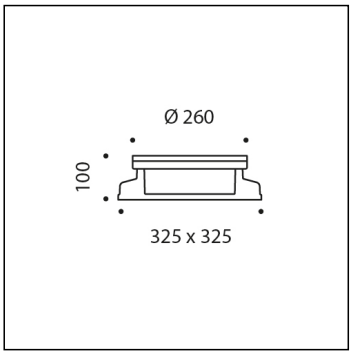
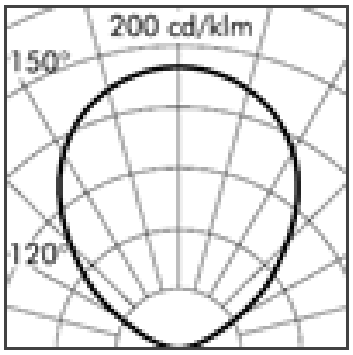
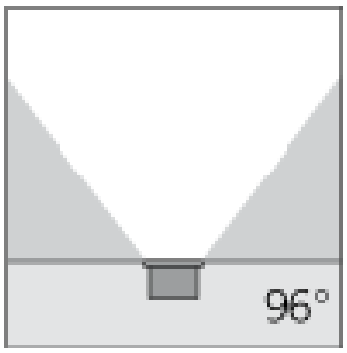
MEGAPLANO







Item no longer in the catalogue.

S.5424

TC-DEL 18W 1200lm G24q-2 220-240Vac ON-OFF
Inground walkover

Light Source Technical Data

Light source type:	TC-DEL 18W
Colour temperature:	2700K
Rated module luminous flux:	1200lm
Rated luminaire luminous flux:	552lm
Rated module power:	18W
Rated luminaire power:	19W
Luminaire efficacy:	29lm/W

Power Supply Technical Data

Voltage (AC):	220-240Vac
Frequency (AC):	50/60Hz
Dimmable:	NOT DIMMABLE (ON-OFF)

Technical Installation Data

Electrical insulation class:	I
Protection class IP:	IP67
Mechanical resistance:	IK09
Glass surface temperature:	61°C
Weight:	4.3Kg
Maximum load capacity:	1000Kg
Power cable:	0.5m - H07RN-F

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MEGAPLANO
S.5424

SPECS SHEET

LUMINAIRE TYPE
Inground walk over fitting. Recessing depth 100 mm. IP rating IP 67

MATERIAL CHARACTERISTICS
"Copper Free" Aluminium die cast housing in EN AB-44100 with high resistance against corrosion. Stone wash surface treatment prior to painting process. A4 grade Stainless Steel screws with 2,5-3% molybdenum content which increases the resistance against corrosion. Pre treated Silicone Gaskets. Painting Process : 3 Step Process
1) Surface treatment with BONDERITE. A heavy metal free chemical surface treatment containing ceramic nano particles giving a cohesive, inorganic and highly dense protective coating. 2) PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. 3) POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1200h. Mechanical resistance IK 09 Maximum load capacity 1000 Kg

LIGHTING PERFORMANCE
MIRO 2000 GP reflector in 99.85% pure anodized aluminium . Toughened acid-etched sodic calcic Weiss glass 8mm thick with a high transmission degree + 12% (compared to the standard glass). Lamp fixed position shielded by a protective plate to reduce backward peripheral glare. LOR 46% Compact electronic ballast to guarantee better lamp stability, lifetime and reduced energy consumption.

LOW SURFACE TEMPERATURE
The high transmission properties of the Weiss glass means that the optimum LOR is achieved allowing more light to pass through the glass resulting in the luminaire absorbing less heat. Surface temperature of glass 61°C (Ta 25°C) Electronic Ballast generating less heat. Specific layout of internal components allow for better heat dissipation therefore limiting the temperature generated inside the fitting.

RECESSING BOX
Polypropylene recessing box with external edge in stainless steel grade AISI 316L with cable entry on all 4 sides also allows: 1) Easy wiring; 2) Cable management for IP68 fast connector; 3) Easy access to the fitting for maintenance purposes.

WIRING
Supply 0.5m cable section type H07RN-F secured by cable gland PG 13.5 (Ø 6÷12 mm) and sealed with B component epoxy resin, wired internally protected by silicon sheaths. Fast connector IP67 (Ø 5÷14 mm) supplied as standard for single cable connection . Connector housed inside the recessing box . Front re-lamping without removing the complete fitting . Isolation: CLASS I . Finishing : FULL-GLASS Weight: 4.3 Kg Glow Wire test: 750°C
Lamp included.

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).

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MEGAPLANO
S.5424

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.

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