

VENTO

* The product is a class II LED street lighting equipment, conceived, designed and made entirely in Italy, consisting of a body and an upper bearing in die-cast aluminum, alloy UNI EN 1676: 2010-EN AB-46100.

* Made in Italy brand printed directly on the lower cover of the wiring compartment in die-cast aluminum, UNI EN 1676: 2010-EN AB-46100 alloy.

* 60mm diameter pole attachment in die-cast aluminum, UNI EN 1676: 2010-EN AB-46100 alloy.

* 90 ° joint system for pole-top or whip / arm installation with adjustable steps

7.5 ° + 15 ° / -7.5 °.

* Standard pole attachment diam. 60mm.

* Integral painting with polyester powder after trivalent passivation RAL7039, embossed finish, high corrosion resistance,

resistant to salt spray test above 1000hr ASTM B117 to corrosion, abrasion and substances

chemical type C4 according to UNI EN ISO 12944 standard, hr> 1000 ISO9227.

* External screws in AISI 304 A2 steel.

* Passive dissipation system.

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

* Surface exposed to the wind less than 0.1 m².

* Degree of protection IP66.

* IK08, 5J impact resistance grade.

* Maximum weight 5.25 Kg.

* Power type LED (> 188lm / W @ 700mA Tj = 85 ° C) color temperature from 2200K to 5000K, standard 4000K.

* CRI greater than or equal to 70, minimum guaranteed selection 3step macAdams.

* Metal Core Printed Circuit Board (MCPCB) modules, 3kV electrical insulation resistance.

* Electrical connection guaranteed through cable, multipolar, L = 1.5mt 3x1.5mmq H07RN, cable gland M20 PA66 IP68

The product does not require opening for installation.

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

* Standard wattage from 24W to 72W, nominal fluxes (4000K) from 4520lm to 13560lm.

* Multi-lens optical clusters, made by injection molding in methyl methacrylate polymer, PMMA anti UV HB UL94 900 ° gwfi IEC60695-2-12 SAE J576 according to Zhaga standard

* 3 possible lighting solutions: asymmetrical 55 °, road type ME3M, CYC for sidewalks and cycle paths.

* Full cut-off emission for AS and ME3M versions, compliant with regional laws on pollution

bright and UNI 10819.

* The product is developed according to the reference standards EN / IEC 60598-1: 2015 and in particular to EN / IEC 60598-2-3: 2003; A1.

* In accordance with the regulatory requirements present in EN 62471: 2008 (photobiological risk), the product is

classified according to the "Exempt" risk group (ie RG0).

* ENEC, CE, Rohs, Reach certification.

* Wiring compartment gaskets in EPDM, available in silicone.

* Life expectancy according to LM80 80000h L90 B10 @ t_a 25°C, 62000h, L90 B10 @ t_a 50°C, standard use temperature -35°C / + 50°C.

* Resistance to impulse overvoltages 10kV in common mode; 6kV in differential mode, protection overvoltage with automatic shutdown > 285V, overload protection (limitation of output voltage); short circuit protection (output current limitation); protection at overvoltages (disconnection of the neutral); overtemperature protection, with the first threshold decreasing by current (NTC), second with electrical disconnection of the product; according to EN 61000-4-5.

* $\cos\phi$ 0.98, harmonic distortion <5%, flicker </ = 4%, U_r > 95%

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

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

* Ready for integration with NEMA socket 5/7 pin ANSI C136.41 and Zhaga Book 18 system.

* Standard 5-year warranty.

* Available on request with DALI power supply, variable current and "Virtua Midnight" type flux reduction systems, SPD 10kV.

* Integration with control systems, remote management, with flow regulation through applications integrated within the driver and virtual midnight scenarios.

On request pole adapters diam. 42 and 76 mm.