

GEMINI LITE

* LED lighting body for outdoor applications, conceived, designed and manufactured entirely in Italy, consisting of an open frame system, finned dissipating body and finned driver compartment cover in die-cast aluminium, alloy

UNI EN 1676:2010-EN AB-46100.

* The product is developed according to the reference standards EN/IEC 60598-1:2015 and in particular to EN/IEC 60598-2-5.

* Made in Italy brand printed directly on the front of the dissipating body.

* Protractor scale for product inclination adjustment, printed directly on the dissipating body.

* Full painting with polyester powder after RAL7039 trivalent passivation, embossed finish, resistant to salt spray test over 1000hr ASTM B117 to corrosion, abrasion and substances chemical type C4 according to UNI EN ISO 12944 standard, hr>1000 ISO9227.

* Adjustable shaped and slotted steel bracket, electrolytic galvanizing surface treatment.

Maximum product inclination $-90^{\circ}/+90^{\circ}$

* External screws in AISI 304 A2 steel, vandal-proof torx, fixed to the rear part of the product which guarantee total aesthetic cleanliness and absence of fastening elements on the front panel.

* Diffuser in extra-clear flat glass tempered according to UNI EN 12150-1:2019, 4mm thick.

* Reflector in 95% satin aluminum according to EN AW 5005AlMg1

* COB type LED (185lm/W @900mA $T_j=85^{\circ}\text{C}$) color temperature from 3000K to 5000K, standard 4000K.

* CRI greater than or equal to 80, minimum selection guaranteed 3step macAdams.

* Electrical connection guaranteed through cable, multipolar, 3x1.5mm² H07RN, cable gland M20 PA66 IP68

The product does not require opening for installation.

* Thermal transfer is entrusted to a layer of graphite, with vertical and transmissive capacity horizontal of 10W/m-K.

* Standard wattage from 20 to 61W, nominal fluxes (4000K) from 3870lm to 11320lm.

* 2 possible lighting solutions: asymmetric 55° and rotosymmetric 120°

* Full cut-off emission for AS versions, compliant with regional laws regarding pollution bright and UNI 10819.

* Electronic power supply 220-240V 50/60Hz.

* Driver with SPD L-N 1kV, L/L 2kV, flicker $\leq 7.5\%$, $U_r > 85\%$, $\cos\phi 0.95$, harmonic distortion $\leq 15\%$.

* Silicone wiring compartment seals -100/+300°C.

* IP66 protection rating.

* Insulation class I.

* Impact resistance grade IK08, 5J.

* In accordance with the regulatory requirements in EN 62471:2008 the product is classified according to the Group

of "Exempt" risk (i.e. RG0).

* ENEC, CE, Rohs, Reach certification.

* Life expectancy according to LM80 50000h L80 B10 @ t_a 25°C, 30000h, L80 B10 @ t_a 45°C, temperature

standard use -35°C/+45°C.

* Energy saving class B according to EU regulation Reg.2019/2015

* Eco-friendly product, with over 80% of the components used recyclable.

* Available on request with DALI power supply, variable current and “Virtual” type flux reduction systems
Midnight”, SPD 10kV, protection grids.

* Standard 5 year warranty. *