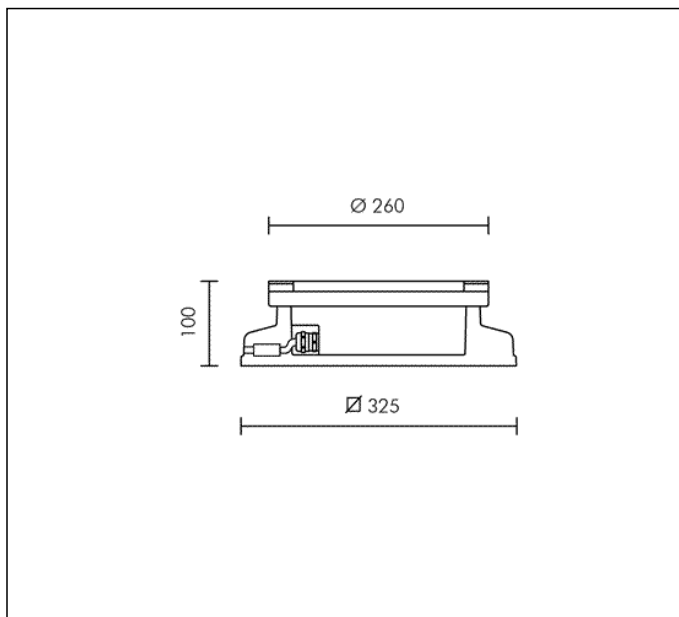
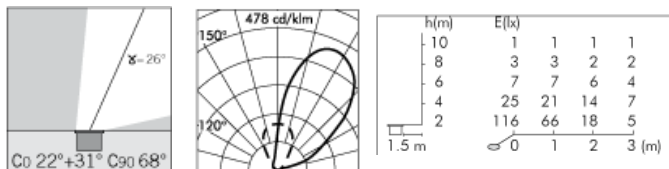


## TECHNICAL DATA SHEET ART. S.5427SC - MEGAPLANO

Version is available on request



HIT-TC CRI 35W G8,5 3300lm  
 Rated luminaire luminous flux: 1947lm  
 Rated input power: 37W  
 Luminaire efficacy: 53lm/W (LOR: 59%)  
 Electronic ballast 220÷240V 0/50/60Hz



### PRODUCT 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 semiacid-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 59% 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  $87^\circ\text{C}$  ( $T_a 25^\circ\text{C}$ ) 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 ( $\varnothing 6 \div 12 \text{ mm}$ ) and sealed with B component epoxy resin, wired internally protected by silicon sheaths. Fast connector M20 ( $\varnothing 5 \div 14 \text{ mm}$ ) IP68 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: 4.5 Kg Glow Wire test:  $750^\circ\text{C}$

Lamp included.

This luminaire is compatible with bulbs of the energy classes: A+. The luminaire is sold with a bulb of the energy class: A+ (Regulation UE 874/2012).

### EMERGENCY VERSIONS

The fittings operates both on AC ( 50/60Hz ) and DC ( 0Hz ) voltage.

**TECHNICAL DATA SHEET ART. S.5427SC - MEGAPLANO  
INCLUDED ACCESSOIRES**



**FAST CONNECTOR INCLUDED**

**ACCESSORIES**



**CAS5423**



**CAS5423**