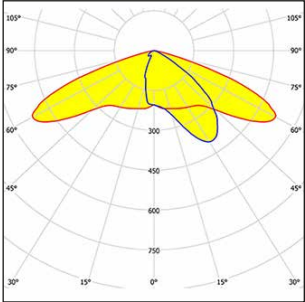


L	660 mm
A	440 mm
H	166 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).
Initial luminous flux of the luminaire 11738 lm.
Asymmetric distribution with wide bilateral.
BUG (Backlight, Uplight, Glare) IESNA TM-15: B2 U0 G2.
Luminous efficacy 114 lm/W.
Lifetime (L93/B10): 30000 h. (tq+25°C)
Lifetime (L90/B10): 50000 h. (tq+25°C)
Lifetime (L85/B10): 80000 h. (tq+25°C)
Lifetime (L80/B10): 100000 h. (tq+25°C)
Lifetime (L90/B20): 50000 h. (tq+45°C)
Sudden decreased luminous flux after 50000 hours: 0% (C0).
Photobiological safety in compliance with IEC/TR 62778: RG0 risk exempt, (IEC 62471).
In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards.

SOURCE

Squared LED module 100W/830.
Source with special protection against aggressive chemically-volatile substances for standard LED technology.
Energy efficiency class (UE 2019/2020 - UE 2019/2015): E.
CIE 13.3 Colour rendering index: CRI >80 (R9 <50%).
IES TM-30 Fidelity Index: Rf = 84 Rg = 95.
CCT nominal colour temperature 3000 K.
Colour initial tolerance (MacAdam): SDCM 5.

MECHANICAL

Aerodynamically-shaped die-cast aluminium double-shell body for low wind resistance (frontal: 0.0446 m²; lateral: 0.0505 m²), equipped with fins to optimize the cooling of the internal components.
Shell closure using stainless steel screws on stainless steel bushings, with hinged opening for easy access to the wiring compartment, equipped with system against accidental closure.
Polyester powder coating with degreasing pre-treatment and phosphate layer deposit on the metal, UV stabilised, corrosion resistant, anthracite colour, salt spray resistance ISO 9227 >1000 h.
Parabolic cellular optics with total recovery, entirely made of semi-specular high reflection aluminium with titanium and magnesium surface treatment, to maintain optical performance over time.
Polyurethane foam seals, ecological, anti-aging, installed using a continuous automatic process with no joints.
VT extra transparent tempered glass diffuser, 4 mm thick, non-combustible, with Heat Soak Test (HST) thermal treatment, which drastically reduces the risk of spontaneous breakage.
Stainless steel internal and external screws.
Luminaire with limited surface temperature. - D - (EN 60598-2-24)
Dimensions: 660x440 mm, height 166 mm. Weight 10.655 kg.
IP66 protection degree.
Mechanical strength to impacts IK08 (5 joule).
Glow-wire test resistance 960°C.

ELECTRICAL

Halogen Free electronic wiring 230V-50/60Hz, power factor 0.97, THD <25%, constant output current, class I, 1 driver.
Power of the luminaire 103 W.
ENEC - CE.
SAFE FLICKER: PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light.
Ambient temperature from -20°C to +45°C.
Temperature class T6 max 85°C.
Safety break switch to shut off the power supply when opening the device.
Insulation voltage 6kV via Surge Protector.
SPD type 2+3 (combined) device to protect against voltage surges up to 10 kV in common and differential mode.
Thermal protection of the LED module via NTC sensor (Negative Temperature Coefficient).
M20x1.5 IP68 nylon cable gland for feeding input (cables with an min-max diameter 6-13mm).
Pressure compensating valve with anti-condensation effect.
Relative humidity UR: <85%.

INSTALLATION

Post-top / arm / wall.
Installation with always necessary "Pole fixing" accessory (see accessories).
All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com.

ACCESSORIES

Pole mount in die-cast aluminium with the same paint treatment as the body (for Ø 60 mm and Ø 76 mm poles) equipped with special teeth for adjusting the inclination on the head of the device by ± 20° with an adjustment pitch of 5°.
Possibility of installing on vertical pole (pole head) and horizontal pole (arm).
Mounting on the device using the supplied stainless steel screws on self-locking stainless steel nuts.
A0439 - Pole mounting diameter 60 mm.
A0440 - Pole mounting diameter 76 mm.

APPLICATIONS

Outdoor environments, general lighting, work and roadway lighting, transit areas and building perimeters, parking lots, trade fairs.
Control of upward light pollution in accordance with current regulations, with horizontal positioning of the device.

LIGHT MANAGEMENT

Upon request, the appliance can be supplied with "Virtual Midnight" programming.

WARNING

Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

Performances are measured and certified by our CTFs2 Photometric Laboratory (EN 13032, IES LM79); Test and Inspections (EN IEC 60598-1, CISPR 15, IEC 61547). Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process. Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).