



L	848 mm
ø	60 mm

Highly attractive full-spectrum tubular grow light with a blind side.

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 76%, ULOR 24%).
 Initial luminous flux of the luminaire 1243 lm.
 Total widespread distribution.
 Installation Interdistance Transv.D = 1.44 x hu - Long.D = 1.26 x hu.
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 22.4 - 18.7.
 Beam angle: 161° - 100°.
 Luminous efficacy 89 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/930.
 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 3000 K.
 Colour initial tolerance (MacAdam): SDCM 3.

MECHANICAL

Supporting structure in extruded aluminium with upper guide to leave the fixing centre distance free.
 Terminal blind cable holder element with ribbed finish and polycarbonate closing heads.
 Matt champagne RAL 1035.
 Anti-glare diffuser screen in opal polycarbonate for total light emission.
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)
 Dimensions: length 848 mm, diameter 60 mm.
 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) electronic wiring 230V-50/60Hz, power factor 0.95 at full load, THD <25%, constant output current, SELV, class I, 1 driver, 1 DALI address.
 Power of the luminaire 14 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 100% in DC.
 Ambient temperature from 0°C to +25°C.
 Temperature class T6 max 85°C.
 Relative humidity UR: <85%.

INSTALLATION

Ceiling / Suspended / Wall.
 Free fixing centre distance using sliding brackets on the upper profile.
 All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com.

SUPPLIED

Transparent power cable 5x0.75 mm² in length 1 m.

APPLICATIONS

Environments where dynamic, soft and diffuse light is required for optimal visual comfort. Particularly suitable for low height environments.
 Environments: architectural, commercial, staterooms, banks.
 Environments: recreational, transit areas, corridors, schools, stairwells.

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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