50.PDF\	☒	☐	☐
Clause 1.9(14 & 15)			

\$ 10 External and internal wiring

CB certificate_fixed lighth4324032.50.PDF\	☒	☐	☐
Clause 1.10(5)			

\$ 11 Protection against electric shock

CB certificate_fixed lighth4324032.50.PDF\	☒	☐	☐
Clause 1.11(8)			

\$ 12

Endurance test	CB certificate_fixed lighth4324032.50.PDF\	☒	☐	☐
Thermal test	CB certificate_fixed lighth4324032.50.PDF\	☒	☐	☐
	Clause 1.12(12)			

\$ 13 Resistance to dust & moisture

CB certificate_fixed lighth4324032.50.PDF\	☒	☐	☐
Clause 1.13(9)			

\$ 14 Insulation resistance and electric strength

CB certificate_fixed lighth4324032.50.PDF\	☒	☐	☐
Clause 1.14(10)			

\$ 15 Resistance to heat, fire & tracking

CB certificate_fixed lighth4324032.50.PDF\	☒	☐	☐
Clause 1.15(13)			

CONCLUSION

Complies with the relevant standard(s)?

☒	☐	☐
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COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514432_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50302/XX/E7	Trademark	PHL
Product Group	limbali bar/tube nickel 2x50W 230V	Project No	150609
Client Ref No	CD1506091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS

Class	I	Rated Voltage	230	# Lamps	2	Rated Wattage	50	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	zhihuiliu	Signature	
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐ ☐ ☒

EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐ ☐ ☒

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐ ☐ ☒

EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

☐ ☐ ☒

CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514432_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50302/XX/E7	Trademark	PHL
Product Group	limball bar/tube nickel 2x50W 230V	Project No	150609
Client Ref No	CD1506091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuai.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2,4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

	☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
ElectroMagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

	☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

	☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

	☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

	☐	☐	☒
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CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : **PHILIPS**
Type number : **50303/XX/E7**
Description of the product (reference - type) : **limbali plate/spiral 3x50W 230V**

The undersigned hereby declares that:

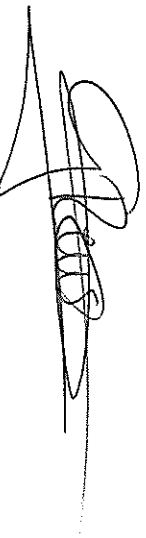
The product described is in conformity with the essential requirements of the below mentioned directives.
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EN 60598-2-1: 1989 Fixed general purpose luminaires

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EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/IEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
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Company stamp

COMPLIANCE REPORT FORM LVD

TEST RECORD			
Report No	CODE0514433_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

QUALITY DEPARTMENT

GENERAL INFORMATION

Article No	50303/XX/E7		Trademark	PHL
Product Group	limball plate/spiral nickel 3x50W 230V		Project No	150610
Client Ref No	CD1506101A01		Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu	
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires			



RATINGS

Class	I	Rated Voltage	230	# Lamps	3	Rated Wattage	50	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	
The test results presented in this report relate only to the item(s) tested.			

SECTION

\$ 5 Marking	REPORT REFERENCE	OK	NOK	NA
	Rating Labels_16SS5_FamG.PDF	☒	☐	☐

\$ 6 Construction	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.6(4)			

\$ 7 Creepage, distances & clearances	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.7(11)			

\$ 8 Provision for earthing	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.8(7)			

\$ 9 Terminal	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.9(14 & 15)			

\$ 10 External and internal wiring	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.10(5)			

\$ 11 Protection against electric shock	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.11(8)			

\$ 12 Endurance test	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.12(12)			

Thermal test	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.12(12)			

\$ 13 Resistance to dust & moisture	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.13(9)			

\$ 14 Insulation resistance and electric strength	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.14(10)			

\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.15(13)			

CONCLUSION

Complies with the relevant standard(s)?	☒	☐	☐
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COMPLIANCE REPORT FORM EMC

QUALITY

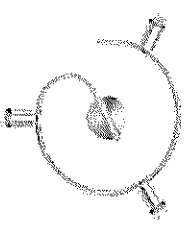
DEPARTMENT

TEST RECORD

Report No	CODE0514433_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50303/XX/E7	Trademark	PHL
Product Group	limbali plate/spiral nickel 3x50W 230V	Project No	150610
Client Ref No	CD1506101A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		



RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	
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The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

OK

NOK

NA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐	☐	☒
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current $\leq 16A$.

☐	☐	☒
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EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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COMPLIANCE REPORT FORM R&TTE

QUALITY

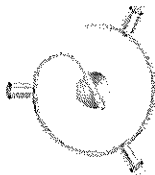
DEPARTMENT

TEST RECORD

Report No	CODE0514433_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50303/XX/E7	Trademark	PHL
Product Group	limball plate/spiral nickel 3x50W 230V	Project No	150610
Client Ref No	CD1506101A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS

Class	I	Rated Voltage	230	# Lamps	3	Rated Wattage	50	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer

zhihu.lu

Signature

zhihu.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

OK

NOK

NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2.4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	PHILIPS
Type number :	50310/XX/E7
Description of the product (reference - type) :	meranti single spot 1x35W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

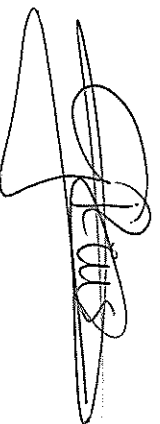
Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015

Signed:



Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD			
Report No	CODE0514436_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50310/XX/E7	Trademark	PHL
Product Group	meranti single spot nickel 1x35W 230V	Project No	150613
Client Ref No	CD1506131A01	Manual No	see BOI
QC Family		Resp. Engineer	zhinhui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS

Class	I	Rated Voltage	230	# Lamps	1	Rated Wattage	35	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer zhnhui.lu Signature

The test results presented in this report relate only to the item(s) tested.

zhnhui.lu

SECTION

REPORT REFERENCE

OK NOK NA

\$ 5 Marking

Rating Labels_16SS5_FamH.PDF

☒ ☐ ☐

\$ 6 Construction

CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)

☒ ☐ ☐

\$ 7 Creepage, distances & clearances

CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)

☒ ☐ ☐

\$ 8 Provision for earthing

CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)

☒ ☐ ☐

\$ 9 Terminal

CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)

☒ ☐ ☐

\$ 10 External and internal wiring

CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)

☒ ☐ ☐

\$ 11 Protection against electric shock

CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)

☒ ☐ ☐

Endurance test

CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)

☒ ☐ ☐

\$ 12

Thermal test

CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)

☒ ☐ ☐

\$ 13 Resistance to dust & moisture

CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)

☒ ☐ ☐

\$ 14 Insulation resistance and electric strength

CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)

☒ ☐ ☐

\$ 15 Resistance to heat, fire & tracking

CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)

☒ ☐ ☐

CONCLUSION

Complies with the relevant standard(s)?

☒ ☐ ☐

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514436_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH178040

GENERAL INFORMATION

Article No	50310XX/E7	Trademark	PHL
Product Group	meranti single spot nickel 1x35W 230V	Project No	150613
Client Ref No	CD1506131A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		



RATINGS

Class	I	Rated Voltage	230	# Lamps	1	Rated Wattage	35	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	zhihuiliu	Signature	
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐	☐	☒
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current $\leq 16A$.

☐	☐	☒
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EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514436_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50310/XX/E7	Trademark	PHL
Product Group	meranti single spot nickel 1x35W 230V	Project No	150613
Client Ref No	CD1506131A01	Manual No	see BOI
QC Family		Resp. Engineer	zhnhui.lu
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		



RATINGS

Class	I	Rated Voltage	230	# Lamps	1	Rated Wattage	35	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	zhnhui.lu	Signature	
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EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

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Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
ElectroMagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements



ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems



EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)



CONCLUSION

Complies with the relevant standard(s)?



CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 50312/XX/E7
Description of the product (reference - type) : meranti bar/tube 2x35W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
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Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/IEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514437_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50312/XX/E7	Trademark	PHL
Product Group	meranti bar/tube nickel 2x35W 230V	Project No	150614
Client Ref No	CD1506141A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1 : 1989 Fixed general purpose luminaires		



RATINGS

Class	I	Rated Voltage	230	# Lamps	2	Rated Wattage	35	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	Zhihui Lu
The test results presented in this report relate only to the item(s) tested.			

SECTION

\$ 5 Marking

REPORT REFERENCE	OK	NOK	NA
Rating Labels_16SS5_FamH.PDF	☒	☐	☐

\$ 6 Construction

CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
Clause 1.6(4)			

\$ 7 Creepage, distances & clearances

CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
Clause 1.7(11)			

\$ 8 Provision for earthing

CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
Clause 1.8(7)			

\$ 9 Terminal

CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
Clause 1.9(14 & 15)			

\$ 10 External and internal wiring

CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
Clause 1.10(5)			

\$ 11 Protection against electric shock

CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
Clause 1.11(8)			

Endurance test

CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
Clause 1.12(12)			

\$ 12

Thermal test

CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
Clause 1.12(12)			

\$ 13 Resistance to dust & moisture

CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
Clause 1.13(9)			

\$ 14 Insulation resistance and electric strength

CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
Clause 1.14(10)			

\$ 15 Resistance to heat, fire & tracking

CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
Clause 1.15(13)			

CONCLUSION

Complies with the relevant standard(s)?

☒	☐	☐
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COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514437_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50312/XX/E7	Trademark	PHL
Product Group	meranti bar/tube nickel 2x35W 230V	Project No	150614
Client Ref No	CD150614/1A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		



RATINGS

Class	I	Rated Voltage	230	# Lamps	2	Rated Wattage	35	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	ZHIHUI.LU	Signature	
------	------------------	-----------	-----------	--

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐	☐	☒
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐	☐	☒
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EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514437_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50312/XX/E7	Trademark	PHL
Product Group	meranti bar/tube nickel 2x35W 230V	Project No	150614
Client Ref No	CD1506141A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		



RATINGS

Class	I	Rated Voltage	230	# Lamps	2	Rated Wattage	35	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM):
Wideband transmission systems: Data transmission equipment
operating in the 2,4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM):
ElectroMagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM):
ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐	☐	☒
-----------------------	-----------------------	----------------------------------

CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :

PHILIPS

Type number :

50240/XX/E1

Description of the product (reference - type) :

coir single spot 1x4.3W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC

EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015

Signed:



Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen

Product Quality Manager

Signature and name

Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD			
Report No	CODE0514443_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50240/XX/E1	Trademark	PHL
Product Group	coir single spot chrome 1x4.3W 230V	Project No	150584
Client Ref No	CD1505841A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
EN 60598-2-1: 1989 Fixed general purpose luminaires			
Standard	EN 62471: 2008 Photobiological safety of lamps and lamp systems		

RATINGS

Class	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4.3	NOT	LED
F-Marking					
Rough Service					
Ta					

APPROVAL BY

Name Quality Engineer ZHIHUI.LU

Signature

The test results presented in this report relate only to the item(s) tested.

SECTION

\$ 5 Marking

REPORT REFERENCE	OK	NOK	NA
Labels_16SS5_FamB.PDF	☒	☐	☐

\$ 6 Construction

CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
Clause 1.6(4)			

\$ 7 Creepage, distances & clearances

CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
Clause 1.7(11)			

\$ 8 Provision for earthing

CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
Clause 1.8(7)			

\$ 9 Terminal

CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
Clause 1.9(14&15)			

\$ 10 External and internal wiring

CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
Clause 1.10(5)			

\$ 11 Protection against electric shock

CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
Clause 1.11(8)			

\$ 12

Endurance test	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
Thermal test	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	Clause 1.12(12)			

\$ 13 Resistance to dust & moisture

CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
Clause 1.13(9)			

\$ 14 Insulation resistance and electric strength

CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
Clause 1.14(10)			

\$ 15 Resistance to heat, fire & tracking

CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
Clause 1.15(13)			

CONCLUSION

Complies with the relevant standard(s)?

☒	☐	☐
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COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514443_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50240/XX/E1	Trademark	PHL	
Product Group	coir single spot chrome 1x4.3W 230V	Project No	150584	
Client Ref No	CD1505841A01	Manual No	see BOI	
QC Family		Resp. Engineer	ZHIHUI.LU	
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009			
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008			
	EN 61547: 2009			

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

EMC and EMF certificate: Zip\4324261.50.PDF

☒	☐	☐
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

EMC and EMF certificate: Zip\4324261.50.PDF

☒	☐	☐
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

EMC and EMF certificate: Zip\4324261.50.PDF

☒	☐	☐
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EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

EMC and EMF certificate: Zip\4324261.50.PDF

☒	☐	☐
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CONCLUSION

Complies with the relevant standard(s)?

☒	☐	☐
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COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514443_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50240/XX/E1	Trademark	PHL
Product Group	coil single spot chrome 1x4.3W 230V	Project No	150584
Client Ref No	CD1505841A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer ZHIHUI.LU

Signature

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM):
Wideband transmission systems; Data transmission equipment
operating in the 2,4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐	☐	☒
☐	☐	☐
☐	☐	☐

ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM):
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

☐	☐	☒
☐	☐	☐
☐	☐	☐

ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM):
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

☐	☐	☒
☐	☐	☐
☐	☐	☐

EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐	☐	☒
☐	☐	☐
☐	☐	☐

CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
☐	☐	☐
☐	☐	☐



EC DECLARATION OF CONFORMITY

PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 50242/XX/E1
Description of the product (reference - type) : coir bar/tube 2x4.3W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514444_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50242/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 2x4.3W 230V	Project No	150585
Client Ref No	CD1505851A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu

EN 60598-2-1: 1989 Fixed general purpose luminaires

Standard

EN 62471: 2008 Photobiological safety of lamps and lamp systems

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer

zhihuiliu

Signature

The test results presented in this report relate only to the item(s) tested.

zhihuiliu

SECTION

REPORT REFERENCE

\$ 5 Marking

Labels_16SS5_FamB.PDF

☒	☐	☐	☐
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\$ 6 Construction

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.6(4)

☒	☐	☐	☐
----------------------------------	-----------------------	-----------------------	-----------------------

\$ 7 Creepage, distances & clearances

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.7(11)

☒	☐	☐	☐
----------------------------------	-----------------------	-----------------------	-----------------------

\$ 8 Provision for earthing

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.8(7)

☒	☐	☐	☐
----------------------------------	-----------------------	-----------------------	-----------------------

\$ 9 Terminal

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.9(14&15)

☒	☐	☐	☐
----------------------------------	-----------------------	-----------------------	-----------------------

\$ 10 External and internal wiring

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.10(5)

☒	☐	☐	☐
----------------------------------	-----------------------	-----------------------	-----------------------

\$ 11 Protection against electric shock

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.11(8)

☒	☐	☐	☐
----------------------------------	-----------------------	-----------------------	-----------------------

\$ 12

Endurance test

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.12(12)

☒	☐	☐	☐
----------------------------------	-----------------------	-----------------------	-----------------------

Thermal test

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.12(12)

☒	☐	☐	☐
----------------------------------	-----------------------	-----------------------	-----------------------

\$ 13 Resistance to dust & moisture

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.13(9)

☒	☐	☐	☐
----------------------------------	-----------------------	-----------------------	-----------------------

\$ 14 Insulation resistance and electric strength

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.14(10)

☒	☐	☐	☐
----------------------------------	-----------------------	-----------------------	-----------------------

\$ 15 Resistance to heat, fire & tracking

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.15(13)

☒	☐	☐	☐
----------------------------------	-----------------------	-----------------------	-----------------------

CONCLUSION

Complies with the relevant standard(s)?

☒	☐	☐	☐
----------------------------------	-----------------------	-----------------------	-----------------------

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514444_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50242XX/E1	Trademark	PHL
Product Group	coir bar/lube chrome 2x4.3W 230V	Project No	150585
Client Ref No	CD1505851A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		



RATINGS

Class	IP	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
	IP20	230	2	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer zhihui.lu

Signature

The test results presented in this report relate only to the item(s) tested.

Zhihui.lu

EMC REQUIREMENTS

REPORT REFERENCE

OK

NOK

NA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

EMC and EMF certificate: Zip\4324261.50.PDF

☒ ☐ ☐

EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

EMC and EMF certificate: Zip\4324261.50.PDF

☒ ☐ ☐

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

EMC and EMF certificate: Zip\4324261.50.PDF

☒ ☐ ☐

EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

EMC and EMF certificate: Zip\4324261.50.PDF

☒ ☐ ☐

CONCLUSION

Complies with the relevant standard(s)?

☒ ☐

QUALITY

100

1 of 1

CNH178040

Abstract

PHL

150585

See BOI

zhihui.lu

[illegible]

ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1

EN 62479:2010

Figure 1

Lamp

NOT

00000000000000000000000000000000

Signature

The test results presented in this report relate only to the item(s) tested.

N/A

ETSI EN 300 328 V1.8.1

ETSI EN 301 489-1 V1.9.2

ETSI EN 301 489-17 V2.2.1

EN 62479:2010

100

Complies with the relevant standard(s)??

[illegible]

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : **PHILIPS**
Type number : **50243/XX/E1**
Description of the product (reference - type) : **coir bar/tube 3x4.3W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

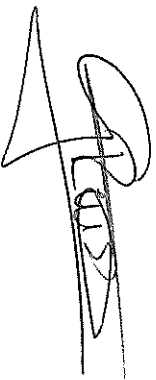
Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514445_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50243/XX/E-1	Trademark	PHL
Product Group	coir bar/tube chrome 3x4.3W/230V	Project No	150586
Client Ref No	CD1505861A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
EN 60598-2-1: 1989 Fixed general purpose luminaires			
Standard	EN 62471: 2008 Photobiological safety of lamps and lamp systems		

5 9 2

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	zhihui.lu
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The test results presented in this report relate only to the item(s) tested.

SECTION

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Labels_16SS5_FamB.PDF	☒	☐	☐

\$ 6 Construction	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.6(4)			

\$ 7 Creepage, distances & clearances	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.7(11)			

\$ 8 Provision for earthing	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.8(7)			

\$ 9 Terminal	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.9(14&15)			

\$ 10 External and internal wiring	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.10(5)			

\$ 11 Protection against electric shock	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.11(8)			

\$ 12	Endurance test	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	Thermal test	\Clause 1.12(12)			
		CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐

\$ 13 Resistance to dust & moisture	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.13(9)			

\$ 14 Insulation resistance and electric strength	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.14(10)			

\$ 15 Resistance to heat, fire & tracking	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.15(13)			

CONCLUSION

Complies with the relevant standard(s)?	☒	☐	☐
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COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514445_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50243/XX/E1	Trademark	PHL	
Product Group	coir bar/tube chrome 3x4.3W 230V	Project No	150586	
Client Ref No	CD1505861A01	Manual No	see BOI	
QC Family		Resp. Engineer	zhihui.lu	
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009			
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008			
	EN 61547: 2009			

RATINGS

Class	I	Rated Voltage	230	# Lamps	3	Rated Wattage	4.3	Lampholder	NOT	Lamp	LED
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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EN 61547: 2009

Equipment for general lighting purposes. EMC Immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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CONCLUSION

Complies with the relevant standard(s)?

☒☐

COMPLIANCE REPORT FORM R&TTE

QUALITY

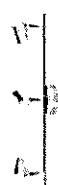
DEPARTMENT

TEST RECORD

Report No	CODE0514445_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50243/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 3x4.3W 230V	Project No	150586
Client Ref No	CD1505861A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS

Class	I	Rated Voltage	230	# Lamps	3	Rated Wattage	4.3	Lampholder	NOT	Lamp	LED
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements	☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems	☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)	☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :

PHILIPS

Type number :

50244/XX/E1

Description of the product (reference - type) :

coir bar/tube 4x4.3W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC

EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

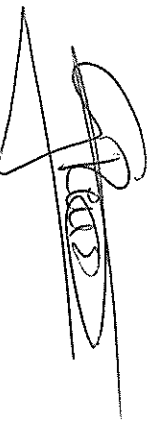
Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015

Signed:



Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD			
Report No	CODE0514446_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50244/XX/E1	Trademark	PHL
Product Group	coil bar/tube chrome 4x4.3W 230V	Project No	150587
Client Ref No	CD1505871A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
EN 60598-2-1: 1989 Fixed general purpose luminaires			
Standard EN 62471: 2008 Photobiological safety of lamps and lamp systems			

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	
------	------------------	-----------	-----------	---

The test results presented in this report relate only to the item(s) tested.

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Labels_16SS5_FamB.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.9(14&15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.11(8)	☒	☐	☐
\$ 12	Endurance test	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.12(12)	☒	☐
	Thermal test	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.12(12)	☒	☐
\$ 13 Resistance to dust & moisture	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?		☒	☐	☐

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514446_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH178040

GENERAL INFORMATION

Article No	50244/XX/E1	Trademark	PHL	
Product Group	coil bar/tube chrome 4x4.3W 230V	Project No	150587	
Client Ref No	CD1505871A01	Manual No	see BOI	
QC Family		Resp. Engineer	zhihui.lu	
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009			

RATINGS

Class	I	Rated Voltage	230	# Lamps	4	Rated Wattage	4.3	Lampholder	NOT	Lamp	LED
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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EN 61547: 2009

Equipment for general lighting purposes. EMC immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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CONCLUSION

Complies with the relevant standard(s)?

☒☐

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514446_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50244/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 4x4.3W 230V	Project No	150587
Client Ref No	CD1505871A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS

Class	I	Rated Voltage	230	# Lamps	4	Rated Wattage	4.3	Lampholder	NOT	Lamp	LED
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	zhihuiliu	Signature	zhihuiliu
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM): Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		☐	☐	☒
---	--	-----------------------	-----------------------	----------------------------------

ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM): Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM): Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒



EC DECLARATION OF CONFORMITY

PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONITICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :

PHILIPS

Type number :

50246/XX/E1

Description of the product (reference - type) :

coir bar/tube 6x4.1W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC

EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015

Signed:

Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen

Product Quality Manager

Signature and name

Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD			
Report No	CODE0514447_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50246/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 6x4.1W 230V	Project No	150588
Client Ref No	CD1505881A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
EN 60598-2-1: 1989 Fixed general purpose luminaires			
Standard	EN 62471: 2008 Photobiological safety of lamps and lamp systems		

RATINGS

Class	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	4.3	NOT
F-Marking					
Rough Service					
Ta					

APPROVAL BY

Name Quality Engineer zhihui.lu

Signature

The test results presented in this report relate only to the item(s) tested.

SECTION

REPORT REFERENCE

OK NOK NA

\$ 5 Marking

Labels_16SS5_FamB.PDF

☒ ☐ ☐

\$ 6 Construction

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.6(4)

☒ ☐ ☐

\$ 7 Creepage, distances & clearances

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.7(11)

☒ ☐ ☐

\$ 8 Provision for earthing

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.8(7)

☒ ☐ ☐

\$ 9 Terminal

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.9(14&15)

☒ ☐ ☐

\$ 10 External and internal wiring

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.10(5)

☒ ☐ ☐

\$ 11 Protection against electric shock

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.11(8)

☒ ☐ ☐

Endurance test

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.12(12)

☒ ☐ ☐

\$ 12

Thermal test

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.12(12)

☒ ☐ ☐

\$ 13 Resistance to dust & moisture

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.13(9)

☒ ☐ ☐

\$ 14 Insulation resistance and electric strength

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.14(10)

☒ ☐ ☐

\$ 15 Resistance to heat, fire & tracking

CB certificate_LED Light.zip\4324032.51.PDF
|Clause 1.15(13)

☒ ☐ ☐

CONCLUSION

Complies with the relevant standard(s)?

☒ ☐ ☐

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514447_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50246/XX/E-1	Trademark	PHL
Product Group	coir bar/tube chrome 6x4.1W 230V	Project No	150588
Client Ref No	CD1505881A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		



RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	
The test results presented in this report relate only to the item(s) tested.				

Zhuhui Lu

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

EMC and EMF certificate. Zip\4324261.50.PDF

☒	☐	☐
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

EMC and EMF certificate. Zip\4324261.50.PDF

☒	☐	☐
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

EMC and EMF certificate. Zip\4324261.50.PDF

☒	☐	☐
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EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

☒	☐	☐
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CONCLUSION

Complies with the relevant standard(s)?

☒	☐
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COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514447_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50246/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 6x4.1W 230V	Project No	150588
Client Ref No	CD1505881A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		

RATINGS

Class	I	Rated Voltage	230	# Lamps	6	Rated Wattage	4.3	Lampholder	NOT	Lamp	LED
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements	☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems	☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)	☐	☐	☒
---	-----------------------	-----------------------	----------------------------------

CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒



EC DECLARATION OF CONFORMITY

PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :

PHILIPS

Type number :

50252/XX/E1

Description of the product (reference - type) :

decacon bar/tube 2x4.3W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC

EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen

Product Quality Manager

Signature and name

Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD			
Report No	CODE0514449_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50252/XX/E1	Trademark	PHL
Product Group	decacon bar/tube nickel 2x4.3W 230V	Project No	150590
Client Ref No	CD1505901A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
EN 60598-2-1: 1989 Fixed general purpose luminaires			
Standard EN 62471: 2008 Photobiological safety of lamps and lamp systems			

RATINGS

Class	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	4.3	NOT
F-Marking					
Rough Service					
Ta					

APPROVAL BY

Name Quality Engineer ZHIHUI.LU

Signature

The test results presented in this report relate only to the item(s) tested.

Zhihui.Lu

SECTION

REPORT REFERENCE

OK NOK NA

\$ 5 Marking

Labels_16SS5_FamC.PDF

OK NOK NA

\$ 6 Construction

CB certificate_LED Light.zip\4324032.51.PDF
Clause 1.6(4)

OK NOK NA

\$ 7 Creepage, distances & clearances

CB certificate_LED Light.zip\4324032.51.PDF
Clause 1.7(11)

OK NOK NA

\$ 8 Provision for earthing

CB certificate_LED Light.zip\4324032.51.PDF
Clause 1.8(7)

OK NOK NA

\$ 9 Terminal

CB certificate_LED Light.zip\4324032.51.PDF
Clause 1.9(14&15)

OK NOK NA

\$ 10 External and internal wiring

CB certificate_LED Light.zip\4324032.51.PDF
Clause 1.10(5)

OK NOK NA

\$ 11 Protection against electric shock

CB certificate_LED Light.zip\4324032.51.PDF
Clause 1.11(8)

OK NOK NA

\$ 12

Endurance test

CB certificate_LED Light.zip\4324032.51.PDF
Clause 1.12(12)

OK NOK NA

Thermal test

CB certificate_LED Light.zip\4324032.51.PDF
Clause 1.12(12)

OK NOK NA

\$ 13 Resistance to dust & moisture

CB certificate_LED Light.zip\4324032.51.PDF
Clause 1.13(9)

OK NOK NA

\$ 14 Insulation resistance and electric strength

CB certificate_LED Light.zip\4324032.51.PDF
Clause 1.14(10)

OK NOK NA

\$ 15 Resistance to heat, fire & tracking

CB certificate_LED Light.zip\4324032.51.PDF
Clause 1.15(13)

OK NOK NA

CONCLUSION

Complies with the relevant standard(s)?

OK NOK NA

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE051449_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50252/XX/E1	Trademark	PHL
Product Group	decaagon bar/tube nickel 2x4.3W 230V	Project No	150590
Client Ref No	CD1505901A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS

Class	I	Rated Voltage		# Lamps		Rated Wattage		Lampholder		Lamp
IP	IP20	230		2		4.3		NOT		LED
F-Marking										
Rough Service										
Ta										

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OK ☐ NOK ☐ NA ☐

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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EN 61547: 2009

Equipment for general lighting purposes. EMC Immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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CONCLUSION

Complies with the relevant standard(s)?

☒ ☐ ☐

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514449_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50252/XX/E1	Trademark	PHL	
Product Group	decacon bar/tube nickel 2x4.3W 230V	Project No	150590	
Client Ref No	CD1505901A01	Manual No	see BOI	
QC Family		Resp. Engineer	ZHIHUILU	
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010			

RATINGS

Class	I	Rated Voltage	230	# Lamps	2	Rated Wattage	4.3	Lampholder	NOT	Lamp	LED
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	ZHIHUILU	Signature	
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services, Part 1: Common technical requirements	☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems	☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)	☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : **PHILIPS**
Type number : **50253/XX/E1**
Description of the product (reference - type) : **decagon bar/tube 3x4.3W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

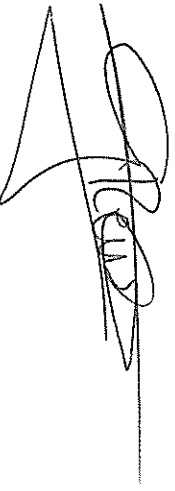
Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD			
Report No	CODE0514450_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	5.03E+07	Trademark	PHL
Product Group	decaagon bar/tube nickel 3x4.3W 230V	Project No	150591
Client Ref No	CD1505911A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LLU
EN 60598-2-1: 1989 Fixed general purpose luminaires			
Standard			
EN 62471: 2008 Photobiological safety of lamps and lamp systems			

RATINGS				
Class	I	Rated Voltage	# Lamps	Rated Wattage
IP	IP20	230	3	4.3
F-Marking				NOT
Rough Service				
Ta				

APPROVAL BY

Name Quality Engineer

Signature

The test results presented in this report relate only to the item(s) tested.

SECTION

REPORT REFERENCE

OK NOK NA

\$ 5 Marking

Labels_16SS5_FamC.PDF

\$ 6 Construction	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.6(4)	☒ ☐ ☐
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\$ 7 Creepage, distances & clearances	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.7(11)	☒ ☐ ☐
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\$ 8 Provision for earthing	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.8(7)	☒ ☐ ☐
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\$ 9 Terminal	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.9(14&15)	☒ ☐ ☐
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\$ 10 External and internal wiring	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.10(5)	☒ ☐ ☐
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\$ 11 Protection against electric shock	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.11(8)	☒ ☐ ☐
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\$ 12	Endurance test	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.12(12)	☒ ☐ ☐
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	Thermal test	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.12(12)	☒ ☐ ☐
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\$ 13 Resistance to dust & moisture	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.13(9)	☒ ☐ ☐
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\$ 14 Insulation resistance and electric strength	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.14(10)	☒ ☐ ☐
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\$ 15 Resistance to heat, fire & tracking	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.15(13)	☒ ☐ ☐
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CONCLUSION

Complies with the relevant standard(s)?

☒ ☐ ☐

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514450_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50253170	Trademark	PHL
Product Group	decaagon bar/tube nickel 3x4.3W 230V	Project No	150591
Client Ref No	CD1505911A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS

Class	I	Rated Voltage	230	# Lamps	3	Rated Wattage	4.3	Lampholder	NOT	Lamp	LED
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	ZHIHUI.LU	Signature	Zhihui.Lu
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

EMC and EMF certificate. Zip\4324261.50.PDF

☒ ☐ ☐

EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

EMC and EMF certificate. Zip\4324261.50.PDF

☒ ☐ ☐

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

EMC and EMF certificate. Zip\4324261.50.PDF

☒ ☐ ☐

EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

EMC and EMF certificate. Zip\4324261.50.PDF

☒ ☐ ☐

CONCLUSION

Complies with the relevant standard(s)?

☒ ☐ ☐

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514450_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50253170	Trademark	PHL	Signature
Product Group	decaagon bar/tube nickel 3x4.3W 230V	Project No	150591	
Client Ref No	CD1505911A01	Manual No	see BOI	
QC Family		Resp. Engineer	ZHIHUI.LU	
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010			

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	Zhihui Lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	☐ ☐ ☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements	☐ ☐ ☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems	☐ ☐ ☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)	☐ ☐ ☒
---	---

CONCLUSION

Complies with the relevant standard(s)?

☐

☐

☒

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 50254/XX/E1
Description of the product (reference - type) : decagon bar/tube 4x4.3W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

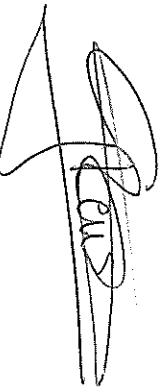
Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 459 10 03

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD			
Report No	CODE0514451_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50254/XX/E1	Trademark	PHL
Product Group	decaagon bar/tube nickel 4x4.3W 230V	Project No	150592
Client Ref No	CD1505921A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
EN 60598-2-1: 1989 Fixed general purpose luminaires			
Standard EN 62471: 2008 Photobiological safety of lamps and lamp systems			

RATINGS				
Class	I	Rated Voltage	# Lamps	Rated Wattage
IP	IP20	230	4	4.3
F-Marking				NOT
Rough Service				
Ta				

APPROVAL BY

Name Quality Engineer ZHIHUI.LU

Signature

Zhihui Lu

The test results presented in this report relate only to the item(s) tested.

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Labels_16SS5_FamC.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.6(4)			
\$ 7 Creepage, distances & clearances	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.7(11)			
\$ 8 Provision for earthing	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.8(7)			
\$ 9 Terminal	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.9(14&15)			
\$ 10 External and internal wiring	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.10(5)			
\$ 11 Protection against electric shock	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.11(8)			
\$ 12	Endurance test	☒	☐	☐
	Thermal test	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.13(9)			
\$ 14 Insulation resistance and electric strength	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.14(10)			
\$ 15 Resistance to heat, fire & tracking	CB certificate_LED Light.zip\4324032.51.PDF	☒	☐	☐
	\Clause 1.15(13)			
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514451_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50254/XX/E-1	Trademark	PHL
Product Group	decaagon bar/tube nickel 4x4.3W 230V	Project No	150592
Client Ref No	CD1505921A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		

RATINGS

Class	IP	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
	IP20	230	4	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	<i>Zhihui Lu</i>
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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EN 61547: 2009

Equipment for general lighting purposes. EMC Immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	☒	☐	☐
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CONCLUSION

Complies with the relevant standard(s)?

☒	☐	☐
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COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514451_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50254/XX/E-1	Trademark	PHL
Product Group	decaagon bar/tube nickel 4x4.3W 230V	Project No	150592
Client Ref No	CD1505921A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHULIU
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		

RATINGS

Class	I	Rated Voltage	230	# Lamps	4	Rated Wattage	4.3	Lampholder	NOT	Lamp	LED
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	ZHIHULIU	Signature	
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 50256/XX/E1
Description of the product (reference - type) : decagon bar/tube 6x4.1W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 1: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

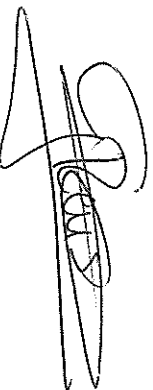
Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgjur 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

TEST RECORD

Report No	CODE0514452_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

QUALITY DEPARTMENT

GENERAL INFORMATION

Article No	50256/XX/E1	Trademark	PHL
Product Group	decacon bar/tube nickel 8x4.1W 230V	Project No	150593
Client Ref No	CD1505931A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS

Class	IP	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
	IP20	230	6	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer ZHIHUI.LU

Signature

The test results presented in this report relate only to the item(s) tested.

SECTION

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Labels_16SS5_FamC.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.9(14&15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.11(8)	☒	☐	☐
\$ 12				
Endurance test	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.12(12)	☒	☐	☐
Thermal test	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.12(12)	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_LED Light.zip\4324032.51.PDF Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514452_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50256/XX/E1	Trademark	PHL
Product Group	decacon bar/tube nickel 6x4, 1W 230V	Project No	150593
Client Ref No	CD1505931A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	☐	☐	☒
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	☐	☐	☒
---	---	-----------------------	-----------------------	----------------------------------

EN 61547: 2009

Equipment for general lighting purposes. EMC Immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	☐	☐	☒
---	---	-----------------------	-----------------------	----------------------------------

CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514452_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50256/XX/E1	Trademark	PHL
Product Group	decaagon bar/tube nickel 6x4.1W 230V	Project No	150593
Client Ref No	CD1505931A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		

RATINGS

Class	I	Rated Voltage		# Lamps		Rated Wattage		Lampholder		Lamp
IP	IP20	230		6		4.3		NOT		LED
F-Marking										
Rough Service										
Ta										

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2.4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐	☐	☒
☐	☐	☐
☐	☐	☐

ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
ElectroMagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

☐	☐	☒
☐	☐	☐
☐	☐	☐

ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

☐	☐	☒
☐	☐	☐
☐	☐	☐

EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐	☐	☒
☐	☐	☐
☐	☐	☐

CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
☐	☐	☐
☐	☐	☐



EC DECLARATION OF CONFORMITY

PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :

PHILIPS

Type number :

59230/XX/E7

Description of the product (reference - type) :

enif recessed 1x50W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC

EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD			
Report No	CODE0514414_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59230/XX/E7		Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V		Project No	150618
Client Ref No	CD1506181A01		Manual No	see BOI
QC Family		Resp. Engineer	zhnhui.lu	
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires			



RATINGS				
Class	II	Rated Voltage	# Lamps	Rated Wattage
IP	IP20	230	1	50
F-Marking				GU10
Rough Service				
Ta				

APPROVAL BY

Name Quality Engineer

Signature

The test results presented in this report relate only to the item(s) tested.

zhnhui.lu

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	CB certificate_Recessed.Zip\4324032.53.PDF	☒	☐	☐
	\copy of marking plate	☒	☐	☐
\$ 6 Construction	CB certificate_Recessed.Zip\4324032.53.PDF	☒	☐	☐
	\Clause 2.7(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_Recessed.Zip\4324032.53.PDF	☒	☐	☐
	\Clause 2.8(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_Recessed.Zip\4324032.53.PDF	☒	☐	☐
	\Clause 2.9(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_Recessed.Zip\4324032.53.PDF	☒	☐	☐
	\Clause 2.10(14&15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_Recessed.Zip\4324032.53.PDF	☒	☐	☐
	\Clause 2.11(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_Recessed.Zip\4324032.53.PDF	☒	☐	☐
	\Clause 2.12(8)	☒	☐	☐
\$ 12	Endurance test	☒	☐	☐
	Thermal test	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_Recessed.Zip\4324032.53.PDF	☒	☐	☐
	\Clause 2.14(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_Recessed.Zip\4324032.53.PDF	☒	☐	☐
	\Clause 2.15(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_Recessed.Zip\4324032.53.PDF	☒	☐	☐
	\Clause 2.16(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?		☒	☐	☐

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514414_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59230XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150618
Client Ref No	CD1506181A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		



RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihuiliu	Signature	zhihuiliu
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

○ ○ ●

EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

○ ○ ●

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current ≤ 16A.

○ ○ ●

EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

○ ○ ●

CONCLUSION

Complies with the relevant standard(s)?

○ ○ ●

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514414_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59230/XX/E7	Trademark	PHL	
Product Group	enif recessed nickel 1x50W 230V	Project No	150618	
Client Ref No	CD1506181A01	Manual No	see BOI	
QC Family		Resp. Engineer	zhihuiliu	
Standard	ETSI EN 300 328 V1.8.1			
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1			
	EN 62479:2010			

RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihuiliu	Signature	
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2,4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

OK NOK NA

ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

OK NOK NA

ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

OK NOK NA

EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

OK NOK NA

CONCLUSION

Complies with the relevant standard(s)?

OK NOK NA

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 59233/XX/E7
Description of the product (reference - type) : enif recessed 3x50W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

COMPLIANCE REPORT FORM LVD

TEST RECORD			
Report No	CODE0514415_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

QUALITY DEPARTMENT

GENERAL INFORMATION

Article No	59233/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150621
Client Ref No	CD150621A01	Manual No	see BOI
QC Family		Resp. Engineer	zhnhui.lu
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS				
Class	II	Rated Voltage	# Lamps	Rated Wattage
IP	IP20	230	3	50
F-Marking				GU10
Lamp				NA
Rough Service				
Ta				

APPROVAL BY

Name Quality Engineer

zhnhui.lu

Signature

The test results presented in this report relate only to the item(s) tested.

zhnhui.lu

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	CB certificate_Recessed.Zip\4324032.53.PDF copy of marking plate	☒	☐	☐
\$ 6 Construction	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.7(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.8(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.9(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.10(14&15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.11(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.12(8)	☒	☐	☐
\$ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.13(12)	☒	☐
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.13(12)	☒	☐
\$ 13 Resistance to dust & moisture	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.14(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.15(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.16(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?		☒	☐	☐

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No .	CODE0514415_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59233/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150621
Client Ref No	CD1506211A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer zhihui.lu

Signature

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐ ☐ ☒

EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐ ☐ ☒

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐ ☐ ☒

EN 61547: 2009

Equipment for general lighting purposes.
EMC immunity requirements.

☐ ☐ ☒

CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514415_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59233/XX/E7	Trademark	PHL	☐ ☐ ☐
Product Group	enif recessed nickel 3x50W/230V	Project No	150621	
Client Ref No	CD1506211A01	Manual No	see BOI	
QC Family		Resp. Engineer	zhihui.liu	
Standard	ETSI EN 300 328 V1.8.1			
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1			
	EN 62479:2010			

RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihuiliu	Signature	
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM):
Wideband transmission systems; Data transmission equipment
operating in the 2,4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐	☐	☒
☐	☐	☐
☐	☐	☐

ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM):
Electromagnetic Compatibility (EMC) standard for radio equipment and
services, Part 1: Common technical requirements

☐	☐	☒
☐	☐	☐
☐	☐	☐

ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM):
Electromagnetic Compatibility (EMC) standard for radio equipment, Part
17: Specific conditions for Broadband Data Transmission Systems

☐	☐	☒
☐	☐	☐
☐	☐	☐

EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐	☐	☒
☐	☐	☐
☐	☐	☐

CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
☐	☐	☐
☐	☐	☐

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :

PHILIPS

Type number :

59240/XX/E7

Description of the product (reference - type) :

enif recessed 1x50W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC

EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields

EN 60598-1: 2008, Amendment 11: 2009

EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

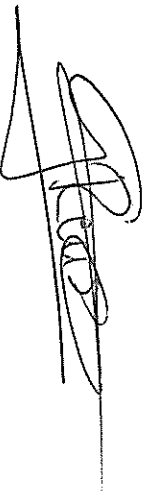
Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015

Signed:



Kontich, Belgium 23/09/2015

Geert Reusen

Product Quality Manager

Signature and name

Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD			
Report No	CODE0514416_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59240/XX/E7	Trademark	PHL
Product Group	enit recessed nickel 1x50W 230V	Project No	150708
Client Ref No	CD1507081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires			
Standard			



RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	
The test results presented in this report relate only to the item(s) tested.				

zhihui.lu

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	CB certificate_Recessed.Zip\4324032.53.PDF copy of marking plate	☒	☐	☐
\$ 6 Construction	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.7(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.8(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.9(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.10(14&15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.11(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.12(9)	☒	☐	☐
\$ 12				
Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.13(12)	☒	☐	☐
Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.13(12)	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.14(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.15(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.16(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?		☒	☐	☐

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514416_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59240/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150708
Client Ref No	CD1507081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihuiliu	Signature	
The test results presented in this report relate only to the item(s) tested.			

zhihuiliu

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐	☐	☒
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐	☐	☒
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EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514416_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59240/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150708
Client Ref No	CD1507081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhinhui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS

Class	II	Rated Voltage	230	# Lamps	1	Rated Wattage	50	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	zhinhui.lu	Signature	zhinhui.lu
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM): Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz ISM Band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM): Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM): Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒



EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 59243/XX/E7
Description of the product (reference - type) : enif recessed 3x50W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 459 10 03

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514417_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59243/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150709
Client Ref No	CD1507091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuili.lu
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihuili.lu	Signature	zhihuili.lu
------	------------------	-------------	-----------	-------------

The test results presented in this report relate only to the item(s) tested.

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	CB certificate_Recessed.Zip\4324032.53.PDF \copy of marking plate	☒	☐	☐
\$ 6 Construction	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.7(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.8(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.9(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.10(14&15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.11(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.12(8)	☒	☐	☐
\$ 12				
Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	☒	☐	☐
Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.14(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.15(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.16(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : **PHILIPS**
Type number : **59230/XX/E7**
Description of the product (reference - type) : **enif recessed 1x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581: 2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/IEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

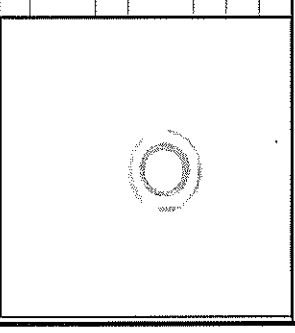
TEST RECORD

Report No	CODE0514414_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59230/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150618
Client Ref No	CD1506181A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

Standard



RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer

zhihuiliu

Signature

The test results presented in this report relate only to the item(s) tested.

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	CB certificate_Recessed.Zip\4324032.53.PDF copy of marking plate	☒	☐	☐
\$ 6 Construction	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.7(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.8(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.9(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.10(14&15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.11(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.12(8)	☒	☐	☐
\$ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.13(12)	☒	☐
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.13(12)	☒	☐
\$ 13 Resistance to dust & moisture	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.14(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.15(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.16(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514414_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59230/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150618
Client Ref No	CD1506181A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu



Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009
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RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009	Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐☐☒

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐☐☒

EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.☐☐☒

CONCLUSION

Complies with the relevant standard(s)?

☐☐☒

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 59233/XX/E7
Description of the product (reference - type) : enif recessed 3x50W 230V

The undersigned hereby declares that:

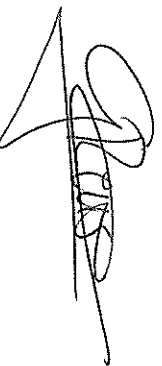
The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514415_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59233/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150621
Client Ref No	CD150621A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS

Class	II	Rated Voltage	230	# Lamps	3	Rated Wattage	50	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	zhihuiliu	Signature	zhihuiliu
The test results presented in this report relate only to the item(s) tested.			

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	CB certificate_Recessed.Zip\4324032.53.PDF copy of marking plate	☒	☐	☐
\$ 6 Construction	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.7(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.8(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.9(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.10(14&15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.11(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.12(8)	☒	☐	☐
\$ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.13(12)	☒	☐
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.13(12)	☒	☐
\$ 13 Resistance to dust & moisture	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.14(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.15(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.16(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514415_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59233/XX/E7		Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V		Project No	150621
Client Ref No	CD150621A01		Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu	
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009			
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008			
	EN 61547: 2009			

RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihuiliu	Signature	
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐	☐	☒
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐	☐	☒
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EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 59240/XX/E7
Description of the product (reference - type) : enif recessed 1x50W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

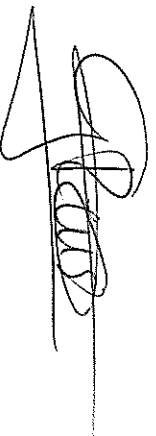
Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015

Signed:



Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD			
Report No	CODE0514416_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH178040

GENERAL INFORMATION

Article No	59240/XX/E7	Trademark	PHL	
Product Group	enif recessed nickel 1x50W 230V	Project No	150708	
Client Ref No	CD1507081A01	Manual No	see BOI	
QC Family		Resp. Engineer	zhnhui.lu	
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires			

RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer zhnhui.lu Signature

The test results presented in this report relate only to the item(s) tested.

zhnhui.lu

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	CB certificate_Recessed.Zip\4324032.53.PDF copy of marking plate	☒	☐	☐
\$ 6 Construction	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.7(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.8(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.9(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.10(14&15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.11(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.12(8)	☒	☐	☐
\$ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.13(12)	☒	☐
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.13(12)	☒	☐
\$ 13 Resistance to dust & moisture	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.14(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.15(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_Recessed.Zip\4324032.53.PDF Clause 2.16(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?		☒	☐	☐

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514416_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59240/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150708
Client Ref No	CD1507081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM): Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM): Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements	☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM): Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems	☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)	☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514416_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH178040

GENERAL INFORMATION

Article No	59240/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150708
Client Ref No	CD1507081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		



RATINGS

Class	II	Rated Voltage	230	# Lamps	1	Rated Wattage	50	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	
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The test results presented in this report relate only to the item(s) tested.

Zhihui.lu

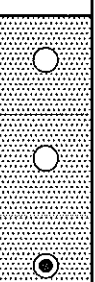
EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

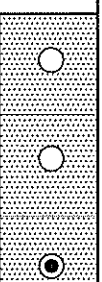
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.



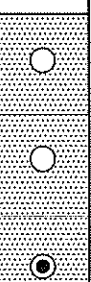
EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

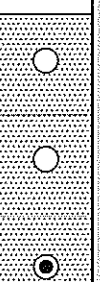


EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

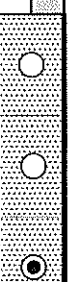


EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

CONCLUSION

Complies with the relevant standard(s)?



CE EC DÉCLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 59243/XX/E7
Description of the product (reference - type) : enif recessed 3x50W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514417_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH178040

GENERAL INFORMATION

Article No	59243/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150709
Client Ref No	CD1507091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.				

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	CB certificate_Recessed.Zip\4324032.53.PDF Icopy of marking plate	☒	☐	☐
\$ 6 Construction	CB certificate_Recessed.Zip\4324032.53.PDF Iclause 2.7(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_Recessed.Zip\4324032.53.PDF Iclause 2.8(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_Recessed.Zip\4324032.53.PDF Iclause 2.9(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_Recessed.Zip\4324032.53.PDF Iclause 2.10(14&15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_Recessed.Zip\4324032.53.PDF Iclause 2.11(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_Recessed.Zip\4324032.53.PDF Iclause 2.12(8)	☒	☐	☐
\$ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF Iclause 2.13(12)	☒	☐
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF Iclause 2.13(12)	☒	☐
\$ 13 Resistance to dust & moisture	CB certificate_Recessed.Zip\4324032.53.PDF Iclause 2.14(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_Recessed.Zip\4324032.53.PDF Iclause 2.15(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_Recessed.Zip\4324032.53.PDF Iclause 2.16(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514417_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59243/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150709
Client Ref No	CD1507091 A01	Manual No	see BOI
QC Family		Resp. Engineer	zhinhui.lu
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		

RATINGS					
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lamp
IP	IP20	230	3	50	GU10 NA
F-Marking					
Rough Service					
Ta					

APPROVAL BY

Name Quality Engineer	zhinhui.lu	Signature	zhinhui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2,4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

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EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514417_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59243/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150709
Client Ref No	CD1507091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhilui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS

Class	II	Rated Voltage	230	# Lamps	3	Rated Wattage	50	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1.2: 2009

Limits for harmonic current emissions.

☐	☐	☒
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐	☐	☒
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EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :

PHILIPS

Type number :

50230/XX/E7

Description of the product (reference - type) :

burlap single spot 1x40W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC

EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields

EN 60598-1: 2008, Amendment 11: 2009

EN 60598-2-1: 1989 Fixed general purpose luminaires

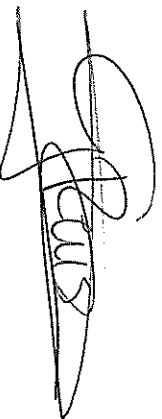
Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015

Signed:



Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen

Product Quality Manager

Signature and name

Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514418_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50230/XX/E7	Trademark	PHL
Product Group	burrap single spot nickel 1x40W 230V	Project No	150579
Client Ref No	CD1505791A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS

Class	I	Rated Voltage	230	# Lamps	1	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	Zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Rating Labels_16SS5_FamA.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	☒	☐	☐
\$ 12	Endurance test	☒	☐	☐
	Thermal test	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514418_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50230XX/E7	Trademark	PHL
Product Group	butlap single spot nickel 1x40W 230V	Project No	150579
Client Ref No	CD1505791A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	Zhihui Lu
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The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.		☐	☐	☒
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		☐	☐	☒
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EN 61547: 2009

Equipment for general lighting purposes. EMC Immunity requirements.		☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514418_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50230/XX/E7	Trademark	PHL
Product Group	burlap single spot nickel 1x40W 230V	Project No	150579
Client Ref No	CD1505791A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS

Class	I	Rated Voltage	230	# Lamps	1	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer ZHIHUI.LU

Signature

The test results presented in this report relate only to the item(s) tested.

Zhihui Lu

EMC REQUIREMENTS

REPORT REFERENCE

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM):
Wideband transmission systems; Data transmission equipment
operating in the 2,4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM):
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM):
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 50232/XX/E7
Description of the product (reference - type) : burlap bar/tube 2x40W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELBC permanent documents

Year of which the CE mark was affixed : 2015

Signed:



Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514419_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50232/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 2x40W 230V	Project No	150580
Client Ref No	CD1505801A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu



Standard

EN 60598-2-1: 1989 Fixed general purpose luminaires

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	zhihui.lu
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The test results presented in this report relate only to the item(s) tested.

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Rating Labels_16SS5_Fama.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_fixed lightA324032.50.PDF\ Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_fixed lightA324032.50.PDF\ Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_fixed lightA324032.50.PDF\ Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_fixed lightA324032.50.PDF\ Clause 1.9(14 & 15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_fixed lightA324032.50.PDF\ Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_fixed lightA324032.50.PDF\ Clause 1.11(8)	☒	☐	☐
\$ 12				
Endurance test	CB certificate_fixed lightA324032.50.PDF\ Clause 1.12(12)	☒	☐	☐
Thermal test	CB certificate_fixed lightA324032.50.PDF\ Clause 1.12(12)	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_fixed lightA324032.50.PDF\ Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_fixed lightA324032.50.PDF\ Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed lightA324032.50.PDF\ Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?		☒	☐	☐

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514419_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50232/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 2x40W 230V	Project No	150580
Client Ref No	CD1505801A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu

150580
P

Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008
	EN 61547: 2009

RATINGS

Class	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	40	E14
F-Marking					
Rough Service					
Ta					

APPROVAL BY

Name Quality Engineer	zhihuiliu	Signature	
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Zhihuiliu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

CONCLUSION

Complies with the relevant standard(s)?

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514419_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50232/XX/E7	Trademark	PHL
Product Group	burrap bar/tube nickel 2x40W 230V	Project No	150580
Client Ref No	CD1505801A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		

RATINGS

Class	I	Rated Voltage	230	# Lamps	2	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality EngineerzhihuiliuSignature

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2,4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐ ☐ ☒

ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

☐ ☐ ☒

ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

☐ ☐ ☒

EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐ ☐ ☒

CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONITICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :

PHILIPS

Type number :

50233/XX/E7

Description of the product (reference - type) :

burlap plate/spiral 3x40W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC

EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields

EN 60598-1: 2008, Amendment 11: 2009

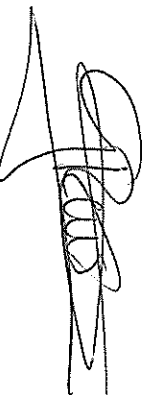
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Konitich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Konitich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

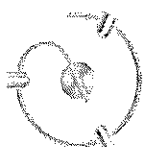
DEPARTMENT

TEST RECORD

Report No	CODE0514420_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50233/XX/E7	Trademark	PHL
Product Group	burrap plate/spiral nickel 3x40W 230V	Project No	150581
Client Ref No	CD1505811A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS					
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder
IP	IP20	230	3	40	E14
F-Marking					NA
Rough Service					
Ta					

APPROVAL BY

Name Quality Engineer	zhihuiliu	Signature	zhihuiliu
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The test results presented in this report relate only to the item(s) tested.

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Rating Labels_16SS5_Fama.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	☒	☐	☐
\$ 12	Endurance test	☒	☐	☐
	Thermal test	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

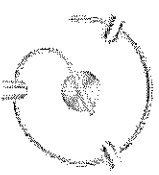
DEPARTMENT

TEST RECORD

Report No	CODE0514420_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH178040

GENERAL INFORMATION

Article No	50233/XX/E7	Trademark	PHL
Product Group	burlap plate/spiral nickel 3x40W 230V	Project No	150581
Client Ref No	CD150581A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		



RATINGS

Class	I	Rated Voltage	230	# Lamps	3	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer zhihui.lu

Signature

The test results presented in this report relate only to the item(s) tested.

zhihui.lu

EMC REQUIREMENTS

REPORT REFERENCE

OK

NOK

NA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐	☐	☒
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐	☐	☒
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EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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QUALITY

Report No	CODE0514420_V01.XLS	Page	1 of 1
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Date	2015/9/18	Issued by	CNH78040
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2015/9/18

Issue

CNH1780

GENERAL INFORMATION

Article No 50233/XX/E7

Trademark

PHL

Product Group	burlap plate/spiral nickel 3x40W 230V
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Project No

150581

Client Ref No CD1505811A01

Manual No

See BO

QC Family

Resp. Engineer

zhihui.lu

Standard ETSI EN 301 489-1 V1.9.2; ETSI EN 301 489-17 V2.2.1

EN 62479:2010

RATINGS

Class	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
I					

IP	IP20	230	3	40	E14	NA
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F-Marking					
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[illegible]

Ta					

APPROVAL BY

Name	Quality Engineer
	zhihui.lu

Signature

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TE Directive

ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

ETSI EN 301 489-17 V2.2.1

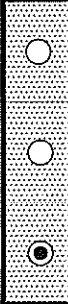
Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
1:7. Specific conditions for Broadband Data Transmission Systems

EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

CONCLUSION

Complies with the relevant standard(s)?



CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 50234/XX/E7
Description of the product (reference - type) : burlap bar/tube 4x40W 230V

The undersigned hereby declares that:

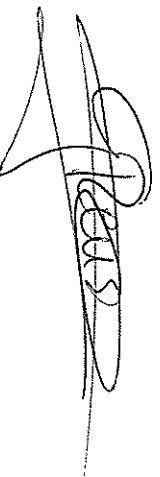
The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514421_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH/78040

GENERAL INFORMATION

Article No	50234/XX/E7	Trademark	PHL
Product Group	burilap bar/tube nickel 4x40W 230V	Project No	150582
Client Ref No	CD1505821A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	zhihuiliu	Signature	zhihuiliu
The test results presented in this report relate only to the item(s) tested.				

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Rating Labels_16SS5_FamA.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	☒	☐	☐
\$ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	☒	☐
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	☒	☐
\$ 13 Resistance to dust & moisture	CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514421_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50234/XX/E7	Trademark	PHL
Product Group	burflap bar/tube nickel 4x40W 230V	Project No	150582
Client Ref No	CD1505821A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS

Class	I	Rated Voltage	230	# Lamps	4	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	zhihuiliu	Signature	
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OK

NOK

NA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐	☐	☒
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐	☐	☒
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EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514421_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50234/XX/E7	Trademark	PHL
Product Group	bulbap bulbtube nickel 4x40W 230V	Project No	150582
Client Ref No	CD1505821A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		

RATINGS

Class	I	Rated Voltage	230	# Lamps	4	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	zhihuiliu	Signature	
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The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2.4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

CONCLUSION

Complies with the relevant standard(s)?

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : **PHILIPS**
Type number : **50236/XX/E7**
Description of the product (reference - type) : **burlap bar/tube 6x40W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

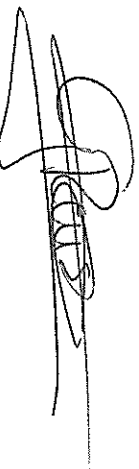
Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015

Signed:



Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514422_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50236/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 6x40W 230V	Project No	150583
Client Ref No	CD1505831A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer

Signature

The test results presented in this report relate only to the item(s) tested.

zhihuiliu

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Rating Labels_16SS5_Fama.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_fixed lightA324032.50.PDF\ Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_fixed lightA324032.50.PDF\ Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_fixed lightA324032.50.PDF\ Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_fixed lightA324032.50.PDF\ Clause 1.9(14 & 15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_fixed lightA324032.50.PDF\ Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_fixed lightA324032.50.PDF\ Clause 1.11(8)	☒	☐	☐
\$ 12	Endurance test	CB certificate_fixed lightA324032.50.PDF\ Clause 1.12(12)	☒	☐
	Thermal test	CB certificate_fixed lightA324032.50.PDF\ Clause 1.12(12)	☒	☐
\$ 13 Resistance to dust & moisture	CB certificate_fixed lightA324032.50.PDF\ Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_fixed lightA324032.50.PDF\ Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed lightA324032.50.PDF\ Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514422_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH178040

GENERAL INFORMATION

Article No	50236/XX/E7	Trademark	PHL
Product Group	burllap bar/tube nickel 6x40W 230V	Project No	150583
Client Ref No	CD1505831A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu

Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009
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RATINGS

Class	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	40	E14	NA
F-Marking					
Rough Service					
Ta					

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	<i>Zhuhui Lu</i>
------	------------------	-----------	-----------	------------------

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

CONCLUSION
Complies with the relevant standard(s)?

OK NOK NA

☐ ☐ ☒

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COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514422_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50236/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 6x40W 230V	Project No	150583
Client Ref No	CD1505831A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		

RATINGS

Class	I	Rated Voltage	230	# Lamps	6	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer zhihuiliu

Signature

The test results presented in this report relate only to the item(s) tested.

zhihuiliu

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2,4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐	☐	☒
☐	☐	☐
☐	☐	☐

ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

☐	☐	☒
☐	☐	☐
☐	☐	☐

ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

☐	☐	☒
☐	☐	☐
☐	☐	☐

EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐	☐	☒
☐	☐	☐
☐	☐	☐

CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
☐	☐	☐
☐	☐	☐

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	PHILIPS
Type number :	50270/XX/E7
Description of the product (reference - type) :	Deltoid single spot 1x28W 230V

The undersigned hereby declares that:

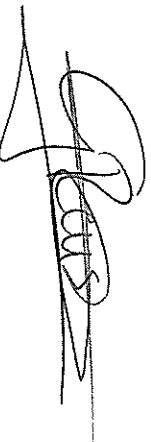
The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514423_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50270/XX/E7	Trademark	PHL
Product Group	Deloid single spot chrome 1x28W 230V	Project No	150594
Client Ref No	CD1505941A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	Zhihui Lu
-----------------------	-----------	-----------	-----------

The test results presented in this report relate only to the item(s) tested.

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Rating Labels_16SS5_Famd.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_fixed light4324032.50.PDF\ Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_fixed light4324032.50.PDF\ Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_fixed light4324032.50.PDF\ Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_fixed light4324032.50.PDF\ Clause 1.9(14 & 15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_fixed light4324032.50.PDF\ Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_fixed light4324032.50.PDF\ Clause 1.11(8)	☒	☐	☐
\$ 12	Endurance test	☒	☐	☐
	Thermal test	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_fixed light4324032.50.PDF\ Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_fixed light4324032.50.PDF\ Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed light4324032.50.PDF\ Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514423_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50270/XX/E7	Trademark	PHL	
Product Group	Deltron single spot chrome 1x28W 230V	Project No	150594	
Client Ref No	CD1505941A01	Manual No	see BOI	
QC Family		Resp. Engineer	ZHIHUI.LU	
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009			

RATINGS

Class	I	Rated Voltage	230	# Lamps	1	Rated Wattage	28	Lampholder	G9	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer ZHIHUI.LU Signature

The test results presented in this report relate only to the item(s) tested.

Zhihui Lu

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐ ☐ ☒

EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐ ☐ ☒

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐ ☐ ☒

EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.☐ ☐ ☒

CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514423_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50270/XX/E7	Trademark	PHL
Product Group	Deloid single spot chrome 1x28W 230V	Project No	150594
Client Ref No	CD1505941A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		



RATINGS

Class	I	Rated Voltage	230	# Lamps	1	Rated Wattage	28	Lampholder	G9	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer ZHIHUI.LU Signature

The test results presented in this report relate only to the item(s) tested.

Zhihui Lu

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2.4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 50273/XX/E7
Description of the product (reference - type) : Deltoid plate/spiral 3x28W 230V

The undersigned hereby declares that:

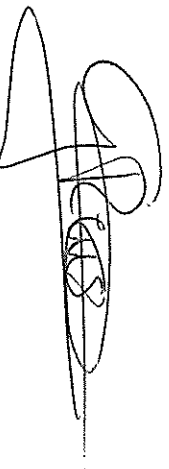
The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELLEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514424_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50273/XX/E7	Trademark	PHL
Product Group	Deltaid plate/spiral chrome 3x28W 230V	Project No	150596
Client Ref No	CD1505961A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS

Class	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	28	G9
F-Marking					NA
Rough Service					
Ta					

APPROVAL BY

Name Quality Engineer ZHIHUI.LU

Signature

The test results presented in this report relate only to the item(s) tested.

SECTION

REPORT REFERENCE

OK NOK NA

\$ 5 Marking

Rating Labels_16SS5_FamD.PDF

\$ 6 Construction

CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)

\$ 7 Creepage, distances & clearances

CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)

\$ 8 Provision for earthing

CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)

\$ 9 Terminal

CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)

\$ 10 External and internal wiring

CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)

\$ 11 Protection against electric shock

CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)

\$ 12

Endurance test

CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)

Thermal test

CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)

\$ 13 Resistance to dust & moisture

CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)

\$ 14 Insulation resistance and electric strength

CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)

\$ 15 Resistance to heat, fire & tracking

CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)

CONCLUSION

Complies with the relevant standard(s)?

COMPLIANCE REPORT FORM EMC

QUALITY

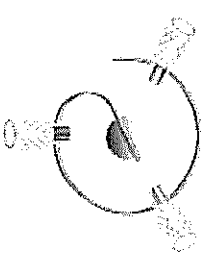
DEPARTMENT

TEST RECORD

Report No	CODE0514424_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50273/XX/E7	Trademark	PHL
Product Group	Deltaid plate/spiral chrome 3x28W 230V	Project No	150596
Client Ref No	CD1505961A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		



RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer ZHIHUI.LU Signature

The test results presented in this report relate only to the item(s) tested.

Zhihui Lu

EMC REQUIREMENTS

REPORT REFERENCE

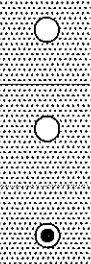
OK

NOK

NA

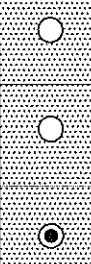
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.



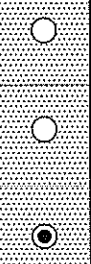
EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

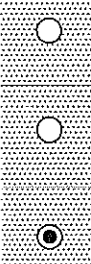


EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

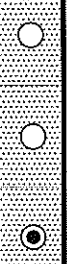


EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

CONCLUSION

Complies with the relevant standard(s)?



COMPLIANCE REPORT FORM R&TTE

QUALITY

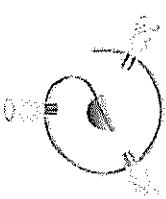
DEPARTMENT

TEST RECORD

Report No	CODE0514424_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50273/XX/E7	Trademark	PHL
Product Group	Deloid plate/spiral chrome 3x28W 230V	Project No	150596
Client Ref No	CD1505961A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		



RATINGS

Class	I	Rated Voltage	230	# Lamps	3	Rated Wattage	28	Lampholder	G9	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		☐	☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		☐	☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		☐	☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		☐	☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☐ ☒

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : **PHILIPS**
Type number : **50274/XX/E7**
Description of the product (reference - type) : **Deltoid bar/tube 4x28W 230V**

The undersigned hereby declares that:

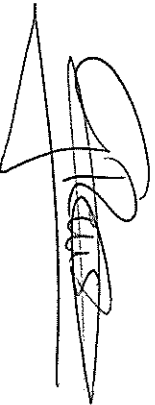
The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELCEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD			
Report No	CODE0514425_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50274/XX/E7	Trademark	PHL
Product Group	Deloid bar/tube chrome 4x28W 230V	Project No	150597
Client Ref No	CD1505971A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS				
Class	I	Rated Voltage	# Lamps	Rated Wattage
IP	IP20	230	4	28
F-Marking				G9
Rough Service				
Ta				

APPROVAL BY

Name Quality Engineer

Signature

The test results presented in this report relate only to the item(s) tested.

Zhihui Lu

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Rating Labels_16SS5_FamD.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.6(4)			
\$ 7 Creepage, distances & clearances	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.7(11)			
\$ 8 Provision for earthing	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.8(7)			
\$ 9 Terminal	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.9(14 & 15)			
\$ 10 External and internal wiring	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.10(5)			
\$ 11 Protection against electric shock	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.11(8)			
\$ 12	Endurance test	☒	☐	☐
	Clause 1.12(12)			
Thermal test	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.12(12)			
\$ 13 Resistance to dust & moisture	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.13(9)			
\$ 14 Insulation resistance and electric strength	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.14(10)			
\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed lightA324032.50.PDF\	☒	☐	☐
	Clause 1.15(13)			
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514425_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50274/XX/E7	Trademark	PHL
Product Group	Deltoïd bar/tube chrome 4x28W 230V	Project No	150597
Client Ref No	CD1505971A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer ZHIHUI.LU

Signature

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐ ☐ ☒

EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐ ☐ ☒

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐ ☐ ☒

EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.☐ ☐ ☒

CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514425_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50274/XX/E7	Trademark	PHL
Product Group	Deltaïd bar/tube chrome 4x28W 230V	Project No	150597
Client Ref No	CD1505971A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		

RATINGS

Class	I	Rated Voltage	230	# Lamps	4	Rated Wattage	28	Lampholder	G9	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	Zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM): Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM): ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM): ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 50272/XX/E7
Description of the product (reference - type) : Deltoid bar/tube 2x28W 230V

The undersigned hereby declares that:

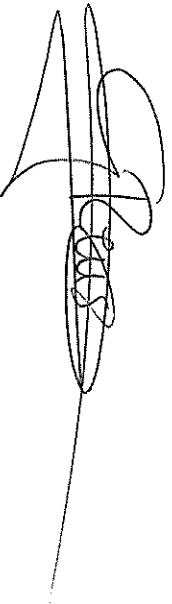
The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514426_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50272/XX/E7	Trademark	PHL
Product Group	Deloid bar/tube chrome 2x28W 230V	Project No	150595
Client Ref No	CD1505951A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	
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The test results presented in this report relate only to the item(s) tested.

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Rating Labels_16SS5_FamD.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_fixed light4324032.50.PDF Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_fixed light4324032.50.PDF Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_fixed light4324032.50.PDF Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_fixed light4324032.50.PDF Clause 1.9(14 & 15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_fixed light4324032.50.PDF Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_fixed light4324032.50.PDF Clause 1.11(8)	☒	☐	☐
\$ 12				
Endurance test	CB certificate_fixed light4324032.50.PDF Clause 1.12(12)	☒	☐	☐
Thermal test	CB certificate_fixed light4324032.50.PDF Clause 1.12(12)	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_fixed light4324032.50.PDF Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_fixed light4324032.50.PDF Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed light4324032.50.PDF Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

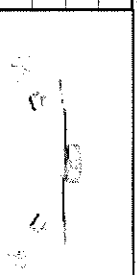
TEST RECORD

Report No	CODE0514426_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

DEPARTMENT

GENERAL INFORMATION

Article No	50272XXX/E7	Trademark	PHL
Product Group	Deltoid bar/tube chrome 2x28W 230V	Project No	150595
Client Ref No	CD1505951A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU



EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008
EN 61547: 2009

Standard

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	ZHIHUI.LU	Signature	
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The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

EN 61000-3-2: 2006, Amendment 1, 2: 2009

Limits for harmonic current emissions.

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current $\leq 16\text{A}$.	☐	☐	☒
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EN 61547:2009

Equipment for general lighting purposes. EMC Immunity requirements.		☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?					

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514426_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50272/XX/IE7	Trademark	PHL
Product Group	Deftoid bar/tube chrome 2x28W 230V	Project No	150595
Client Ref No	CD1505951A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	Zhihui.lu
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The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 50280/XX/E7
Description of the product (reference - type) : Hemlock single spot 1x40W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

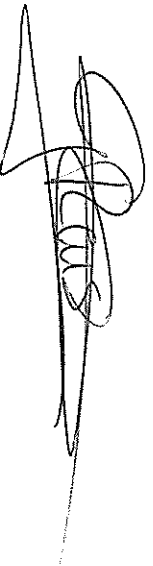
Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015

Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514427_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50280/XX/E7	Trademark	PHL
Product Group	Hemlock single spot chrome 1x40W 230V	Project No	150598
Client Ref No	CD1505981A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS

Class	I	Rated Voltage	230	# Lamps	1	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	zhihui.lu
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The test results presented in this report relate only to the item(s) tested.

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Rating Labels_16SS5_FamE.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_fixed lightA324032.50.PDF\ Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_fixed lightA324032.50.PDF\ Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_fixed lightA324032.50.PDF\ Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_fixed lightA324032.50.PDF\ Clause 1.9(14 & 15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_fixed lightA324032.50.PDF\ Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_fixed lightA324032.50.PDF\ Clause 1.11(8)	☒	☐	☐
\$ 12				
Endurance test	CB certificate_fixed lightA324032.50.PDF\ Clause 1.12(12)	☒	☐	☐
Thermal test	CB certificate_fixed lightA324032.50.PDF\ Clause 1.12(12)	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_fixed lightA324032.50.PDF\ Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_fixed lightA324032.50.PDF\ Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed lightA324032.50.PDF\ Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

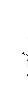
DEPARTMENT

TEST RECORD

Report No	CODE0514427_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH178040

GENERAL INFORMATION

Article No	50280/XX/E7	Trademark	PHL
Product Group	Hemlock single spot chrome 1x40W 230V	Project No	150598
Client Ref No	CD1505981A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.liu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS

Class	I	Rated Voltage	230	# Lamps	1	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	zhihuiliu	Signature	
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐	☐	☒
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐	☐	☒
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EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514427_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50280/XX/E7	Trademark	PHL
Product Group	Hemlock single spot chrome 1x40W 230V	Project No	150598
Client Ref No	CD1505981A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		



RATINGS

Class	I	Rated Voltage	230	# Lamps	1	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer

Signature

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2.4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : PHILIPS
Type number : 50282/XX/E7
Description of the product (reference - type) : Hemlock bar/tube 2x40W 230V

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

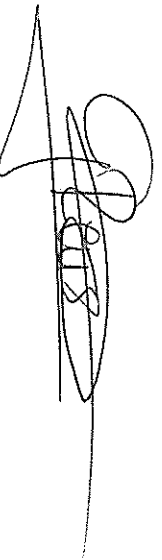
Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium: 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514428_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50282/XX/E7	Trademark	PHL
Product Group	Hemlock batrtube chrome 2x40W 230V	Project No	150599
Client Ref No	CD1505991A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS

Class	I	Rated Voltage	230	# Lamps	2	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	
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The test results presented in this report relate only to the item(s) tested.

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Rating Labels_16SS5_FamE.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_fixed lightA324032.50.PDF\ Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_fixed lightA324032.50.PDF\ Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_fixed lightA324032.50.PDF\ Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_fixed lightA324032.50.PDF\ Clause 1.9(14 & 15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_fixed lightA324032.50.PDF\ Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_fixed lightA324032.50.PDF\ Clause 1.11(8)	☒	☐	☐
\$ 12 Endurance test	CB certificate_fixed lightA324032.50.PDF\ Clause 1.12(12)	☒	☐	☐
Thermal test	CB certificate_fixed lightA324032.50.PDF\ Clause 1.12(12)	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_fixed lightA324032.50.PDF\ Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_fixed lightA324032.50.PDF\ Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed lightA324032.50.PDF\ Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?		☒	☐	☐

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514428_VO1.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50282/XX/E7	Trademark	PHL
Product Group	Hemlock bar/lube chrome 2x40W 230V	Project No	150599
Client Ref No	CD1505991A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		



RATINGS

Class	IP	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	
-----------------------	-----------	-----------	--

The test results presented in this report relate only to the item(s) tested.

Zhihui Lu

EMC REQUIREMENTS

REPORT REFERENCE

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

CONCLUSION

Complies with the relevant standard(s)?

OK NOK NA

☐ ☐ ☒

☐ ☐ ☒

☐ ☐ ☒

☐ ☐ ☒

☐ ☐ ☒

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514428_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50282/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 2x40W 230V	Project No	150599
Client Ref No	CD1505991A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1 EN 62479:2010		

RATINGS

Class	I	Rated Voltage	230	# Lamps	2	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer

ZHIHUI.LU

Signature

The test results presented in this report relate only to the item(s) tested.



EMC REQUIREMENTS

REPORT REFERENCE

OK ☐ NOK ☐ NA ☐

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2.4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONITCH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : **PHILIPS**
Type number : **50283/XX/E7**
Description of the product (reference - type) : **Hemlock bar/tube 3x40W 230V**

The undersigned hereby declares that:

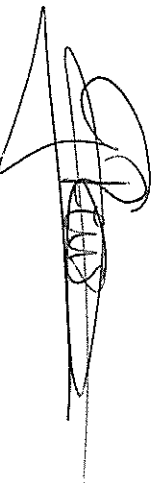
The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/LEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514429_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50283/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 3x40W 230V	Project No	150600
Client Ref No	CD1506001A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

2015/9/18

RATINGS

Class	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	40	E14
F-Marking					NA
Rough Service					
Ta					

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	
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The test results presented in this report relate only to the item(s) tested.

Zhihui.Lu

SECTION

REPORT REFERENCE

OK NOK NA

\$ 5 Marking

Rating Labels_16SS5_Fame.PDF

OK NOK NA

\$ 6 Construction

CB certificate_fixed lightA324032.50.PDF
Clause 1.6(4)

OK NOK NA

\$ 7 Creepage, distances & clearances

CB certificate_fixed lightA324032.50.PDF
Clause 1.7(11)

OK NOK NA

\$ 8 Provision for earthing

CB certificate_fixed lightA324032.50.PDF
Clause 1.8(7)

OK NOK NA

\$ 9 Terminal

CB certificate_fixed lightA324032.50.PDF
Clause 1.9(14 & 15)

OK NOK NA

\$ 10 External and internal wiring

CB certificate_fixed lightA324032.50.PDF
Clause 1.10(5)

OK NOK NA

\$ 11 Protection against electric shock

CB certificate_fixed lightA324032.50.PDF
Clause 1.11(8)

OK NOK NA

\$ 12

Endurance test
Thermal test

CB certificate_fixed lightA324032.50.PDF
Clause 1.12(12)
CB certificate_fixed lightA324032.50.PDF
Clause 1.12(12)

OK NOK NA

\$ 13 Resistance to dust & moisture

CB certificate_fixed lightA324032.50.PDF
Clause 1.13(9)

OK NOK NA

\$ 14 Insulation resistance and electric strength

CB certificate_fixed lightA324032.50.PDF
Clause 1.14(10)

OK NOK NA

\$ 15 Resistance to heat, fire & tracking

CB certificate_fixed lightA324032.50.PDF
Clause 1.15(13)

OK NOK NA

CONCLUSION

Complies with the relevant standard(s)?

OK NOK NA

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514429_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50283XX/E7	Trademark	PHL
Product Group	Hamlock bar/tube chrome 3x40W 230V	Project No	150600
Client Ref No	CD1506001A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009 EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008 EN 61547: 2009		

RATINGS

Class	I	Rated Voltage	230	# Lamps	3	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	ZHIHUI.LU	Signature	
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The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.

CONCLUSION

Complies with the relevant standard(s)?

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514429_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50283/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 3x40W 230V	Project No	150600
Client Ref No	CD1506001A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHU.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS

Class	I	Rated Voltage	230	# Lamps	3	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer ZHIHU.LU

Signature

The test results presented in this report relate only to the item(s) tested.



EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2,4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐ ☐ ☒

ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

☐ ☐ ☒

ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

☐ ☐ ☒

EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐ ☐ ☒

CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : **PHILIPS**
Type number : **50284/XX/E7**
Description of the product (reference - type) : **Hemlock bar/tube 4x40W 230V**

The undersigned hereby declares that:

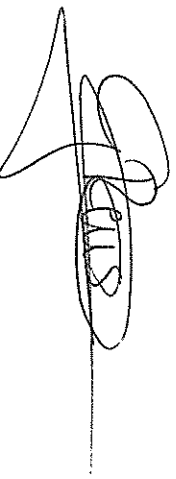
The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:



Kontich, Belgium 23/09/2015

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514430_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50284/XX/E7	Trademark	PHL
Product Group	Hemlock barlube chrome 4x40W 230V	Project No	150601
Client Ref No	CD1506011A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS

Class	I	Rated Voltage	230	# Lamps	4	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	Zhihui.lu
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The test results presented in this report relate only to the item(s) tested.

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Rating Labels_16SS5_Fame.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_fixed light4324032.50.PDF\ Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_fixed light4324032.50.PDF\ Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_fixed light4324032.50.PDF\ Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_fixed light4324032.50.PDF\ Clause 1.9(14 & 15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_fixed light4324032.50.PDF\ Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_fixed light4324032.50.PDF\ Clause 1.11(8)	☒	☐	☐
\$ 12				
Endurance test	CB certificate_fixed light4324032.50.PDF\ Clause 1.12(12)	☒	☐	☐
Thermal test	CB certificate_fixed light4324032.50.PDF\ Clause 1.12(12)	☒	☐	☐
\$ 13 Resistance to dust & moisture	CB certificate_fixed light4324032.50.PDF\ Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_fixed light4324032.50.PDF\ Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed light4324032.50.PDF\ Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?		☒	☐	☐

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514430_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50284XX/E7	Trademark	PHL	
Product Group	Hemlock bar/tube chrome 4x40W 230V	Project No	150601	
Client Ref No	CD150601A01	Manual No	see BOI	
QC Family		Resp. Engineer	ZHIHUI.LU	
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009			
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008			
	EN 61547: 2009			

RATINGS

Class	I	Rated Voltage	230	# Lamps	4	Rated Wattage	40	Lampholder	E14	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer ZHIHUI.LU Signature

The test results presented in this report relate only to the item(s) tested.



EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.

☐ ☐ ☒

EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.

☐ ☐ ☒

EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.

☐ ☐ ☒

EN 61547: 2009

Equipment for general lighting purposes.
EMC Immunity requirements.☐ ☐ ☒

CONCLUSION

Complies with the relevant standard(s)?

☐ ☐ ☒

COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514430_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50284/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 4x40W 230V	Project No	150601
Client Ref No	CD1506011A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LIU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name	Quality Engineer	ZHIHUI.LU	Signature	
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The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS

REPORT REFERENCE

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 7: Specific conditions for Broadband Data Transmission Systems				
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

	
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CONCLUSION

Complies with the relevant standard(s)?	
	☐
	☐
	☒

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname : **PHILIPS**
Type number : **50300/XX/E7**
Description of the product (reference - type) : **limbali single spot 1x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives.
References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

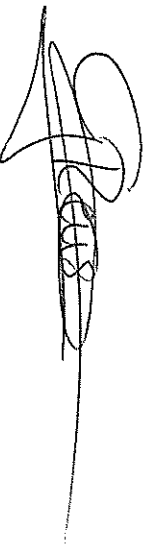
Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CEN/IEC permanent documents

Year of which the CE mark was affixed : 2015

Signed:



Kontich, Belgium: 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen
Product Quality Manager
Signature and name
Responsible for the manufacturer

Company stamp

COMPLIANCE REPORT FORM LVD

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514431_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50300/XX/E7	Trademark	PHL
Product Group	linball single spot nickel 1x50W 230V	Project No	150608
Client Ref No	CD1506081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS

Class	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10
F-Marking					
Rough Service					
Ta					

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.				

SECTION	REPORT REFERENCE	OK	NOK	NA
\$ 5 Marking	Rating Labels_16SS5_FamG.PDF	☒	☐	☐
\$ 6 Construction	CB certificate_fixed lightA324032.50.PDF\ Clause 1.6(4)	☒	☐	☐
\$ 7 Creepage, distances & clearances	CB certificate_fixed lightA324032.50.PDF\ Clause 1.7(11)	☒	☐	☐
\$ 8 Provision for earthing	CB certificate_fixed lightA324032.50.PDF\ Clause 1.8(7)	☒	☐	☐
\$ 9 Terminal	CB certificate_fixed lightA324032.50.PDF\ Clause 1.9(14 & 15)	☒	☐	☐
\$ 10 External and internal wiring	CB certificate_fixed lightA324032.50.PDF\ Clause 1.10(5)	☒	☐	☐
\$ 11 Protection against electric shock	CB certificate_fixed lightA324032.50.PDF\ Clause 1.11(8)	☒	☐	☐
\$ 12	Endurance test	CB certificate_fixed lightA324032.50.PDF\ Clause 1.12(12)	☒	☐
	Thermal test	CB certificate_fixed lightA324032.50.PDF\ Clause 1.12(12)	☒	☐
\$ 13 Resistance to dust & moisture	CB certificate_fixed lightA324032.50.PDF\ Clause 1.13(9)	☒	☐	☐
\$ 14 Insulation resistance and electric strength	CB certificate_fixed lightA324032.50.PDF\ Clause 1.14(10)	☒	☐	☐
\$ 15 Resistance to heat, fire & tracking	CB certificate_fixed lightA324032.50.PDF\ Clause 1.15(13)	☒	☐	☐
CONCLUSION		☒	☐	☐
Complies with the relevant standard(s)?				

COMPLIANCE REPORT FORM EMC

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514431_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50300/XX/E7	Trademark	PHL
Product Group	limbal single spot nickel 1x50W 230V	Project No	150608
Client Ref No	CD1506081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS

Class	I	Rated Voltage	230	# Lamps	1	Rated Wattage	50	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name	Quality Engineer	zhihui.lu	Signature	
The test results presented in this report relate only to the item(s) tested.				

EMC REQUIREMENTS

REPORT REFERENCE

OKNOKNA

EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009

Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		☐	☐	☒
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EN 61000-3-2: 2006, Amendment 1,2: 2009

Limits for harmonic current emissions.		☐	☐	☒
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EN 61000-3-3: 2008

Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		☐	☐	☒
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EN 61547: 2009

Equipment for general lighting purposes. EMC immunity requirements.		☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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COMPLIANCE REPORT FORM R&TTE

QUALITY

DEPARTMENT

TEST RECORD

Report No	CODE0514431_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50300/XX/E7	Trademark	PHL
Product Group	limball single spot nickel 1x50W 230V	Project No	150608
Client Ref No	CD1506081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihuiliu
Standard	ETSI EN 300 328 V1.8.1 ETSI EN 301 489-1 V1.9.2 : ETSI EN 301 489-17 V2.2.1 EN 62479:2010		



RATINGS

Class	I	Rated Voltage	230	# Lamps	1	Rated Wattage	50	Lampholder	GU10	Lamp	NA
IP	IP20										
F-Marking											
Rough Service											
Ta											

APPROVAL BY

Name Quality Engineer

zhihuiliu

Signature

The test results presented in this report relate only to the item(s) tested.

zhihuiliu

EMC REQUIREMENTS

REPORT REFERENCE

OK NOK NA

ETSI EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Wideband transmission systems; Data transmission equipment
operating in the 2,4 GHz ISM band and using wide band modulation
techniques; Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive

☐	☐	☒
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ETSI EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
ElectroMagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

☐	☐	☒
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ETSI EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part
17: Specific conditions for Broadband Data Transmission Systems

☐	☐	☒
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EN 62479:2010

Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to
electromagnetic fields (10 MHz to 300 GHz)

☐	☐	☒
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CONCLUSION

Complies with the relevant standard(s)?

☐	☐	☒
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