

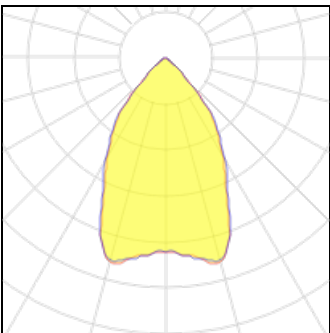
Product data sheet

3F RENO 150 WH 1500/840 DALI UGR
30430
3F FILIPPI



ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 1846 lm. Controlled direct symmetric distribution. Installation Interdistance Transv.D = 0.98 x hu - Long.D = 1.01 x hu. Average luminance <1000 cd/m² for radial angles >65°. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 18.4 - 18.3. Beam angle: 63° - 65°. Luminous efficacy 132 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: RG0 risk exempt, (IEC 62471). In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards. SOURCE Compact LED module 1500/840. 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. 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 166 mm, height 107 mm. Weight 0.71 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 DALI, PUSH-DIM, electronic wiring 230V-50/60Hz, power factor 0.90 at full load, THD <25%, constant output current, SELV, class II, 1 driver, 1 DALI addresse. 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. 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 Pull-up recessed fitting. False ceiling carving: 150 mm. All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com. APPLICATIONS In environments with VDTs, managerial offices and staterooms, public offices and schools. In false ceilings with narrow voids. LIGHT MANAGEMENT Recommended minimum setting: 10%. The device, equipped with DALI driver, can be controlled manually with 3F Easy Dim technology or automatically/manually with 3F Smart Dimming technology and/or centralised DALI systems. In electrical systems without a regulation system (manual or automatic) and DALI bus, a suitable jumper must be made on the DA-DA terminals of the appliance. 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	14 W	CRI	80
Total flux	1846 lm	LOR	100%
Luminous efficacy	132 lm/W	Total power	14 W

Mounting mode

Ceiling recessed

Shape and measurements

Height: 4.21 in

Diameter: 6.54 in

Adjustability

Fixed

Design

Color of housing: White

Electric

System power: 14 W

Appliance Class: II

Protection

IP: 44

IK: 04