

# Product data sheet

3F LINUX L 40 LED DALI AMPIO L1778 (IP54)

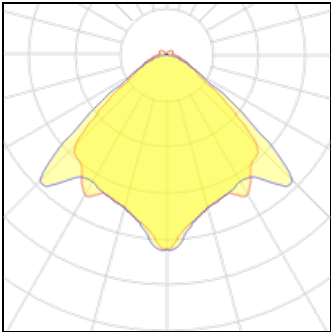
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Light unit for structure continues 3F Linux S. ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 96%, ULOR 4%). Initial luminous flux of the luminaire 6607 lm. Symmetric wide direct distribution. Installation Interdistance Transv.D = 1.23 x hu - Long.D = 1.12 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 21.5 - 22.2. Beam angle: 98° - 104°. Luminous efficacy 165 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/840. Energy efficiency class (UE 2019/2020 - UE 2019/2015): C. 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 3. MECHANICAL Light unit in hot-galvanised steel, painted in white polyester base with fixing springs and retractable safety hooks in stainless steel. Lenses for wide distribution, in transparent methacrylate (PMMA) with external flat surface. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 1778x65 mm, height 71 mm. Weight 2.355 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, 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 addresse. 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 +45°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 mm² 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. 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	80
Total flux	6607 lm	LOR	100%
Luminous efficacy	165 lm/W	ULOR	4%
		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: 54

IK: 06