

Product data sheet

GHOST LINEARE L 240

C.8034N

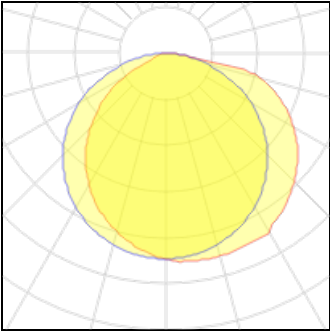
SIMES



Version is available on request. STEP LIGHT WALL RECESSED GHOST LINEAR L 240 C.8034N module LED 4000K 220-240Vac ON-OFF Rated module luminous flux:: 660lm Rated luminaire luminous flux: : 287lm Rated module power: : 2.5W Rated luminaire power: : 4W Luminaire efficacy: : 72lm/W Voltage (AC): : 220-240Vac Frequency (AC): : 50/60Hz Voltage (DC): : 176-264Vdc Dimmable: : NOT DIMMABLE (ON-OFF) Electrical insulation class: : II Protection class IP: : IP65 Mechanical resistance: : IK10 CE ENEC 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 voltage 24V. Example SIMES compatible power supplies (check the complete list of the drivers on the catalogue): Art. S.2439 POWER SUPPLY 230V/250mA-700mA 20W o 230Vac/24Vdc 16W 240Hz DIMMABLE 1-10V, PUSH DIM IN BOX IP67 Art. S.3426 POWER SUPPLY DALI MULTI-POWER 230V/250mA-700mA o 230V/24V 16W 240Hz IP20 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 aluminium 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 INSTALLATION AND 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. All the versions of Ghost Linear can be connected as a continuous line to obtain a running blade of light. Using the standard Ghost Linear lengths available in the catalogue it is possible to achieve any specified length and never be more than 22cm from the required length of the concrete structure. We recommend using the longer lengths of Ghost Linear and ending the run with the shorter versions and finish each run with the end caps provided with the luminaires (please allow for at least 5cm of complete wall either end of the concrete void). As an accessory a drilling jig is available for each size of recessed profile of Ghost Continuous line, so to facilitate its alignment to the shutter. Only one drilling jig is required for each size of profile utilized. Considering that ?Running? Ghost Linear continuous line is a linear void of 9cm in depth. We suggest to consult a structural engineer in order to calculate an adequate reinforced concrete structure and dimension. LIGHTING PERFORMANCE Toughened glass diffuser. LOR – WIRING Supplied with a pre-wired 6m H05RNF cable. Isolation: CLASS II . Available colours: Cast cement. Weight: 1.57 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: F. 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. 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).

Light output 1 (integrated)



Lamp type		CCT	3000 K
Nominal lamp power	4 W	CRI	90
Total flux	287 lm	LOR	100%
Luminous efficacy	72 lm/W	Total power	4 W

Mounting mode

Wall recessed

Shape and measurements

Length: 9.45 in
Width: 9.45 in
Height: 1.77 in

Adjustability

Fixed

Design

Material impression: Stone
Designer: Marc Sadler

Electric

System power: 4 W
Appliance Class: I

Protection

IP: 65
IK: 10
Designation labels: CE, ENEC