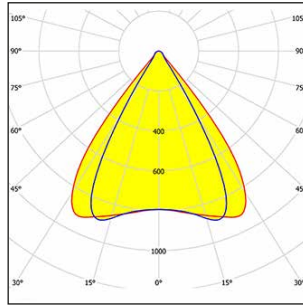


Design by Park Associati



	L	1174 mm
	A	57 mm
	H	80 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).
 Initial luminous flux of the luminaire 1776 lm.
 Direct symmetric distribution.
 Installation Interdistance Transv.D = 1.32 x hu - Long.D = 1.00 x hu.
 Average luminance <1500 cd/m² for radial angles >65°.
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 15.5 - 11.9.
 Beam angle: 75° - 59°.
 Luminous efficacy 122 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

Linear LED module 12W/830.
 Energy efficiency class (UE 2019/2020 - UE 2019/2015): C.
 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 3.

MECHANICAL

Extruded aluminium housing.
 White colour body and heads RAL 9003 matt with embossed finish for maximum resistance to touch and scratches.
 Removable gear-tray.
 Hot-dip galvanised steel linear connecting element installed on the body for rapid mechanical connection.
 Transparent methacrylate (PMMA) lenses with different facets to optimise the direction of the luminous flux.
 Anti-reflective white polycarbonate alveolar optic.
 White colour PVC superior closure top.
 Black PVC cover.
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)
 Dimensions: 1174x57 mm, height 80 mm. Weight 3.295 kg.
 IP40 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, class I, 1 driver, 1 DALI address.
 Power of the luminaire 14,5 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.
 Entrance to the upper power supply in proximity to a power head.
 5 mm² section 1.5 pin through line with an irreversible quick coupling plug/socket fixed on the body for rapid electrical connection.
 Branching via an irreversible quick coupling plug to connect the cable housing element to the socket.
 Relative humidity UR: <85%.

INSTALLATION

Ceiling / Suspended.
 In the channel versions, the FastWiring system drastically reduces the installation time.
 All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com.

ACCESSORIES

Pair of end caps.

APPLICATIONS

Environments with very exacting visual tasks and control of luminance at angles of >45° compared to the LEED certification.
 Offices with video terminals, managerial offices and staterooms, meeting rooms and school.

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.

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3F Filippi S.p.A.

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