



## EU Declaration of Conformity

We, Philips Lighting

I.B.R.S./C.C.R.I. /Numéro 10461

5600 VB Eindhoven, The Netherlands

Year in which CE Mark was first affixed:

2016

Declare under our responsibility for the product(s):

Product Range:	Name:	STAR bar/tube 2x4.5W SELV
	Description:	Spots
	Brandname :	Philips
Product Code:		56242/XX/YY

The designated product(s) is (are) in conformity with the essential requirements of the following European Directives and harmonized standards:

**Low Voltage Directive (LVD), 2014/35/EU**

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

EN 60598-1: 2015 Luminaires — Part 1: General requirements and tests

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

EN 62471: 2008 Photobiological safety of lamps and lamp systems

**Electromagnetic compatibility Directive (EMC), 2014/30/EU**

EN 55015:2013

EN 61000-3-2: 2014

EN 61000-3-3: 2013

EN 61547: 2009

**EcoDesign requirements for energy-related products Directive (ErP), 2009/125/EC and applicable Implementing Measures**

Implementing Measure EC/245/2009 and amendment EC/347/2010

Implementing Measure EU/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 is/are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents.

20/04/2016

Kontich, Belgium,

Geert Reusen

Product Quality Manager

Signature and name

Responsible for the manufacturer

Philips Belgium N.V.  
BG Home  
Industrieterrein - Satenrozen 13  
2550 Kontich - Belgium  
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Company stamp

# COMPLIANCE REPORT FORM SAFETY

**QUALITY  
DEPARTMENT**

## TEST RECORD

Report No	CODE0515045_V01.XLSX	Page	1 of 1
Date	14/04/2016	Issued by	CORDA

## GENERAL INFORMATION

Article No	5624231P0	Trademark	PHL	
Product Group	STAR bar/tube 2x4.5W SELV	Project No	160122	
Client Ref No		Manual No	see BOI	
QC Family	8 Spots	Resp. Engineer	CEUSTERS, B.	
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires			
	EN 62471: 2008 Photobiological safety of lamps and lamp systems			

## RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	SEL	2	4,5	NOT	LMSPOT+II
F-Marking	x					
Rough Service						
Ta						

## APPROVAL BY

Name Quality Engineer	CEUSTERS, B.	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	56242-xx-p0_v01.xls	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 6 Construction		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 7 Creepage, distances & clearances		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 8 Provision for earthing	endu0517750_v01.xls	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 9 Terminal		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 10 External and internal wiring		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 11 Protection against electric shock		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 12	Endurance test	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Thermal test	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 13 Resistance to dust & moisture		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 14 Insulation resistance and electric strength	endu0517750_v01.xls	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 15 Resistance to heat, fire & tracking		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
EN 62471: 2008 Photobiological safety of lamps and lamp systems (IEC/TR 62778)	Photobiological safety warmglow 440400971751.pdf	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

## CONCLUSION

Complies with the relevant standard(s)?	<input checked="" type="radio"/>	<input type="radio"/>
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<b>COMPLIANCE REPORT FORM EMC</b>				<b>QUALITY DEPARTMENT</b>
<b>TEST RECORD</b>				
Report No	CODE0515045_V01.XLSX	Page	1 of 1	
Date	14/04/2016	Issued by	CORDA	

<b>GENERAL INFORMATION</b>			
Article No	5624231P0	Trademark	PHL
Product Group	STAR bar/tube 2x4.5W SELV	Project No	160122
Client Ref No	0	Manual No	see BOI
QC Family	8 Spots	Resp. Engineer	CEUSTERS, B.
Standard	EN 55015:2013		
	EN 61000-3-2: 2014 ; EN 61000-3-3: 2013		
	EN 61547: 2009		



<b>RATINGS</b>						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	SEL	2	4,5	NOT	LMSPOT+II
F-Marking	x					
Rough Service						
Ta						

<b>APPROVAL BY</b>	
Name Quality Engineer	CEUSTERS, B. <span style="float: right;">Signature </span>
The test results presented in this report relate only to the item(s) tested.	

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
<b>EN 55015:2013</b>				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	emc_56242_pp1.xls	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>EN 61000-3-2: 2014</b>				
Limits for harmonic current emissions.	emc_56242_pp1.xls	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>EN 61000-3-3: 2013</b>				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	emc_56242_pp1.xls	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>EN 61547: 2009</b>				
Equipment for general lighting purposes. EMC Immunity requirements.	emc_56242_pp1.xls	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

<b>CONCLUSION</b>	<input checked="" type="radio"/>	<input type="radio"/>
Complies with the relevant standard(s)?		