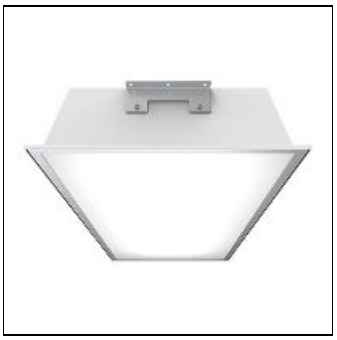
Product data sheet

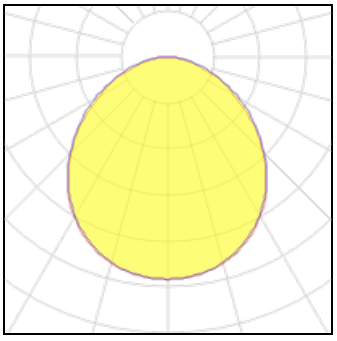
BETA 500 200W/840 DALI VA L870
52053
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IP 66 IK 08

ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 30886 lm. Direct symmetric medium distribution. Installation Interdistance Transv.D = 1.23 x hu - Long.D = 1.21 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 26.5 - 26.9. Beam angle: 102° - 104°. Luminous efficacy 156 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 4 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 white painted epoxy-polyester powder aluminium. White aluminium non-iridescent high efficiency. Frosted glass HST tempered, non-combustible. Perimetrical frame in stainless steel with vandal-proof opening and stainless steel nuts and bolts. Polyurethane foam seal, ecological, anti-aging, installed using a continuous automatic process with no joints. Fixing bracket in stainless steel. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 870x515 mm, height 105 mm. Weight 11.825 kg. IP66 protection degree. Mechanical strength to impacts IK08 (5 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, 2 driver, 2 DALI addresses. Power of the luminaire 198 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. 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 in polycarbonate with M20x1,5 cable gland, to access the terminal block positioned on a removable runner. Relative humidity UR: <85%. INSTALLATION Ceiling / Suspended. All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com. APPLICATIONS Commercial and industrial environments and warehouses. 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	198 W	CRI	80
Total flux	30886 lm	LOR	100%
Luminous efficacy	156 lm/W	Total power	198 W

Mounting mode

Ceiling mounted, Pendant

Shape and measurements

Length: 34.25 in
Width: 20.28 in
Height: 4.13 in

Adjustability

Fixed

Design

Color of housing: White

Electric

System power: 198 W
Appliance Class: I

Protection

IP: 66
IK: 08