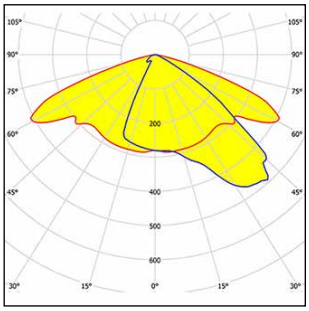
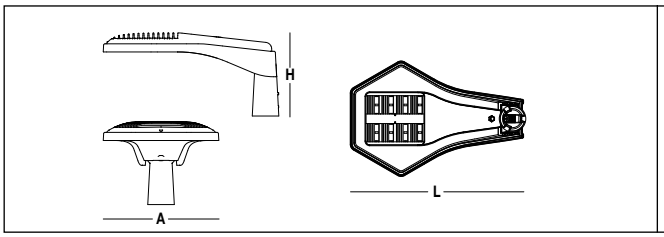
7010 - 3F Manta AN 75/730 MEDIUM L660





L	660 mm
A	440 mm
H	166 mm

ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.
Initial luminous flux of the luminaire 9516 lm.
Asymmetric distribution with medium bilateral.
BUG (Backlight, Uplight, Glare) IESNA TM-15: B3 U0 G2.
Luminous efficacy 124 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 RG0, risk exempt, in compliance with IEC 62471, IEC/TR 62778.
In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards.

SOURCE

Squared LED module 75W/730 with special protection against aggressive chemically-volatile substances, for standard LED technology.
CIE 13.3 Color rendering index: CRI >70.
IES TM-30 Fidelity Index: Rf = 72 Rg = 95.
CCT nominal color temperature 3000 K.
Color initial tolerance (MacAdam): SDCM 5.

MECHANICAL CHARACTERISTICS

Aerodynamically-shaped die-cast aluminium double-shell body for low wind resistance, 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 stabilized, 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.
Dimensions: 660x440 mm, height 166 mm. Weight 16.2 kg.
IP66 protection degree.
Mechanical strength to impacts IK09 (10 joule).
Glow-wire test resistance 960°C.

ELECTRICAL CHARACTERISTICS

Halogen Free electronic wiring 230V-50/60Hz, power factor >0.97, constant output current, class I, 1 driver.
Power of the luminaire 77 W.
CE - IEC 60598-1 - EN 60598-1.
Flicker: <10%.
Ambient temperature from -30°C to +45°C.
Safety break switch to shut off the power supply when opening the device.
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.

INSTALLATION

Pole and side head.
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 light pollution, in accordance with the legislative requirements in force.

LIGHT MANAGEMENT

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

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).

3F Filippi S.p.A.
Via del Savena 28, Z.I. Piastrella - 40065 Pian di Macina, Pianoro (Bologna), Italy
Tax Code. 01033260371 - VAT no. IT00529461204 - Share Capital € 3,000,000 fully paid up
Bologna Register of Companies no. 01033260371 - REA (economic administrative index) No. 234613

Web www.3F-Filippi.com
e-Mail 3F-Filippi@3F-Filippi.it
Telephone +39.051.6529611
Fax +39.051.775884