

# Product data sheet

3F LINUX DR 2X30 LED DALI L1778

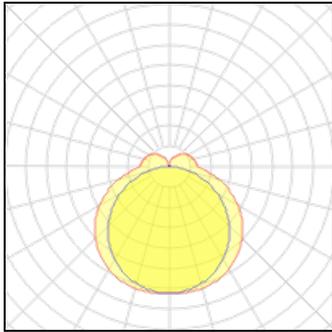
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Light unit for structure continues 3F Linux S. ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 86%, ULOR 14%). Initial luminous flux of the luminaire 7856 lm. Diffused symmetric distribution. Installation Interdistance Transv.D = 1.38 x hu - Long.D = 1.25 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 25.8 - 24.4. Beam angle: 136° - 112°. Luminous efficacy 119 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 30W/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 3. MECHANICAL Light unit in hot-galvanised steel, painted in white polyester base with fixing springs and retractable safety hooks in stainless steel. Rectangular screen in self-extinguishing polycarbonate, UV stabilised, opal, with smooth outer surface. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 1778x62 mm, height 81 mm. Weight 2.485 kg. IP40 protection degree. Mechanical strength to impacts IK06 (1 joule). Glow-wire test resistance 850°C. ELECTRICAL Halogen Free DALI, 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 address. Power of the luminaire 66 W. ENEC - CE. 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 +30°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. 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	66 W	CRI	80
Total flux	7856 lm	LOR	100%
Luminous efficacy	119 lm/W	ULOR	14%
		Total power	66 W

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### Mounting mode

Ceiling mounted, Pendant

### Shape and measurements

Length: 70.00 in

Width: 2.44 in

Height: 3.19 in

### Adjustability

Fixed

### Design

Color of housing: White

### Electric

System power: 66 W

Appliance Class: I

### Protection

IP: 40

IK: 06