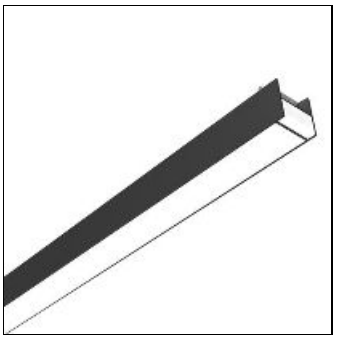
Product data sheet

3F HD100 BK HO 88/840 DALI FDO L2975
6840

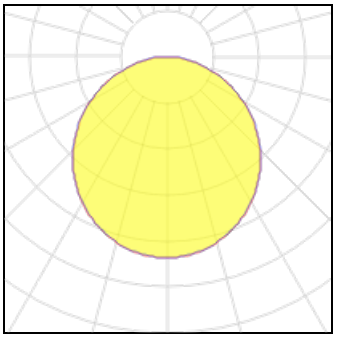
3F FILIPPI



IP 40 IK 02

ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 9760 lm. Direct symmetric distribution. Installation Interdistance Transv.D = 1.24 x hu - Long.D = 1.24 x hu. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 25.2 - 25.4. Beam angle: 111° - 111°. Luminous efficacy 100 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 Linear LED module 88W/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. MECHANICAL Extruded aluminium housing. Black colour body and heads RAL 9011 matt. Removable gear-tray. Non-iridescent high efficiency specular aluminium with a titanium and magnesium surface treatment flow recuperator. Flat opal anti-glare polycarbonate diffuser. Lighting head caps with specular aluminium frieze. White colour PVC superior closure top. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 2975x100 mm, height 80 mm. Weight 7.83 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, 1 driver, 1 DALI addresse. Power of the luminaire 98 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 0°C to +25°C. Temperature class T6 max 85°C. Entrance to the upper power supply in proximity to a power head. Branching via an irreversible quick coupling plug to connect the cable housing element to the socket. 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 Environments: architectural, commercial, staterooms, banks. Environments where soft diffuse light is required for optimal visual comfort and total shielding of the source. 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 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	98 W	CRI	80
Total flux	9760 lm	LOR	100%
Luminous efficacy	100 lm/W	Total power	98 W

Mounting mode

Ceiling mounted

Shape and measurements

Length: 117.13 in
Width: 3.94 in
Height: 3.15 in

Adjustability

Fixed

Design

Color of housing: Black

Electric

System power: 98 W
Appliance Class: I

Protection

IP: 40
IK: 02