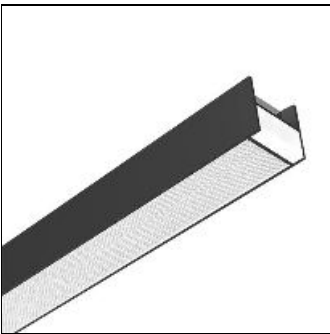


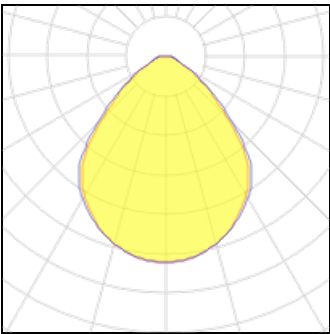
Product data sheet

3F HD100 BK 22 DT8 TW FDP L1214 (CCT 4000)
6871
3F FILIPPI



ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 2387 lm. Direct symmetric 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 18.3 - 18.9. Beam angle: 85° - 88°. Luminous efficacy 92 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 22W/TW. 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. The colour temperature can be adjusted between 2700 K and 6500 K. Colour initial tolerance (MacAdam): SDCM 3. MECHANICAL Extruded aluminium housing. White colour body and heads RAL 9003 matt. Removable gear-tray. Non-iridescent high efficiency specular aluminium with a titanium and magnesium surface treatment flow recuperator. Externally micro prismatic transparent flat anti-glare polycarbonate diffuser. Anti-glare opal polycarbonate filter for brightness uniformity. Lighting head caps with specular aluminium frieze. White colour PVC superior closure top. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 1214x100 mm, height 80 mm. Weight 3.795 kg. IP40 protection degree. Mechanical strength to impacts IK02 (0.2 joule). ELECTRICAL Halogen Free DALI DT8, PUSH-DIM, electronic wiring 230V-50/60Hz, power factor 0.90 at full load, THD <25%, constant output current, SELV, class I, 1 driver, 1 DALI addresse. Power of the luminaire 26 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 Any environments requiring light which aims for the wellness of people. 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 luminaire, equipped with DALI DT8 driver, is designed for adjusting the luminous flux and colour temperature; can be controlled manually or automatically/manually with 3F HCL technology or 3F Bluetooth. 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	26 W	CRI	80
Total flux	2387 lm	LOR	100%
Luminous efficacy	92 lm/W	Total power	26 W

Mounting mode

Ceiling mounted

Shape and measurements

Length: 47.80 in

Width: 3.94 in

Height: 3.15 in

Adjustability

Fixed

Design

Color of housing: White

Electric

System power: 26 W

Appliance Class: I

Protection

IP: 40

IK: 02