

## A20670 - 3F Linux L 50/940 LED DALI UGR L1778 (IP54)



	<b>L</b>	1778 mm
	<b>A</b>	62 mm
	<b>H</b>	32 mm

### Light unit for structure continues 3F Linux S.

#### ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 97%, ULOR 3%).  
 Initial luminous flux of the luminaire 6098 lm.  
 Direct symmetric distribution.  
 Installation Interdistance Transv.D = 1.39 x hu - Long.D = 1.30 x hu.  
 Average luminance <3000 cd/m<sup>2</sup> for radial angles >65°.  
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 18 - 16.4.  
 Beam angle: 78° - 75°.  
 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)  
 Lifetime (L85/B10): 50000 h. (tq+45°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 50W/940.  
 Source with special protection against aggressive chemically-volatile substances for standard LED technology.  
 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

Light unit in hot-galvanised steel, painted in white polyester base with fixing springs and retractable safety hooks in stainless steel.  
 Transparent methacrylate (PMMA) controlled distribution lenses with flat external surface.  
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)  
 Dimensions: 1778x65 mm, height 71 mm. Weight 2.39 kg.  
 IP40 protection degree.  
 In combination with the appropriate accessories: IP54 protection degree.  
 Mechanical strength to impacts IK06 (1 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, class I, 1 driver, 1 DALI address.  
 Power of the luminaire 50 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 +40°C.  
 Temperature class T6 max 85°C.  
 Connection to the structure with 5-pin plug with phase selection (H05Z-U Halogen Free cable section 0.5 mm<sup>2</sup> HT90).  
 Relative humidity UR: <85%.

#### INSTALLATION

Ceiling / Suspended / Wall.  
 All accessories dedicated to this product are available on the Catalog and on our website [www.3F-Filippi.com](http://www.3F-Filippi.com).

#### STRUCTURE

Hot-galvanised wired structure, painted in polyester base white, obtained through rolling process, with expanded EPDM rubber profiles.  
 Linear connecting element in hot galvanised steel with gasket for the formation of continuous channels, standard on L3556 versions (optional for other lengths).  
 Transparent polycarbonate IP54 cover element with methacrylate (PMMA) flexible parts.  
 The L3556 versions have a locking collar for joining the covers.  
 A20723 - 33F Linux system 7P IP54 L3556, structure with through-wiring 7-pole.  
 A20724 - 33F Linux system 7P IP54 L1778, structure with through-wiring 7-pole.  
 A20725 - 33F Linux system 5P IP54 L3556, structure with through-wiring 5-pole.  
 A20726 - 33F Linux system 5P IP54 L1778, structure with through-wiring 5-pole.

#### APPLICATIONS

Suitable product for food production plants (HACCP), IFS (Food Version 6), BRC (GSFS Food Version 7).  
 In commercial environments, exhibition areas, shops and stores.  
 In environments with VDTs, managerial offices and staterooms, public offices and schools.

#### 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).

Dimensions and specifications subject to alterations without notice.

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