Product data sheet

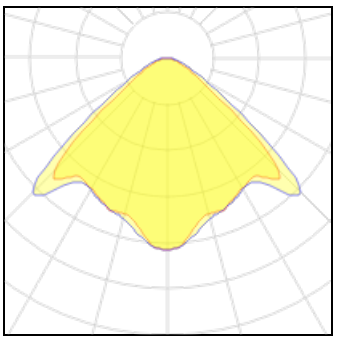
BETA 235 LED 932X50 DALI AMPIO VT L1565
52832
3F FILIPPI



IP 65 IK 09

ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 15581 lm. Wide symmetric distribution. Installation Interdistance Transv.D = 1.18 x hu - Long.D = 1.19 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 21.4 - 23.1. Beam angle: 100° - 106°. Luminous efficacy 157 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) Lifetime (L85/B10): 50000 h. (tq+45°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 2 linear LED modules 50W/840. Energy efficiency class (UE 2019/2020 - UE 2019/2015): C. 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 AISI 304 stainless steel, pressed in one single piece. VT transparent glass, non-combustible, single-piece perimeter frame in stainless steel. Oversized gear-tray reflector unit in highly reflective white painted hot-galvanised steel. Methacrylate (PMMA) lenses with external flat surface. Stainless steel safety snap-lock clips for diffuser mounting. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 1565x235 mm, height 105 mm. Weight 12.35 kg. IP65 protection degree. Mechanical strength to impacts IK09 (10 joule). Glow-wire test resistance 960°C. ELECTRICAL Halogen Free DALI, PUSH-DIM, electronic wiring 230V-50/60Hz, power factor 0.95 at full load, THD <25%, constant output current, class I, 1 driver, 1 DALI addresse. Power of the luminaire 99 W. ENEC - CE. Flicker: <4%. 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 15% in DC. Ambient temperature from -20°C to +45°C. Temperature class T6 max 85°C. Quick connection. Relative humidity UR: <85%. INSTALLATION Ceiling / Suspended / Wall. All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com. APPLICATIONS Dry, dusty indoor environments, subject to occasional water splashes. Any environments except the ones where the luminaire materials are unsuitable. Environments requiring safety luminaires, such as prisons, thanks to the clips that can be locked by bolts (on request). Environments in which it is necessary a total protection against falling fragments (eg environments with foodstuffs or machines with moving parts or with extreme temperature changes), use luminaires with laminated glass. Tempered glass is not immune to falling fragments from harmless and caused by shocks or exceptionally derived from the tempering process. 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 Fixture not suitable for cold stores with an ambient temperature <0°C and/or relative humidity >85%. 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	99 W	CRI	80
Total flux	15581 lm	LOR	100%
Luminous efficacy	157 lm/W	Total power	99 W

Mounting mode

Ceiling mounted, Pendant

Shape and measurements

Length: 61.61 in

Width: 9.25 in

Height: 4.13 in

Adjustability

Fixed

Electric

System power: 99 W

Appliance Class: I

Protection

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