

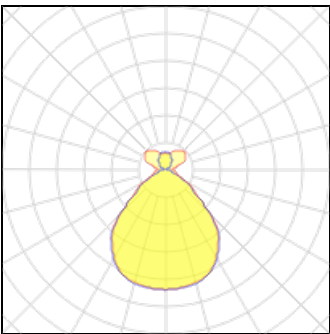
# Product data sheet

3F ZETA DT UGR 2X22 LED L1783  
10612  
3F FILIPPI



ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 76%, ULOR 24%). Initial luminous flux of the luminaire 7261 lm. Controlled symmetric distribution. Installation Interdistance Transv.D = 1.24 x hu - Long.D = 1.25 x hu. Average luminance <3000 cd/m<sup>2</sup> for radial angles >65°. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 17.5 - 16.5. Beam angle: 92° - 92°. Luminous efficacy 148 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 2 linear LED modules 22W/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 hot-galvanised steel, painted in white polyester, obtained through rolling process. Diffuser with differentiated geometry, made of transparent methacrylate (PMMA) with microprismatic finish, anti-glare on the flat part and opal on the side. Anti-glare opal methacrylate (PMMA) filter for brightness uniformity. End caps in white polycarbonate. Stainless steel mounting brackets with anti-slip screws. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 1783x118 mm, height 95 mm. Weight 4.5 kg. IP40 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, SELV, class I, 1 driver. Power of the luminaire 49 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 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). Environments: with VDTs, meeting rooms, offices. Environments: recreational, transit areas, corridors, schools, stairwells. Environments where soft diffuse light is required for optimal visual comfort. 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	49 W	CRI	80
Total flux	7261 lm	LOR	100%
Luminous efficacy	148 lm/W	ULOR	24%
		Total power	49 W

## Mounting mode

Ceiling mounted

## Electric

System power: 49 W

Appliance Class: I

**Shape and measurements**

Length: 70.20 in

Width: 4.65 in

Height: 3.74 in

**Adjustability**

Fixed

**Design**

Color of housing: White

**Protection**

IP: 40

IK: 06