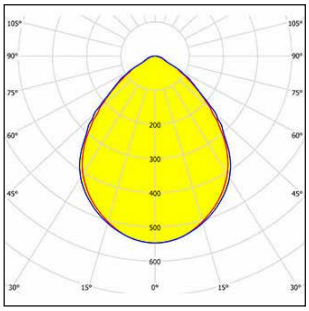
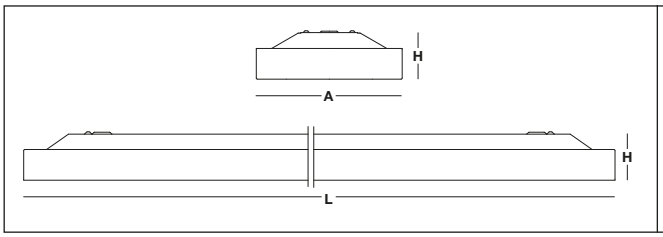
11542 - 3F Travetta LED 2x22W DALI LGS L1590





L	1590 mm
A	190 mm
H	60 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).
Initial luminous flux of the luminaire 5686 lm.
Direct symmetric distribution.
Installation Interdistance Transv.D = 1.13 x hu - Long.D = 1.17 x hu.
Average luminance <3000 cd/m² for radial angles >65°.
Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 18.6 - 19.4.
Beam angle: 86° - 89°.
Luminous efficacy 116 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

2 linear LED modules 22W/840.
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 4000 K.
Colour initial tolerance (MacAdam): SDCM 2.

MECHANICAL

Housing with squared shape in white painted galvannealed steel, with nonreflecting surface.
Flow recuperator in semi-glossy aluminium.
LGS micro-prismatic flat diffuser in transparent methacrylate (PMMA), multi-lenticular exterior, anti-glare.
Anti-glare opal polycarbonate filter for brightness uniformity.
Luminaire with limited surface temperature. - D - (EN 60598-2-24)
Dimensions: 1590x190 mm, height 60 mm. Weight 5.29 kg.
IP20 protection degree.
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 0.95 at full load, THD <25%, constant output current, SELV, class I, 1 driver, 1 DALI addresse.
Power of the luminaire 49 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.
5-pole terminal block for cascade line connection with connection capacity 2x2.5 mm².
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.

APPLICATIONS

In environments, even with reduced height, requiring a comfortable light.
Exhibitions area, halls, great halls and shops.
In environments with VDTs, managerial offices and staterooms, public offices and schools.

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).

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