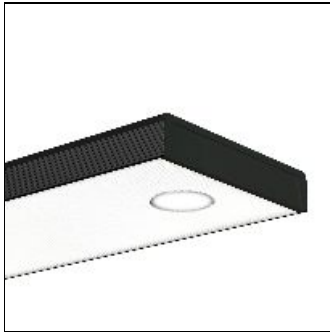


Product data sheet

3F HAL300DI BK 65+23/830+1SL10 D LGS L18

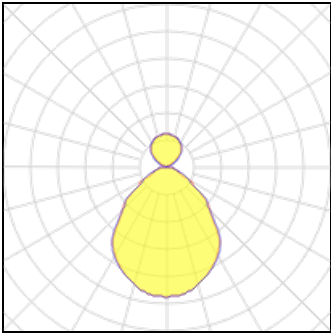
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3F FILIPPI



ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 77%, ULOR 23%). Initial luminous flux of the luminaire 13446 lm. Symmetric direct-indirect distribution. Installation Interdistance Transv.D = 1.17 x hu - Long.D = 1.18 x hu. Average luminance <3000 cd/m² for radial angles >65°. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 17.8 - 17.8. Beam angle: 87° - 87°. Luminous efficacy 122 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) 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 65+23W/830 + compact LED module 10W/830. Energy efficiency class (UE 2019/2020 - UE 2019/2015): C, D. CIE 13.3 Colour rendering index: CRI >80 (R9 <50%). IES TM-30 Fidelity Index: Rf = 84 Rg = 95. CCT nominal colour temperature 3000 K. Colour initial tolerance (MacAdam): SDCM 3. MECHANICAL Extruded aluminium housing with linear side grooves. Steel end caps. Black colour body and heads RAL 9011 matt. Removable flow recuperator. LGS micro-prismatic flat diffuser in transparent methacrylate (PMMA), multi-lenticular exterior, anti-glare. Anti-glare opal polycarbonate filter for brightness uniformity. Translucent polycarbonate upper diffuser. Invisible interior spot in lateral position for accent or service lighting. Internal parabolic element in black aluminium. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 1800x300 mm, height 81 mm. Weight 10.2 kg. IP40 protection degree. Mechanical strength to impacts IK02 (0.2 joule). Glow-wire test resistance 650°C. ELECTRICAL Halogen Free DALI, PUSH-DIM, electronic wiring 230V-50/60Hz, power factor 0.95 at full load, THD <25%, constant output current, SELV, class I, 3 driver, 3 DALI addresses. Power of the luminaire 110 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% (Direct) - 100% (Indirect) - 100% (Spot) in DC. Ambient temperature from 0°C to +25°C. Temperature class T6 max 85°C. 5-pole terminal block, single 230V circuit. 5-pole transparent power cable protrudes by 1.5 m with sheared end. Relative humidity UR: <85%. INSTALLATION Suspended. All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com. APPLICATIONS Environments: with VDTs, meeting rooms, offices. Environments: architectural, commercial, staterooms, banks. Environments where dynamic, soft and diffuse light is required for optimal visual comfort. LIGHT MANAGEMENT Recommended minimum setting: 10%. The device, equipped with more than one DALI driver, can be controlled manually with 3F Easy Dim technology or automatically/manually with 3F Smart Dimming technology. DALI Broadcast allows a unique adjustment of the drivers; independent adjustments of DALI driver with addressable 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



1 x LED			
Nominal lamp power	110 W	LOR	100%
Lamp flux	13446 lm	ULOR	23%
Luminous efficacy	122 lm/W	Total flux	13446 lm
CCT	3000 K	Total power	110 W
CRI	80		

Mounting mode

Pendant

Shape and measurements

Length: 70.87 in

Width: 11.81 in

Height: 3.19 in

Adjustability

Fixed

Design

Color of housing: Black

Electric

System power: 110 W

Appliance Class: I

Protection

IP: 40

IK: 02