

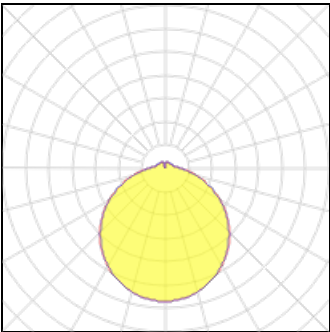
Product data sheet

3F PETRA OP 380 22W LED SENSOR
34334
3F FILIPPI



ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 90%, ULOR 10%). Initial luminous flux of the luminaire 2978 lm. Diffused symmetric distribution. Installation Interdistance Transv.D = 1.26 x hu - Long.D = 1.25 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 21.3 - 21.2. Beam angle: 117° - 116°. Luminous efficacy 115 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 Circular LED module 22W/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 glazed self-extinguishing V2 polycarbonate, UV stabilised, injection moulded. Ecologic anti-aging injected sealing gasket. Gear-tray reflector unit in aluminium, painted in white epoxy-polyester, fixed to the housing by quick-fastening steel devices, hinged opening. Diffuser in opal methacrylate (PMMA), injection moulded. Snug fit safety snap-lock clips for diffuser mounting in transparent polycarbonate, screwdriver opening. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: diameter 380 mm, height 117 mm. Weight 1.725 kg. IP64 protection degree. Mechanical strength to impacts IK02 (0.2 joule). Glow-wire test resistance 650°C. ELECTRICAL Halogen Free electronic wiring 230V-50/60Hz, power factor 0.70, THD <25%, constant output current, SELV, class I, 1 driver. High frequency radar motion sensor, integrated in the luminaire. Power of the luminaire 26 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. Ambient temperature from 0°C to +25°C. Temperature class T6 max 85°C. Relative humidity UR: <85%. INSTALLATION Ceiling / Wall. APPLICATIONS Suitable product for food production plants (HACCP), IFS (Food Version 6), BRC (GSFS Food Version 7). Transit areas, stairwells. Environments where a diffused lighting provides visual comfort. Virtually in all environments compatibly with the emissions/atmospheres compromising the use of plastic materials. Not suitable for installation on surfaces subject to important vibrations, exposed to weather conditions. LIGHT MANAGEMENT The radar movement sensor, integrated in the device, allows switching on/off as a result of presence detection and the set twilight threshold. 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	26 W	CRI	80
Total flux	2978 lm	LOR	100%
Luminous efficacy	115 lm/W	ULOR	10%
		Total power	26 W

Mounting mode

Ceiling mounted

Electric

System power: 26 W

Appliance Class: I

Shape and measurements

Height: 4.61 in

Diameter: 14.96 in

Adjustability

Fixed

Design

Color of housing: White

Protection

IP: 64

IK: 02