Product data sheet

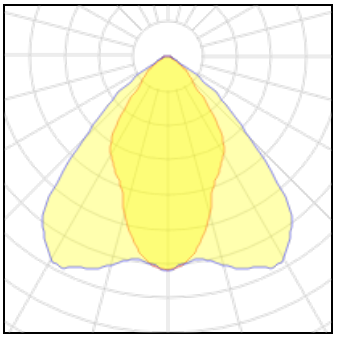
3F RENO 100 WH 1000/930 ELL
30209
3F FILIPPI



IP 44 IK 04

ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 1246 lm. Direct symmetric elliptical distribution. Installation Interdistance Transv.D = 0.78 x hu - Long.D = 1.48 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 20.5 - 24.8. Beam angle: 64° - 93°. Luminous efficacy 89 lm/W. Lifetime (L90/B10): 30000 h. (tq+25°C) Lifetime (L85/B10): 50000 h. (tq+25°C) Lifetime (L70/B10): 80000 h. (tq+25°C) Sudden decreased luminous flux after 50000 hours: 0% (C0). Photobiological safety in compliance with IEC/TR 62778: RG1 low risk, (IEC 62471). In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards. SOURCE Compact LED module 1000/930. Energy efficiency class (UE 2019/2020 - UE 2019/2015): E. CIE 13.3 Colour rendering index: CRI >90 (R9 >50%). IES TM-30 Fidelity Index: Rf = 92 Rg = 101. CCT nominal colour temperature 3000 K. Colour initial tolerance (MacAdam): SDCM 3. Zhaga Book 3 compliant. MECHANICAL Passive heat dissipator in die-casting aluminium, oversized, for optimum thermal management of the LED module. Parabolic element with graduated/concentric rings in white polycarbonate. Internal specular metallic louvre to optimise control of the luminous flux in polycarbonate. Transparent external lens with glossy and satin differentiated surfaces, with a cooling and anti-insect system in methacrylate (PMMA). Fastening spring clips in stainless steel. Dimensions: diameter 116 mm, height 95 mm. Weight 0.66 kg. IP44 protection degree for exposed part, IP20 for recessed part. Mechanical strength to impacts IK04 (0.5 joule). Glow-wire test resistance 650°C. ELECTRICAL Wiring on a separate unit. Halogen Free electronic wiring 230V-50/60Hz, power factor 0.90, THD <25%, constant output current, SELV, class II, 1 driver. Power of the luminaire 14 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. Ambient temperature from 0°C to +25°C. Temperature class T6 max 85°C. Relative humidity UR: <85%. INSTALLATION Pull-up recessed fitting. False ceiling carving: 100 mm. All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com. APPLICATIONS Environments: architectural, commercial, exhibition areas, transit areas, corridors, shops, display windows, service areas. In false ceilings with narrow voids. 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	14 W	CRI	90
Total flux	1246 lm	LOR	100%
Luminous efficacy	89 lm/W	Total power	14 W

Mounting mode

Ceiling recessed

Shape and measurements

Height: 3.74 in
Diameter: 4.57 in

Electric

System power: 14 W
Appliance Class: II

Protection

IP: 44
IK: 04

Adjustability

Rotatable, Tiltable

Design

Color of housing: White