

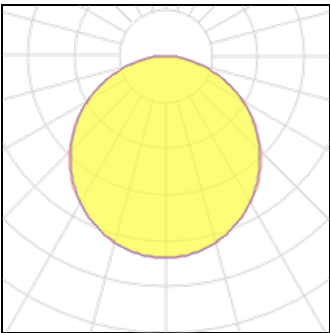
# Product data sheet

LUCEQUADRO LED 3000 VOP  
36584  
3F FILIPPI



ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 1929 lm. Direct distribution with soft, diffused and controlled light. Installation Interdistance Transv.D = 1.25 x hu - Long.D = 1.24 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 24.8 - 24.6. Beam angle: 113° - 112°. Luminous efficacy 69 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. Glazed opal glass, tempered, 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 2.15 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 0.95, THD <25%, constant output current, SELV, class II, 1 driver. Power of the luminaire 28 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 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](http://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	28 W	CRI	80
Total flux	1929 lm	LOR	100%
Luminous efficacy	69 lm/W	Total power	28 W

## Mounting mode

Ceiling recessed

## Electric

System power: 28 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