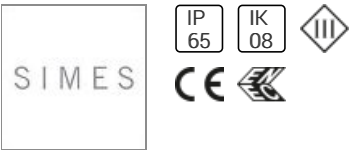


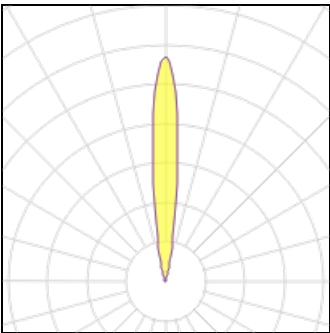
Product data sheet

OVER-ALL
S.1910N
SIMES



Version is available on request. ONGROUND NOT WALKOVER OVER-ALL S.1910N 9 module LED 4000K Max. 700mA Rated module luminous flux:: 2880lm Rated luminaire luminous flux: : 1888lm Rated module power: : 18.3W Rated luminaire power: : 18.3W Luminaire efficacy: : 103lm/W Current : See the SIMES power supply accessories list on the following pages NB: Use 1 Power Supply for each Luminaires: Max. 700mA V_{fmin}=23.4Vdc V_{fmax}=27.9Vdc Electrical insulation class: : III Protection class IP: : IP65 IP67 Mechanical resistance: : IK08 CE ENEC LUMINAIRE TYPE Surface mounted up-light fitting . IP rating IP 65 IP67 MATERIAL CHARACTERISTICS Die cast EN AB-44300 aluminium (low copper content) housing with high corrosion resistance. 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. Mechanical resistance IK 08 Maximum load capacity -- LIGHTING PERFORMANCE Clear polycarbonate lenses. Toughened glass 5mm Micro Over-all, 6mm Mini Over-all, 8mm Over-all. Lamp fixed position. LOR -- LOW SURFACE TEMPERATURE Surface temperature of glass -- (Ta 25°C) INSTALLATION AND MAINTENANCE A4 stainless steel fixing clips. Over-all is supplied with a nylon insulating fixing base and 2 special keys (necessary to remove the luminaire). Allowing direct fixation to the solid ground. WIRING Supply 5m cable section type H05RN-F sealed with B component epoxy resin, wired internally protected by silicon sheaths. Isolation: CLASS III . Available colours: Anthracite grey (cod.24), Aluminium grey (cod.14). Weight: 2.6856 Kg Glow Wire test: -- LED module included OVER-ALL 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 (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 T_q 25°C. Operating ambient temperature range is from -20°C to +50°C. Storage temperature range from -20°C to +60°C.

Light output 1 (integrated)



Lamp type	LED	CCT	3800 K
Nominal lamp power	18.3 W	CRI	86
Total flux	1888 lm	LOR	100%
Luminous efficacy	103 lm/W	Total power	18.3 W

Mounting mode

Standing / Bollard, Floor mounted

Shape and measurements

Height: 0.98 in
Diameter: 0.98 in

Electric

System power: 18.3 W
Appliance Class: III

Adjustability

Fixed

Design

Material impression: Stone

Designer: Marc Sadler

Protection

IP: 65

IK: 08

Designation labels: CE, ENEC