



ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 90%, ULOR 10%).
 Initial luminous flux of the luminaire 2335 lm.
 Diffused symmetric distribution.
 Installation Interdistance Transv.D = 1.26 x hu - Long.D = 1.25 x hu.
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 20.4 - 20.4.
 Beam angle: 117° - 116°.
 Luminous efficacy 123 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)
 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

Circular LED module 22W/940.
 Energy efficiency class (UE 2019/2020 - UE 2019/2015): E.
 CIE 13.3 Colour rendering index: CRI >90 (R9 >50%).
 IES TM-30 Fidelity Index: Rf = 92 Rg = 101.
 CCT nominal colour temperature 4000 K.
 Colour initial tolerance (MacAdam): SDCM 3.

MECHANICAL

Housing in glazed self-extinguishing V2 polycarbonate, UV stabilised, injection moulded.
 Ecologic anti-aging injected sealing gasket.
 Gear-tray reflector unit in aluminium, painted in white epoxy-polyester, fixed to the housing by quick-fastening steel devices, hinged opening.
 Diffuser in opal methacrylate (PMMA), injection moulded.
 Snug fit safety snap-lock clips for diffuser mounting in transparent polycarbonate, screwdriver opening.
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)
 Dimensions: diameter 380 mm, height 117 mm. Weight 1.55 kg.
 IP64 protection degree.
 Mechanical strength to impacts IK02 (0.2 joule).
 Glow-wire test resistance 650°C.

ELECTRICAL

Halogen Free DALI-2 DATI (Parts 251, 252, 253), PUSH-DIM, electronic wiring 230V-50/60Hz, power factor 0.90 at full load, THD <25%, constant output current, SELV, class I, 1 driver, 1 DALI address.
 Power of the luminaire 19 W.
 CE - IEC 60598-1 - EN 60598-1.
 SAFE FLICKER: PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light.
 Luminaire compliant with EN 60598-2-22 for power supply from a centralised emergency system CPSS (Central Power Supply System), not incorporated in the luminaire - high risk areas excluded. The default power and flux are 100% in AC and 15% in DC.
 Ambient temperature from 0°C to +25°C.
 Temperature class T6 max 85°C.
 Relative humidity UR: <85%.

INSTALLATION

Ceiling / Wall.

APPLICATIONS

Suitable product for food production plants (HACCP), IFS (Food), BRC (GSFS Food).
 Transit areas, stairwells. Environments where a diffused lighting provides visual comfort.
 Virtually in all environments compatibly with the emissions/atmospheres compromising the use of plastic materials. Not suitable for installation on surfaces subject to important vibrations, exposed to weather conditions.

LIGHT MANAGEMENT

Recommended minimum setting: 10%.
 The luminaire, equipped with (DALI-2 DATI) driver, can be controlled manually with 3F Easy Dim technology or automatically/manually with wired or wireless DALI/D2D control systems.
 The D2D driver guarantees interoperability with other devices with the same certification by making the following information available:
 Device Data (Part 251), Energy Report (Part 252), Diagnosis & Maintenance (Part 253).
 In electrical systems without a regulation system (manual or automatic) and DALI bus, a suitable jumper must be made on the DA-DA terminals of the appliance.

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).

Dimensions and specifications subject to alterations without notice.

ST.20260410 - Page 1 of 1

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