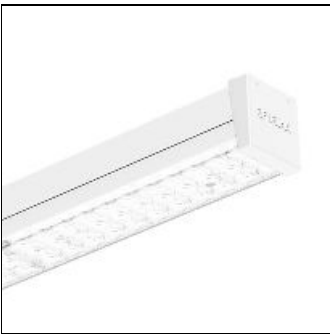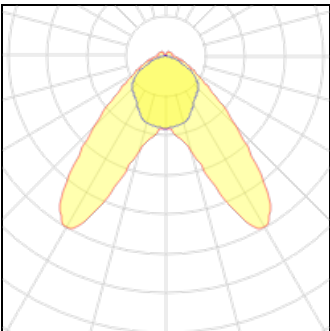# Product data sheet

3F LINUX L 60 LED BAT WD L1778 (IP54)
A20608
3F FILIPPI

IP 54 IK 06

Light unit for structure continues 3F Linux S. ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 96%, ULOR 4%). Initial luminous flux of the luminaire 9276 lm. Direct wide double symmetric distribution. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 24.1 - 24.4. Beam angle: 30° - 98°. Luminous efficacy 167 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+40°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 60W/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 with wide BAT double asymmetric distribution in transparent methacrylate (PMMA) with flat external surface. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 1778x65 mm, height 71 mm. Weight 2.375 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 electronic wiring 230V-50/60Hz, power factor 0.95, THD <25%, constant output current, class I, 1 driver. Power of the luminaire 55.5 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 100% in DC. Ambient temperature from 0°C to +35°C. Temperature class T6 max 85°C. Connection to the structure with 3-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. 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. 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	55.5 W	CRI	80
Total flux	9276 lm	LOR	100%
Luminous efficacy	167 lm/W	ULOR	4%
		Total power	55.5 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: 55.5 W
Appliance Class: I

Protection

IP: 54
IK: 06