

## HEXAGON SQ

- Class I LED fitting for indoor applications completely conceived, designed and manufactured in Italy, consisting of elements in aluminum alloy and steel
- Modular High Bay extremely light and compact, created to combine efficiency, effectiveness, flexibility and elegance. Ideal for lighting industrial and commercial areas
- Body and finned rotation elements for maximum heat dissipation, made of die-cast aluminum  
UNI EN 1676: 2010 - EN AB-46100
- Frame made of steel, electrolytic zinc plating surface treatment
- Fixing bracket made of steel with electrolytic galvanizing surface treatment
- Quick fixing system with bayonet connection
- Painting with polyester powder after trivalent passivation RAL7039, embossed finish, corrosion resistant to salt spray test above 1000hr ASTM B117, abrasion and chemicals type C4 according to standard [UNI EN ISO 12944] hr <1000 [ISO 9227]
- External screws in AISI 304 A2 steel
- Passive dissipation system
- Power LED type (140lm/W @800mA Ta = 25°C) 4000K color temperature, available in 3000K and 5700K
- LED system life span: 60000h L90 B10 @ta25°C; 50000h L80 B10 @ta50°C (LM80, LM79, TM21 test)
- CRI greater than or equal to 80, minimum guaranteed selection 3step macAdams
- Metal Core Printed Circuit Board (MCPCB) modules, 3kV electrical insulation resistance
- Electrical connection guaranteed by quick coupling terminals, double insulation conductors with 0.75 mm<sup>2</sup> section H05RN-F with removable driver with tools housed in the casing
- Thermal transfer guaranteed by a graphite layer with vertical and horizontal transmissive capacity of 10W / m-K
- Standard power from 120 to 240W, nominal fluxes from 15000 to 30000lm
- IP66 multi-lens optical clusters, made by injection molding in methyl methacrylate polymer, PMMA anti UV UL94 compliant with incandescent wire resistance at 700°C
- 2 possible lighting solutions, rotosymmetrical 120° and 60°
- In accordance with the regulatory requirements present in EN 62471: 2008 (photobiological risk) the product is classified according to the "Exempt" risk group (RG0)
- ENEC, CE, RoHS, Reach certification
- The product complies with the reference standards EN/IEC 60598-1:2015
- Driver gasket in silicone resin, driver protection degree IP67
- Optical silicone gaskets
- Product protection degree IP65
- IK05 degree of impact resistance
- Electronic power supply 220-240V 50/60Hz
- Flicker% ≤ 4
- Harmonic distortion% ≤ 7
- Resistance up to 8kV impulse overvoltages in common mode; 6kV in differential mode, overvoltage protection with automatic shutdown >285V, overload protection (limitation of the output voltage); short circuit protection (limitation of the output current); overvoltage protection (neutral disconnection); overtemperature protection with electrical disconnection of the product according to EN 61000-4-5
- Cosφ 0.95, harmonic distortion <4%
- Class D energy saving according to directive 2009/125/EC
- Eco-friendly product, with over 80% of recyclable components
- Made in Italy logo drawn on the upper carter to prove the real origin of the product
- Available with DALI power supply, variable current
- Protection grille and rotation bracket available on request
- Standard 3 year warranty