

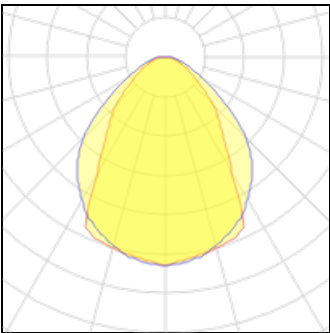
# Product data sheet

L 561X12W LED SP 221X647  
270957  
3F FILIPPI



ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 1554 lm. Direct symmetric distribution. Installation Interdistance Transv.D = 1.08 x hu - Long.D = 1.18 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 17.7 - 20.1. Beam angle: 70° - 94°. Luminous efficacy 111 lm/W. Lifetime (L93/B10): 30000 h. (tq+25°C) Lifetime (L90/B10): 50000 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 Linear LED module 12W/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 Housing in galvanized steel, painted in white epoxy-polyester. SP transparent methacrylate (PMMA) flat diffuser, externally multilenticular, anti-glare, injection moulded, locked to the white painted aluminium perimetrical frame, hinged opening. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 647x221 mm, height 95 mm. Weight 2.72 kg. IP54 protection degree for exposed part, IP20 for recessed part. Mechanical strength to impacts IK06 (1 joule). Glow-wire test resistance 650°C. ELECTRICAL 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 14 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 0°C to +25°C. Temperature class T6 max 85°C. Relative humidity UR: <85%. INSTALLATION Pull-up recessed fitting / Slat ceiling recessed fitting. False ceiling carving: 190x620 mm. 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 Suitable product for food production plants (HACCP), IFS (Food Version 6), BRC (GSFS Food Version 7). Recessed installation in environments requiring protection, good visual comfort with lamp shielding and simplified cleaning. 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	14 W	CRI	80
Total flux	1554 lm	LOR	100%
Luminous efficacy	111 lm/W	Total power	14 W

## Mounting mode

Ceiling recessed

## Electric

System power: 14 W  
Appliance Class: I

**Shape and measurements**

Length: 25.47 in

Width: 8.70 in

Height: 3.74 in

**Adjustability**

Fixed

**Design**

Color of housing: White

**Protection**

IP: 54

IK: 06