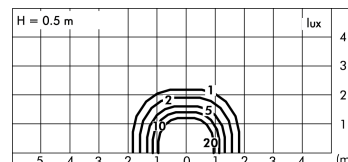
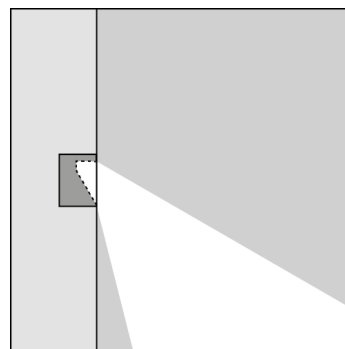
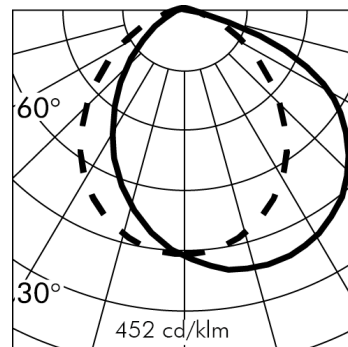
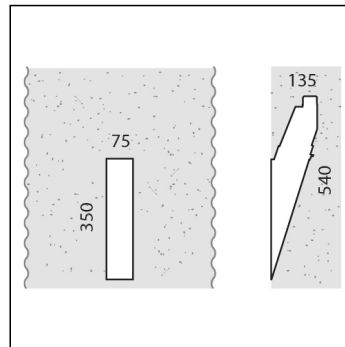


GHOST VERTICAL

**C.8024W**

1 module COB 3000K 220-240Vac ON-OFF

Step light wall recessed

**Light Source Technical Data**

Light source type:	COB
Colour temperature:	3000K
Rated module luminous flux:	992lm
Rated luminaire luminous flux:	612lm
Rated module power:	5.9W
Rated luminaire power:	7.6W
Luminaire efficacy:	81lm/W
ULR:	0%
BUG:	B0 - U0 - G0
CIE Flux Code:	53 85 98 100 100
Color Rendering Index:	CRI 80

Standard Deviation Color Matching: MacAdam step 3

Power Supply Technical Data

Voltage (AC):	220-240Vac
Frequency (AC):	50/60Hz
Voltage (DC):	170-280Vdc
Dimmable:	NOT DIMMABLE (ON-OFF)
Inrush Current:	27A 250µsec

Max. quantity of fixtures for
Minature Circuit Breaker type
B16A: 27

Max. quantity of fixtures for
Minature Circuit Breaker type
C16A: 45

Surge protection
(between L-N): 1÷2KV

Surge protection
(between L/N-PE): 2KV

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. 70.000h Ta 25°C 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

Technical Installation Data

Electrical insulation class:	I
Protection class IP:	IP65
Mechanical resistance:	IK10
Weight:	2.1661Kg
Power cable:	6m - H05RN-F

SPECIAL VERSION ON REQUEST: this Luminaires can be supplied with a surcharge in class III (without power supply). Requires working remote power supply in constant current at 180mA V_{fmin}=31.2Vdc V_{fmax}=36.8Vdc. Example SIMES compatible power supplies (check the complete list of the drivers on the catalogue):

Art. S.2417 POWER SUPPLY DALI2 / PUSH MULTI-POWER 230V/100mA-800mA IP20

Art. S.2443 POWER SUPPLY MULTI-POWER 230V/100mA-800mA DALI2 DIMMABLE, PUSH DIM IN BOX IP67 23W

NB: Use 1 Power Supply for each Luminaires

C.8024W REV: A

GHOST VERTICAL
C.8024W**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 6m H05RN-F cable. Isolation: CLASS I. Available colours: Cast cement. Weight: 2.1661 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.

This product contains a light source of energy efficiency class (EPREL - European Product Registry for Energy Labelling): E.

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. 70.000 hours Ta 25°C, 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.

ELECTRONIC EQUIPMENT SENSITIVE TO OVERVOLTAGE.

We recommend installing surge protection devices "SPD" in the electrical system. Protection devices prevent the intensity of these phenomena's, protecting the appliances from the risk of being damaged and extending the lifespan. Outdoor luminaires are subject to all types of permanent, temporary, or transient electrical disturbances. Such disturbances can create permanent damage or failure affecting its performance and durability. The surge protection device (supplied by SIMES) is utilized to limit the destructive effect of these phenomena. We suggest that each luminaire must be connected to one protection device at not more than 10m away. For correct coordination of the protections, a surge protection device must also be provided inside the electrical panel of the system (the selection of this device must be carried out from the electrical designer and is not supplied by SIMES).

GHOST VERTICAL C.8024W



ACCESSORIES

**S.2498****SURGE PROTECTION DEVICE 10kV CLASS I**

Compatible with all lighting fixtures classified under electrical Protection Class I Rated voltage 230-277V SPD type 2+3 Max Surge Protection 10kV IP67

EACH FIXTURE MUST BE CONNECTED TO ONE SINGLE SURGE PROTECTION DEVICE AT A DISTANCE OF NO MORE THAN 10m AWAY.

**S.2495****DALI2 RELAY SWITCH for ON-OFF (NOT DIMMABLE) 230V LUMINAIRES**

Allows to make a remote controll of ON-OFF not dimmable 230V luminaires via DALI2 protocol. IP20 Max nominal load 1000VA Max switching current 8A Max inrush current 80A Dimensions 32,5mm x 15mm x 58,5mm NB: the Luminaire can be controlled remotely in ON-OFF mode only and not in dimmed mode.

The total quantity of the Inrush currents of the luminaires/fixtures that you want to connect to the DALI2 RELAY SWITCH, must not exceed the maximum value of 80A.

**S.2496****DALI2 RELAY SWITCH for ON-OFF (NOT DIMMABLE) 230V LUMINAIRES**

Allows to make a remote controll of ON-OFF not dimmable 230V luminaires via DALI2 protocol. IP67 Max nominal load 1000VA Max switching current 8A Max inrush current 80A Dimensions 175,5mm x 86,5mm x 43mm NB: the Luminaire can be controlled remotely in ON-OFF mode only and not in dimmed mode.

The total quantity of the Inrush currents of the luminaires/fixtures that you want to connect to the DALI2 RELAY SWITCH, must not exceed the maximum value of 80A.