

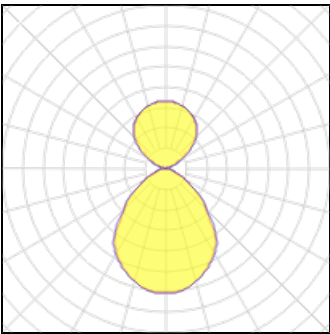
# Product data sheet

3F HAL150DI BK 33+23/830 D LGS L18  
6976  
3F FILIPPI



ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 60%, ULOR 40%). Initial luminous flux of the luminaire 7851 lm. Symmetric direct-indirect distribution. Installation Interdistance Transv.D = 1.16 x hu - Long.D = 1.18 x hu. Average luminance <3000 cd/m<sup>2</sup> for radial angles >65°. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 15.6 - 15.8. Beam angle: 86° - 87°. Luminous efficacy 125 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 33+23W/830. 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 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. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 1800x150 mm, height 81 mm. Weight 8.1 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, 2 driver, 2 DALI addresses. Power of the luminaire 63 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) 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](http://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	63 W	LOR	100%
Lamp flux	7851 lm	ULOR	40%
Luminous efficacy	125 lm/W	Total flux	7851 lm
CCT	3000 K	Total power	63 W
CRI	80		

**Mounting mode**

Pendant

**Shape and measurements**

Length: 70.87 in

Width: 5.91 in

Height: 3.19 in

**Adjustability**

Fixed

**Design**

Color of housing: Black

**Electric**

System power: 63 W

Appliance Class: I

**Protection**

IP: 40

IK: 02