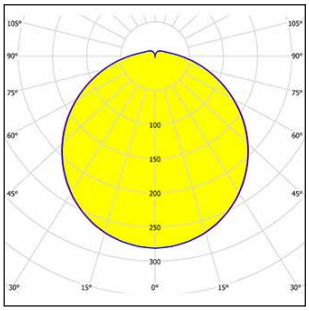
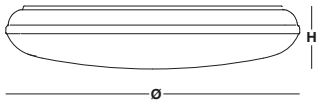
34229 - 3F Petra OP 300 12W LED





ø	300 mm
H	120 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 90%, ULOR 10%).
Initial luminous flux of the luminaire 1684 lm.
Diffused symmetric distribution.
Installation Interdistance Transv.D = 1.26 x hu - Long.D = 1.26 x hu.
Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 20.9 - 20.8.
Beam angle: 118° - 117°.
Luminous efficacy 120 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 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 glazed self-extinguishing V2 polycarbonate, UV stabilised, injection moulded.
Ecologic anti-aging injected sealing gasket.
Gear-tray reflector unit in aluminium, painted in white 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 300 mm, height 120 mm. Weight 0.905 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 0.90, 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

Ceiling / Wall.

APPLICATIONS

Suitable product for food production plants (HACCP), IFS (Food), BRC (GSFS Food).
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.

WARNING

Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

Performances are measured and certified by our CTFs2 Photometric Laboratory (EN 13032, IES LM79); Test and Inspections (EN IEC 60598-1, CISPR 15, IEC 61547). Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process. Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

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