

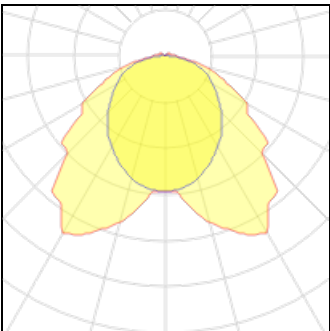
# Product data sheet

3F LINDA LED 1X30W ATEX 3D L1570  
58474  
3F FILIPPI



ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 97%, ULOR 3%). Initial luminous flux of the luminaire 5180 lm. Controlled symmetric distribution. Installation Interdistance Transv.D = 1.77 x hu - Long.D = 1.17 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 22.1 - 23.1. Beam angle: 109° - 64°. Luminous efficacy 155 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+35°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 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 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-holder reflector in hot-dip galvanised steel, painted with white polyester base. 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: 1570x100 mm, height 100 mm. Weight 2.447 kg. IP66 protection degree. Mechanical strength to impacts IK10 (20 joule). Glow-wire test resistance 850°C. ELECTRICAL Halogen Free electronic wiring 230V-50/60Hz, power factor 0.95, THD <25%, constant output current, SELV, class I, 1 driver. Power of the luminaire 33.5 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 100% in DC. Ambient temperature from -20°C to +35°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 Environments with ATEX explosive atmosphere (Conformity 2014/34/UE, EN IEC 60079-0, EN 60079-31): Group II, Category 3D (Ex Tc IIIC T85°C Dc). Suitable product for food production plants (HACCP), IFS (Food Version 6), BRC (GSFS Food Version 7). 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 Fixture not suitable for cold stores with an ambient temperature <0°C and/or relative humidity >85%. 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	33.5 W	CRI	80
Total flux	5180 lm	LOR	100%
Luminous efficacy	155 lm/W	ULOR	3%
		Total power	33.5 W

**Mounting mode**

Ceiling mounted, Pendant

**Shape and measurements**

Length: 61.81 in

Width: 3.94 in

Height: 3.94 in

**Adjustability**

Fixed

**Design**

Color of housing: Silver gray

**Electric**

System power: 33.5 W

Appliance Class: I

**Protection**

IP: 66