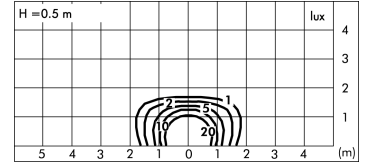
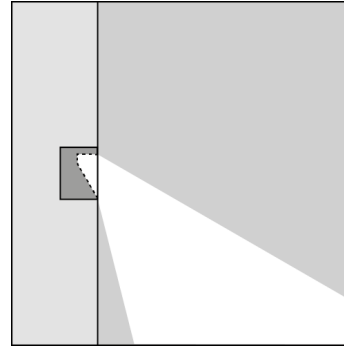
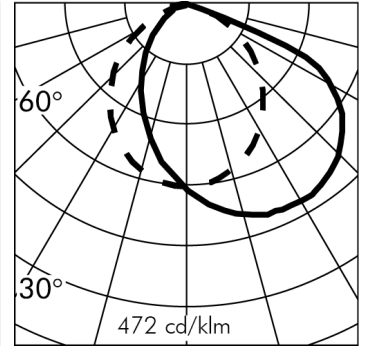
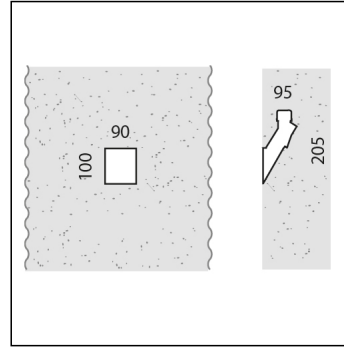


MICROGHOST SQUARE



C.8030W
 module LED 3000K 24Vdc
 Step light wall recessed



Light Source Technical Data

Light source type:	LED
Colour temperature:	3000K
Rated module luminous flux:	244lm
Rated luminaire luminous flux:	240lm
Rated module power:	1.8W
Rated luminaire power:	4W
Luminaire efficacy:	60lm/W
ULR:	0%
CIE Flux Code:	49 81 97 100 100
Color Rendering Index:	CRI 80
Standard Deviation Color Matching:	MacAdam step 3

Power Supply Technical Data

Voltage (DC):	24Vdc
See the SIMES power supply accessories list on the following pages	

Technical Installation Data

Electrical insulation class:	III
Protection class IP:	IP65
Mechanical resistance:	IK10
Weight:	0.71Kg
Power cable:	3m - H05RNF

Temperature and life time Technical Data

LED Lifetime:	L80 B10 70.000h Ta 25°C
	L80 B10 50.000h Ta 40°C
Lifespan of the LUMINAIRE:	min. 50.000h Ta 40°C
Performance ambient temperature:	Tq 25°C
Operating ambient temperature range:	da -20°C a +50°C
Storage temperature range:	da -20°C a +60°C

**MICROGHOST SQUARE
C.8030W****SPECS SHEET****LUMINAIRE TYPE**

Wall mounted luminaire. IP rating IP 65

MATERIAL CHARACTERISTICS

Ghost is a lighting void that is obtained from a polypropylene housing anchored to the retaining panels before pouring the concrete. Ghost is composed of two elements: the housing and the lighting element. The housing is in polypropylene and it consists of two complementary parts: - A jig , which forms the housing, and is extracted together with the retaining panel after completing the casting and removing the anchor screws; - The housing that remains embedded inside the casting and houses the lighting element. (The housing is supplied with bolts, locking system and stickers to be applied on the outside of the retaining panels so to secure a perfect alignment for multiple installations of each housing when pouring the concrete). The lighting element in die cast aluminum is anchored to the casing through proper screws and it remains completely hidden into the void. Mechanical resistance IK 10

MAINTENANCE

This luminaire is manufactured on site during the concrete casting of the wall with hand crafted procedures; therefore, small imperfections caused by the low accuracy of the casting, subsidence of the concrete surface, actual and future cracks, colour ripples and variations over time, will be deliberately present and they are a feature of the concrete, proving the hand-made manufacturing procedure.

LIGHTING PERFORMANCE

Toughened glass diffuser. LOR --

WIRING

Supplied with a pre-wired 3m H05RNF cable. Isolation: CLASS III . Available colours: Cast cement. Weight: 0.71 Kg Glow Wire test: --

LED module included**GHOST PATENTED, REGISTERED DESIGN**

This luminaire contains built-in LED modules. In case of damage or malfunction please contact the manufacturer to receive additional instructions on how to replace and relative spare parts to order. The LED modules cannot be handled in the luminaire by the end user.

LED modules are engineered accordingly to the existing regulations of Lumen Maintenance (LM80) and Technical Memorandum (TM21), where uniformity and quality of the light is 70,000 hours referred to L80 B10 Ta 25 ° C (50,000 hours referable to L80 B10 Ta 40°C). Lifespan of the luminaire min. 50,000 hours at 40°C. Performance Ambient temperature Tq 25°C. Operating ambient temperature range is from -20°C to +50°C. Storage temperature range from -20°C to +60°C.

MICROGHOST SQUARE C.8030W



ACCESSORIES



S.3660
JUNCTION BOX IP65*
Junction box with cable glands for 3 cables IN (possibility of 3 more cables IN with S.3670 accessories) Maximum load capacity 500Kg
Dimensions 300mmx300mmx230mm



S.3670
1 ADDITIONAL CABLE GLAND
Required for the connection of over 2 luminaires to the junction box S.3660 / power supply S.3664, S.3665, S.3667, S.3668.



S.2400
POWER SUPPLY NOT DIMMABLE 35W 230Vac/24Vdc IP20
In: 240V Alternate Current
Out: 24V Direct Current.
The Total power of all connected luminaires may not be higher than the power of the driver. CLASS II SELV Dimensions: 195 x 43 x 30,2 mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2401
POWER SUPPLY NOT DIMMABLE 60W 230Vac/24Vdc IP20
In: 240V Alternate Current
Out: 24V Direct Current.
The Total power of all connected luminaires may not be higher than the power of the driver. CLASS II SELV Dimensions: 225 x 43 x 29,8 mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2402
POWER SUPPLY NOT DIMMABLE IN BOX 60W 230Vac/24Vdc IP55
Dimensions: 260 x 240 x 100 mm.
Cable IN: 2 with cable glands PG11
Cable OUT: 5 with cable glands PG11
IP55 CLASS II SELV The Total power of all connected luminaires may not be higher than the power of the driver.
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2403
POWER SUPPLY NOT DIMMABLE 100W 230Vac/24Vdc IP20
In: 240V Alternate Current
Out: 24V Direct Current.
The Total power of all connected luminaires may not be higher than the power of the driver. CLASS II SELV Dimensions: 295 x 43 x 29,8 mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2404
POWER SUPPLY NOT DIMMABLE IN BOX 90W 230Vac/24Vdc IP55
Dimensions: 260 x 240 x 100 mm.
Cable IN: 2 with cable glands PG11
Cable OUT: 5 with cable glands PG11
IP55 CLASS II SELV The Total power of all connected luminaires may not be higher than the power of the driver.
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2405
POWER SUPPLY NOT DIMMABLE 60W 230Vac/24Vdc IP67
In: 240V Alternate Current
Out: 24V Direct Current.
The Total power of all connected luminaires may not be higher than the power of the driver. CLASS II SELV Dimensions: 150 x 53 x 21 mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



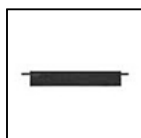
S.2406
POWER SUPPLY NOT DIMMABLE 90W 230Vac/24Vdc IP67
In: 240V Alternate Current
Out: 24V Direct Current.
The Total power of all connected luminaires may not be higher than the power of the driver. CLASS II SELV Dimensions: 171 x 63 x 37,5 mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2411
POWER SUPPLY 0/1-10V 230V/700mA 17W o 230V/24V 15W IP68
230V/700mA Maximum power consumption: 17W or 230V/24V
Frequency PWM : 240Hz Maximum power consumption: 15W
Dimensions 121mmx53mmx26mm IP68 SELV CLASS II
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2415
POWER SUPPLY DIMMABLE 230Vac/24Vdc 24W 244Hz IP67
Dimmable DALI for monochromatic LED 24W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP67 CLASS II SELV PWM Frequency : 244Hz Dimensions 185 x 35x 33mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2416
POWER SUPPLY DIMMABLE 230Vac/24Vdc 75W 244Hz IP67
Dimmable DALI for monochromatic LED 75W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP67 CLASS II SELV PWM Frequency : 244Hz Dimensions 280 x 40x 28mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2419
POWER SUPPLY DIMMABLE DALI2, PUSH DIM 36W 230Vac/24Vdc 3,6KHz IP20
Dimmable DALI2, PUSH DIM for monochromatic LED 35W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV Dimensions 210mmx43mmx30mm PWM Frequency :



S.2420
POWER SUPPLY DIMMABLE DALI, PUSH DIM e DSI 35W 230Vac/24Vdc 1KHz IP20
Dimmable DALI, PUSH DIM, DSI for monochromatic LED 35W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV Dimensions 195mmx43mmx30,2mm PWM Frequency : ~1KHz NB: not suitable for Family products NANOLED INOX, FLOWER and MINIPETIT 24Vdc
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.

Next ...

MICROGHOST SQUARE

C.8030W



ACCESSORIES



S.2421
POWER SUPPLY DIMMABLE DALI, PUSH DIM e DSI 60W
230Vac/24Vdc 1KHz IP20
 Dimmable DALI, PUSH DIM, DSI for monochromatic LED 60W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV PWM Frequency : ~1KHz Dimensions 225 x 43x 29,8mm NB: not suitable for Family products NANOLED INOX, FLOWER and MINIPETIT 24Vdc WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2422
POWER SUPPLY DIMMABLE DALI, PUSH DIM, DSI 100W
230Vac/24Vdc >1KHz IP20
 Dimmable DALI, PUSH DIM, DSI for monochromatic LED 100W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV PWM Frequency : >1KHz Dimensions 295 x 43x 29,8mm NB: not suitable for Family products NANOLED INOX, FLOWER and MINIPETIT 24Vdc WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2423
BOX WITH DIMMABLE POWER SUPPLY DALI2, 1-10v e PUSH-DIM
60W 230Vac/24Vdc 2kHz IP55
 60W 230Vac/24Vdc Dimensions 260mmx240mmx100mm PWM Frequency : 2kHz IP55 SELV CLASS II WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2424
POWER SUPPLY DIMMABLE 1-10V, PUSH DIM 60W 230Vac/24Vdc
244Hz IP20
 Dimmable 1-10V, PUSH DIM for monochromatic LED 60W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV PWM Frequency : 244Hz Dimensions 125 x 82x 29mm WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2425
BOX WITH DIMMABLE POWER SUPPLY DALI, 1-10v e PUSH-DIM
90W 230Vac/24Vdc 2kHz IP55
 90W 230Vac/24Vdc Dimensions 260mmx240mmx100mm PWM Frequency : 2kHz IP55 SELV CLASS II WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2426
POWER SUPPLY DIMMABLE DALI 2 120W 230Vac/24Vdc 2,5KHz
IP67
 Dimmable DALI 2 for monochromatic LED 120W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP67 CLASS II SELV PWM Frequency : 2,5KHz Dimensions 191 x 63x 37,5mm NB: not suitable for Family products NANOLED INOX, FLOWER and MINIPETIT 24Vdc WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2427
POWER SUPPLY DIMMABLE 1-10V 60W 230Vac/24Vdc 1,47KHz
IP67
 Dimmable 1-10V for monochromatic LED 60W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP67 CLASS II SELV PWM Frequency : 1,47KHz Dimensions 150x53x35mm NB: not suitable for Family products NANOLED INOX, FLOWER and MINIPETIT 24Vdc WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



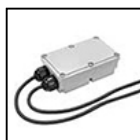
S.2428
POWER SUPPLY DIMMABLE 1-10V 90W 230Vac/24Vdc 1,47KHz
IP67
 Dimmable 1-10V for monochromatic LED 90W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP67 CLASS II SELV PWM Frequency : 1,47KHz Dimensions 171 x 63x 37,5mm NB: not suitable for Family products NANOLED INOX, FLOWER and MINIPETIT 24Vdc WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



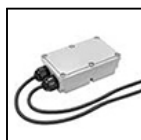
S.2429
POWER SUPPLY DIMMABLE DALI2, PUSH DIM 75W 230Vac/24Vdc
3,6KHz IP20
 Dimmable DALI2, PUSH DIM for monochromatic LED 75W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV Dimensions 293mmx43mmx30mm PWM Frequency :



S.2430
POWER SUPPLY MULTI-POWER 230V/250mA-700mA 20W oppure
24Vdc 16W IP20
 MULTI-POWER SUPPLY 230V/250mA-700mA Maximum power consumption 20W or 16W 230Vac/24Vdc Dimensions 110mmx50mmx20mm IP20 CLASS II SELV WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2435
POWER SUPPLY IN BOX IP67 230V/250mA-700mA 20W o
230Vac/24Vdc 16W IP67
 MULTI-POWER SUPPLY 230V/250mA-700mA Maximum power consumption 20W or 16W 230Vac/24Vdc Dimensions 175,5mmx86,5mmx43mm IP67 CLASS II SELV WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2438
POWER SUPPLY 230V/250mA-700mA 20W o 230Vac/24Vdc 16W
240Hz DALI DIMMABLE IN BOX IP67
 DALI DIMMABLE MULTI-POWER SUPPLY 230V/250mA-700mA Maximum power consumption: 20W or 16W 230Vac/24Vdc Dimensions 175,5mmx86,5mmx43mm PWM Frequency : 240Hz IP67 CLASS II SELV WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.

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MICROGHOST SQUARE

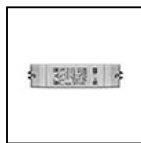
C.8030W



ACCESSORIES



S.2439
POWER SUPPLY 230V/250mA-700mA 20W o 230Vac/24Vdc 16W 240Hz DIMMABLE 1-10V, PUSH DIM IN BOX IP67
 1-10V, PUSH DIM DIMMABLE MULTI-POWER SUPPLY
 230V/250mA-900mA Maximum power consumption: 20W or 16W
 230Vac/24Vdc Dimensions 175,5mmx86,5mmx43mm PWM Frequency : 240Hz IP67 CLASS II SELV
 WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2441
POWER SUPPLY DIMMABLE DALI, PUSH DIM, 0-10V, 1-10V 230Vac/24Vdc 24W 244Hz IP20
 Dimmable DALI, PUSH DIM, 0-10V, 1-10V for monochromatic LED
 24W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. PWM Frequency : 244Hz
 Dimensions 164mm x38mm x24,5mm IP20 CLASS II SELV
 WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2442
POWER SUPPLY DIMMABLE DALI, PUSH DIM, 0-10V, 1-10V 230Vac/24Vdc 75W 244Hz IP20
 Dimmable DALI, PUSH DIM, 0-10V, 1-10V for monochromatic LED
 75W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV PWM
 Frequency : 244Hz Dimensions 280mmx40mmx29mm
 WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2445
POWER SUPPLY NOT DIMMABLE 120W 230Vac/24Vdc IP67
 In: 240V Alternate Current
 Out: 24V Direct Current.
 The Total power of all connected luminaires may not be higher than the power of the driver. CLASS II SELV Dimensions: 191 x 63 x 37,5 mm
 WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2446
POWER SUPPLY NOT DIMMABLE 320W 230Vac/24Vdc IP67
 In: 240V Alternate Current
 Out: 24V Direct Current.
 The Total power of all connected luminaires may not be higher than the power of the driver. CLASS I SELV Dimensions: 252 x 90 x 43 mm
 WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2498) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2449
POWER SUPPLY DIMMABLE DALI2, PUSH DIM 100W 230Vac/24Vdc 3,6KHz IP20
 Dimmable DALI2, PUSH DIM for monochromatic LED 100W
 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV Dimensions
 293mmx43mmx30mm PWM Frequency :



S.3400
POWER SUPPLY NOT DIMMABLE 10W 230Vac/24Vdc IP20
 In: 240V Alternate Current
 Out: 24V Direct Current.
 The Total power of all connected luminaires may not be higher than the power of the driver. Dimensions: 120 x 35 x 20 mm.
 WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.3401
POWER SUPPLY NOT DIMMABLE IN BOX 10W 230Vac/24Vdc IP55
 (Electronic power supply included)
 Dimensions: 230 x 210 x 80 mm.
 Cable IN: 2 with cable glands PG11
 Cable OUT: 6 with cable glands PG11
 IP55 CLASS II The Total power of all connected luminaires may not be higher than the power of the driver.
 WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.3664
JUNCTION BOX WITH NOT DIMMABLE POWER SUPPLY 35W 240V/24Vdc
 IP65 power supply for: N°4 Micropool LED* o N°1 Minipool LED o N°1 Pool LED maximum load capacity 500Kg Dimensions
 200mmx200mmx220mm * = require 2 x S.3670 additional cable gland
 WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.3665
JUNCTION BOX WITH NOT DIMMABLE POWER SUPPLY 90W 240V/24Vdc
 IP65 power supply for: N°5 Micropool LED** o N°4 Minipool LED* o N°2 Pool LED maximum load capacity 500Kg Dimensions
 300mmx300mmx230mm ** = require 3 x S.3670 additional cable gland
 * = require 2 x S.3670 additional cable gland
 WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVERE AT A DISTANCE OF NO MORE THAN 10m AWAY.