

Product data sheet

03F 14W/830 L620

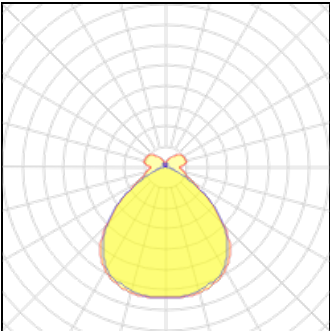
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ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 83%, ULOR 17%). Initial luminous flux of the luminaire 1933 lm. Controlled symmetric distribution. Installation Interdistance Transv.D = 1.32 x hu - Long.D = 1.30 x hu. Average luminance <3000 cd/m² for radial angles >65°. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 18.7 - 17.3. Beam angle: 99° - 100°. Luminous efficacy 121 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 14W/830. 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 3000 K. Colour initial tolerance (MacAdam): SDCM 3. MECHANICAL Housing in hot-galvanised steel, painted in white polyester. 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. Lighting end caps in methacrylate (PMMA) opal. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 620x119 mm, height 64 mm. Weight 1.38 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 0.90, THD <25%, constant output current, SELV, class I, 1 driver. Power of the luminaire 16 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 100% in DC. Ambient temperature from 0°C to +35°C. Temperature class T6 max 85°C. Relative humidity UR: <85%. INSTALLATION Ceiling / Suspended / Wall. Thanks to the full compatibility for dimensions and fixing distances, this product becomes the perfect solution for updating existing installations. All accessories dedicated to this product are available on the Catalog and on our website 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	3000 K
Nominal lamp power	16 W	CRI	80
Total flux	1933 lm	LOR	100%
Luminous efficacy	121 lm/W	ULOR	17%
		Total power	16 W

Mounting mode

Ceiling mounted

Shape and measurements

Length: 24.41 in

Width: 4.69 in

Height: 2.52 in

Adjustability

Fixed

Design

Color of housing: White

Electric

System power: 16 W

Appliance Class: I

Protection

IP: 40

IK: 06