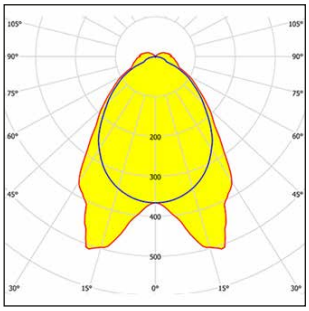
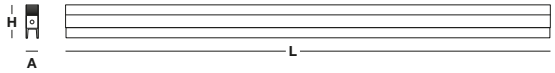
60019 - 3F Solo L WH HO 28/830 DALI L1475

Design by Atelier(s) Alfonso Femia





L	1475 mm
A	35 mm
H	100 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 93%, ULOR 7%).
Initial luminous flux of the luminaire 3466 lm.
Direct symmetric distribution.
Installation Interdistance Transv.D = 1.35 x hu - Long.D = 1.13 x hu.
Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 21.1 - 20.3.
Beam angle: 77° - 68°.
Luminous efficacy 105 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 28W/830.
Energy efficiency class (UE 2019/2020 - UE 2019/2015): D.
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 with horizontal side stripes and end caps in white polycarbonate RAL 9003 matt with embossed finish for maximum resistance to touch and scratches.
Non-iridescent high efficiency specular aluminium with a titanium and magnesium surface treatment flow recuperator.
Transparent methacrylate (PMMA) anti-glare filter.
U-shaped lens made in methacrylate (PMMA) characterised by satin-finished inner etchings and a polished outer surface, designed to maximise the light output.
Upper film in translucent polycarbonate, self-extinguishing, UV stabilised.
Luminaire with limited surface temperature. - D - (EN 60598-2-24)
Dimensions: 1475x35 mm, height 100 mm. Weight 2.475 kg.
IP40 protection degree.
Mechanical strength to impacts IK02 (0.2 joule).
Glow-wire test resistance 650°C.

ELECTRICAL

Halogen Free DALI-2, PUSH-DIM, electronic wiring 230V-50/60Hz, power factor 0.95 at full load, THD <25%, constant output current, SELV, class I, 1 driver, 1 DALI addresse.
Power of the luminaire 33 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-pole terminal block, single 230V circuit, 1 DALI addresse.
Relative humidity UR: <85%.

INSTALLATION

Ceiling / Suspended.
All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com.

SUPPLIED

2 m transparent 5x0.75 mm² power cable.

APPLICATIONS

Environments where dynamic, soft and diffuse light is required for optimal visual comfort.

LIGHT MANAGEMENT

Recommended minimum setting: 10%.
The device, equipped with DALI-2 driver, can be controlled manually with 3F Easy Dim technology or automatically/manually with 3F Smart Dimming technology and/or centralised DALI systems.
DALI-2 certification guarantees interoperability with other devices with the same certification.
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).

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