

# Product data sheet

3F LINDA LED 1X6W L660

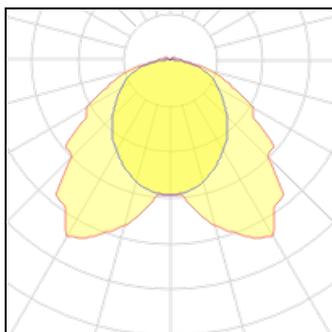
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**ILLUMINOTECHNICAL CHARACTERISTICS** Luminous efficiency 100% (DLOR 97%, ULOR 3%). Initial luminous flux of the luminaire 1029 lm. Controlled direct symmetric distribution. Installation Interdistance Transv.D = 1.77 x hu - Long.D = 1.17 x hu. UGR <22 (EN 12464-1). Luminous efficacy 137 lm/W. Lifetime (L93/B10): 30000 h. (tq+25°C) Lifetime (L90/B10): 50000 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 6W/840. Energy efficiency class: 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 CHARACTERISTICS** Self-extinguishing V2 polycarbonate housing, injection moulded, RAL 7035 grey. Ecologic anti-aging injected sealing gasket. Diffuser in self-extinguishing V2 polycarbonate, photo-engraved interior, UV stabilised, injection moulded with smooth outer surface, tamper-proof opening. Gear-tray reflector unit in hot-galvanised steel, painted in white polyester, fixed to the housing by means of steel rapid devices, hinged opening. Snug fit safety snap-lock clips for diffuser mounting in stainless steel, screwdriver opening. Fixing brackets in stainless steel. Possibility for technicians to access the interior of the luminaire. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 660x100 mm, height 100 mm. Weight 1.115 kg. IP66 protection degree. Mechanical strength to impacts IK10 (20 joule). Glow-wire test resistance 850°C. **ELECTRICAL CHARACTERISTICS** Halogen Free electronic wiring 230V-50/60Hz, power factor 0.90, THD <25%, constant output current, SELV, class I, 1 driver. Power of the luminaire 7.5 W. ENEC - CE. SAFE FLICKER: PstLM=<1 and SVM=<1 (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 -20°C to +50°C. Temperature class T6 max 85°C. 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). **APPLICATIONS** Product suitable for installation in food-production/processing environments (HACCP, IFS, BRC Standard). Dry, dusty indoor environments, subject to occasional water splashes. Virtually shatterproof polycarbonate compatibly with the fumes / atmospheres that compromise the elasticity of plastic materials. Not suitable for installation on surfaces subject to important vibrations, exposed to weather conditions, on ropes or poles. Suitable for illumination of public car parks and parking grounds referred to DIN 67528:2018-04. **WARNING** Luminaire not suitable for refrigeration cells. 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	7.5 W	CRI	80
Total flux	1029 lm	LOR	100%
Luminous efficacy	137 lm/W	ULOR	3%
		Total power	7.5 W

**Mounting mode**

Ceiling mounted, Pendant

**Shape and measurements**

Length: 660 mm

Width: 100 mm

Height: 100 mm

**Adjustability**

Fixed

**Design**

Colour of housing: Silver gray, White

**Electric**

System power: 7.5 W

Appliance Class: I

**Protection**

IP: 66