

# Product data sheet

3F LINUX L 40/940 LED DALI UGR L1778 (IP40)

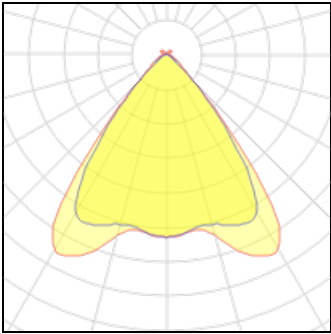
A20671

3F FILIPPI



Light unit for structure continues 3F Linux S. ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 97%, ULOR 3%). Initial luminous flux of the luminaire 5670 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 17.9 - 16.3. Beam angle: 78° - 75°. Luminous efficacy 142 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+50°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 40W/940. 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: R<sub>f</sub> = 92 R<sub>g</sub> = 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: 1778x62 mm, height 65 mm. Weight 2.33 kg. IP40 protection degree. Mechanical strength to impacts IK06 (1 joule). Glow-wire test resistance 650°C. ELECTRICAL Halogen Free DALI, 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 40 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 +50°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. Saline-mist resistance equal to 300hrs and damp resistance equal to 700hrs. Through-wiring 5 or 7 poles with cables H07Z-U Halogen Free section 2.5 mm<sup>2</sup> HT90, with quick connecting terminal, irreversible, start / end and intermediate power towers. Linear connecting element in hot galvanised steel already mounted on one end to form continuous channels, only L3556 structures. A20017 - 3F Linux S 5P L3556, structure with through-wiring 5-pole. A20019 - 3F Linux S 5P L1778, structure with through-wiring 5-pole. A20024 - 3F Linux S 7P L3556, structure with through-wiring 7-pole. A20026 - 3F Linux S 7P L1778, structure with through-wiring 7-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 driver, can be controlled manually with 3F Easy Dim technology or automatically/manually with 3F Smart Dimming technology and/or centralised DALI systems. 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.

Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	40 W	CRI	90
Total flux	5670 lm	LOR	100%
Luminous efficacy	142 lm/W	ULOR	3%
		Total power	40 W

Mounting mode

Ceiling mounted, Pendant

Shape and measurements

Length: 70.00 in

Width: 2.44 in

Height: 1.26 in

Adjustability

Fixed

Design

Color of housing: White

Electric

System power: 40 W

Appliance Class: I

Protection

IP: 40

IK: 06