

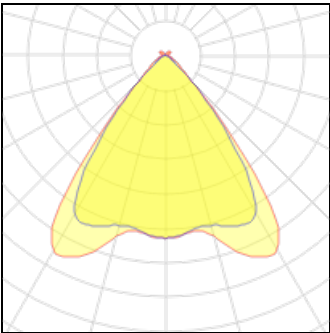
# Product data sheet

3F ZETA L UGR 30 LED DALI L1194  
10867  
3F FILIPPI



ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 97%, ULOR 3%). Initial luminous flux of the luminaire 5481 lm. Controlled direct symmetric distribution. Installation Interdistance Transv.D = 1.39 x hu - Long.D = 1.30 x hu. Average luminance <3000 cd/m² for radial angles >65°. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 19.2 - 17.5. Beam angle: 78° - 75°. Luminous efficacy 177 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 Linear LED module 30W/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 Housing in hot-galvanised steel, painted in white polyester, obtained through rolling process. Light unit in hot-galvanised steel, painted in white polyester base with fixing springs and retractable safety hooks in stainless steel. Transparent methacrylate (PMMA) controlled distribution lenses with flat external surface. End caps in white polycarbonate. Pair of stainless steel sliding brackets with sliding block screws. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 1194x62 mm, height 65 mm. Weight 2.945 kg. IP40 protection degree. Mechanical strength to impacts IK06 (1 joule). Glow-wire test resistance 650°C. ELECTRICAL Halogen Free DALI, PUSH-DIM, electronic wiring 230V-50/60Hz, power factor 0.90 at full load, THD <25%, constant output current, class I, 1 driver, 1 DALI addresse. Power of the luminaire 31 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 +25°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 Suitable product for food production plants (HACCP), IFS (Food Version 6), BRC (GSFS Food Version 7). In commercial environments, exhibition areas, shops and stores. In environments with VDTs, managerial offices and staterooms, public offices and schools. 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	31 W	CRI	80
Total flux	5481 lm	LOR	100%
Luminous efficacy	177 lm/W	ULOR	3%
		Total power	31 W

**Mounting mode**

Ceiling mounted

**Shape and measurements**

Length: 47.01 in

Width: 2.44 in

Height: 2.56 in

**Adjustability**

Fixed

**Design**

Color of housing: White

**Electric**

System power: 31 W

Appliance Class: I

**Protection**

IP: 40

IK: 06