

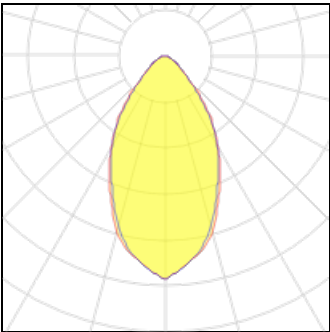
Product data sheet

LUCEQUADRO LED 3000 EP VS
36579
3F FILIPPI



ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 3076 lm. Emergency luminaire luminous flux BLF 14.3%. Direct symmetric distribution. Installation Interdistance Transv.D = 0.83 x hu - Long.D = 0.80 x hu. Average luminance <3000 cd/m² for radial angles >65°. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 18.2 - 18. Beam angle: 58° - 57°. Luminous efficacy 106 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 3000/840. 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 Housing in white painted steel. Passive heat dissipator in anodised aluminium, oversized, for optimum thermal management of the LED module. Flow recuperator in specular aluminium with superficial titanium-magnesium treatment, non-iridescent. Moulded tempered anti-glare non-combustible glass, thickness 4 mm. Lock-in mounting of the glass in the lateral seats in specular aluminium. Fixing brackets in galvanised steel. Slot-cover polycarbonate casings. Dimensions: 235x235 mm, height 116 mm. Weight 3.15 kg. IP44 protection degree for exposed part, IP20 for recessed part. Mechanical strength to impacts IK08 (5 joule). Glow-wire test resistance 960°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 29 W. CE - IEC 60598-1 - EN 60598-1. EP maintained emergency wiring on board, 1h duration, 24h recharge; compliant with EN 60598-2-22, excluding high risk areas. 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 +5°C to +25°C. Temperature class T6 max 85°C. Relative humidity UR: <85%. INSTALLATION Pull-up recessed fitting. False ceiling carving: 210x210 mm. All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com. ACCESSORIES A0189 - Pair of reinforcing brackets for mineral fibre, metal and plasterboard panels, height 20 mm. APPLICATIONS Transit areas, corridors, commercial environments, display areas, shops and shop windows. 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	29 W	CRI	80
Total flux	3076 lm	LOR	100%
Luminous efficacy	106 lm/W	Total power	29 W

Mounting mode
Ceiling recessed

Electric
System power: 29 W
Appliance Class: II

Shape and measurements

Length: 9.25 in

Width: 9.25 in

Height: 4.57 in

Adjustability

Fixed

Design

Color of housing: White

Protection

IP: 44

IK: 08