

# Product data sheet

MEGAZIP COMFORT D-L

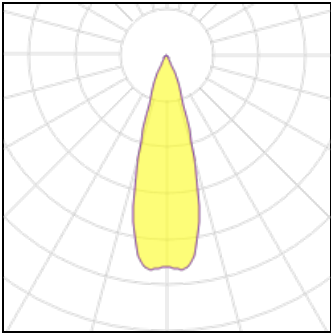
S.5595H.19

SIMES



Version available on request without price surcharge. CEILING RECESSED MOUNTED MEGAZIP DOWNLIGHT SQUARE COMFORT S.5595H 1 module COB 2700K 220-240Vac DIMMABLE DALI2; PUSH Rated module luminous flux: 3419lm Rated luminaire luminous flux: 2464lm Rated module power: 27.2W Rated luminaire power: 31.5W Luminaire efficacy: 78lm/W Voltage (AC): 220-240Vac Frequency (AC): 50/60Hz Voltage (DC): 176-275Vdc (No PUSH DIM) Dimmable: DALI2; PUSH PUSH Synchronization: - Max 4 Luminaires, distance <15m; - Max 35 Luminaires, distance <300m with S.2490 accessory. Electrical insulation class: I Protection class IP: IP65 Mechanical resistance: IK09 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 current at 800mA  $V_{fmin}=31.2Vdc$   $V_{fmax}=36.8Vdc$ . Example SIMES compatible power supplies (check the complete list of the drivers on the catalogue): Art. S.2444 POWER SUPPLY MULTI-POWER 230V/700mA-1050mA DALI2, PUSH DIM IN BOX IP67 35W Art. S.3423 POWER SUPPLY MULTI-POWER 230V/350mA-1050mA IP20 NB: Use 1 Power Supply for each Luminaires LUMINAIRE TYPE False ceiling-recessed down-light fitting. Recessing depth 216 mm. IP rating IP 65 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. 2 mm thick front trim in Stainless Steel - Grade AISI 316L with 2,5-3% molybdenum content. 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 LIGHTING PERFORMANCE Sophisticated optical systems able to considerably reduce glare thanks to the retracted position of the LED. The HI-GRADE lathed anodized reflector is composed of 99,98% pure anodized aluminium with a bright polish finish. Toughened semiacid-etched glass 12mm thick. Lamp adjustable  $\pm 15^\circ$  position. LOR -- INSTALLATION AND MAINTENANCE The luminaires are fixed to the false ceiling by a heavy-duty bracket system, adjustable from inside the luminaire. Model comes with a steel safety wire. WIRING Luminaire hard wired with 0.5m H05RN-F cable. Isolation: CLASS I. Available colours: Stainless steel (cod.19). Weight: 6.9058 Kg Glow Wire test: 850°C LED module included 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).

Light output 1



1 x LED			
Nominal lamp power	31.51 W	LOR	100%
Lamp flux	2464 lm	ULOR	100%
Luminous efficacy	78 lm/W	Total flux	2464 lm
CCT	2606 K	Total power	31.51 W
CRI	92		

Mounting mode

Ceiling recessed

Shape and measurements

Height: 0.20 in

Diameter: 11.10 in

Adjustability

Tiltable

Design

Material impression: Glass, Stainless steel

Designer: SIMES S.P.A.

Electric

System power: 31.51 W

Controller: DALI

Appliance Class: I

Protection

IP: 67

IK: 09

Max. point load: 1000 kg

Designation labels: CE, ENEC