

- * Body: extruded anodized EN AW-6060 aluminum, entirely conceived, designed and manufactured in Italy, able to guarantee high resistance to corrosion, chemical and atmospheric agents with high wear resistance; extremely light and compact, created to combine efficiency and effectiveness. Ideal for lighting industrial areas and production environments in heavy-duty applications.
- * Wiring compartment cover in die-cast aluminum, EN AB 46100 alloy.
- * Wiring compartment mechanically and thermally separated from the optical compartment.
- * Length available: 576mm/1147mm/1717mm.
- * Passive dissipation system.
- * The product is developed according to the reference standards EN / IEC 60598-1.
- * Side closures painted with polyester powder after trivalent passivation RAL7039, embossed finish, resistant to salt spray test above 1000hr ASTM B117 to corrosion, abrasion and chemical substances type C4 according to UNI EN ISO 12944 standard, hr> 1000 ISO9227.
- * Rapid ceiling fixing system in AISI 304 A2 stainless steel.
- * External screws in vandal-proof AISI 304 A2 stainless steel.
- * Linear optical clusters, made by injection molding in methyl methacrylate polymer, PMMA anti UV HB UL94 900 ° IEC60695-2-12 SAE J576 developed with innovative ELA (Extended Light Area) and CLC (Constant Light Color) system.
- * Optics available at 90°. 145° optics on request.
- * LED modules: powered from 210mA to 700mA, with efficiency up to 174lm/W. Color temperature: 4000K.
- * Metal Core Printed Circuit Board (MCPCB) modules, 3kV electrical insulation resistance.
- * CRI greater than or equal to 80, minimum guaranteed selection 3step macAdams.
- * Standard wattage from 10W to 99W, nominal fluxes (4000K) from 1685lm to 16182lm.
- * Electronic driver 90-305V 50/60Hz.
- * Resistance to impulse overvoltages 10kV in common mode; 5kV in differential mode, overvoltage protection with automatic shutdown> 285V, overload protection (output voltage limitation); short circuit protection (output current limitation); overvoltage protection (neutral disconnection); overtemperature protection according to EN 61000-4-5.
- * Driver with SPD L-N 4kV, L/L 6kV, flicker (current ripple) $\leq 2\%$, $U_r > 95\%$, $\cos\phi 0.96$, harmonic distortion $\leq 10\%$.
- * Protected electrical connection guaranteed through junction box in PA6 16A 400V t_{100} IEC IP66/68 IEC61535. The product does not need to be opened for installation.
- * Optical seals in Silicone -100/+300C°.
- * Degree of protection IP66.
- * Class I insulation.
- * IK08, 5J impact resistance grade.

* In accordance with the regulatory requirements present in EN 62471: 2008, the product is classified according to the "Exempt" risk group (i.e. RG0).

* CE, Rohs, Reach certification.

* Life expectancy according to LM80, LM79, TM21 test 80.000h L80 B10 @ ta25, 50.000h L80 B10 @ ta50, standard use temperature -40°C/+50°C.

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

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

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

* On request IK10 protection grille, stainless steel shaped and slotted adjustable rotation brackets, Maximum product inclination +/-90°.

* Standard 3-year warranty.