

# TECHNICAL DATA SHEET

## S.5727.19 MEGAPLANO

SIMES  
luce per l'architettura

### -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.

Front trim in Stainless Steel - Grade AISI 316L with 2,5 -3% molybdenum content, with high resistance against corrosion.

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. Improved protection for Marine applications.

Mechanical resistance of glass IK 09

Maximum load capacity 1000 Kg

### -LIGHTING PERFORMANCE

MIRO 2000 GP reflector in 99.85% pure aluminium .

Toughened semiacid-etched sodic calcic Weiss glass 12mm 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°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 cable section type HO7RN-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 M20 (Ø 5÷14 mm) IP68 supplied as standard for single cable connection .

Connector housed inside the recessing box .

Front re-lamping without removing the complete fitting .

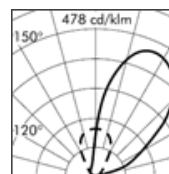
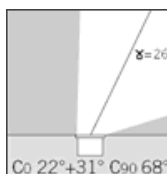
Isolation: CLASS I .

Available colours: STAINLESS STEEL (cod.19).

Weight: 5.2 Kg

Glow Wire test: 750°C

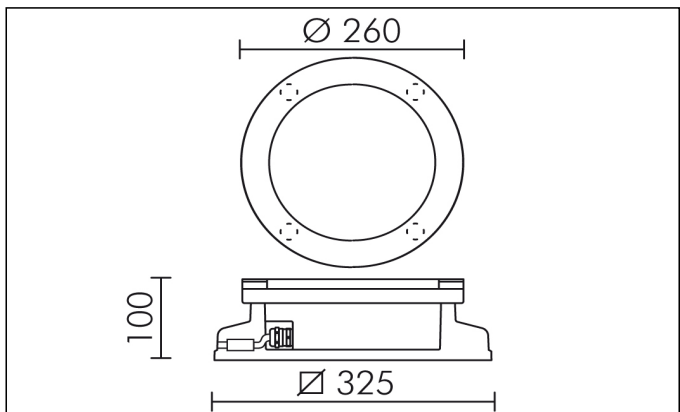
Lamp included.



h(m)	E(lx)			
10	1	1	1	1
8	3	3	2	2
6	7	7	6	4
4	25	21	14	7
2	116	66	18	5

HIT-TC CRI 35W G8,5 3300 lm  
Electronic transformer 220÷240V 0/50/60Hz

CE, IP 67, C2



FAST CONNECTOR INCLUDED

LAST UPDATE 11/03/2010

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