

Product data sheet

3F TRITTICO WH 12+12+15/830 DALI H800 (12W DIR1)

6163

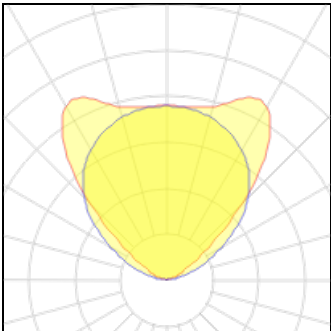
3F FILIPPI



ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 93%, ULOR 7%). Initial luminous flux of the luminaire 1711 lm. Direct-indirect distribution. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 21.7 - 20.7. Beam angle: 77° - 68°. Luminous efficacy 38 lm/W. Lifetime (L92/B10): 30000 h. (tq+25°C) Lifetime (L85/B10): 50000 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 3 linear LED modules 12+12+15W/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. Opaque white colour body and pole. Fixture composed of three independent adjustable arms that can be moved separately. Non-iridescent high efficiency aluminium with a titanium and magnesium surface treatment flow recuperator. Transparent methacrylate (PMMA) anti-glare filter. Arms for direct lighting with satin methacrylate (PMMA) lenses. Arm for indirect lighting with a translucent polycarbonate screen. Polycarbonate heads. Steel suspension fixture with poles H 800 mm with a brass rotation mechanism. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: diameter 1560 mm, height 800 mm. Weight 3.8 kg. IP40 protection degree. Mechanical strength to impacts IK02 (0.2 joule). Glow-wire test resistance 650°C. ELECTRICAL Peripheral cabling unit to recess into the ceiling. Halogen Free DALI, PUSH-DIM, electronic wiring 230V-50/60Hz, power factor 0.90 at full load, THD <25%, constant output current, SELV, class II, 2 driver, 2 DALI addresses. Power of the luminaire 45 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. 4-pole terminal block, single 230V circuit. Relative humidity UR: <85%. INSTALLATION Suspension on false ceiling. Installing mineral fibre or metal panels in plasterboard ceilings. Warning: to install this fixture it is necessary to buy one of the following four accessories (A0828 / A0829 / A0830 / A0831) depending on the kind of ceiling to be used. 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. ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 93%, ULOR 7%). Initial luminous flux of the luminaire 1711 lm. Direct-indirect distribution. 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Arms for direct lighting with satin methacrylate (PMMA) lenses. Arm for indirect lighting with a translucent polycarbonate screen. Polycarbonate heads. Steel suspension fixture with poles H 800 mm with a brass rotation mechanism. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: diameter 1560 mm, height 800 mm. Weight 3.8 kg. IP40 protection degree. Mechanical strength to impacts IK02 (0.2 joule). Glow-wire test resistance 650°C.

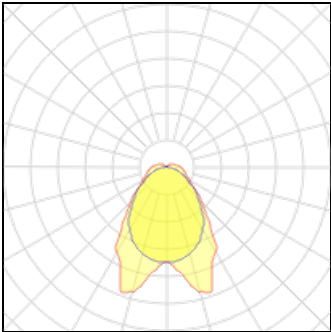
ELECTRICAL Peripheral cabling unit to recess into the ceiling. Halogen Free DALI, PUSH-DIM, electronic wiring 230V-50/60Hz, power factor 0.90 at full load, THD <25%, constant output current, SELV, class II, 2 driver, 2 DALI addresses. Power of the luminaire 45 W. CE - IEC 60598-1 - EN 60598-1. SAFE FLICKER: 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. 4-pole terminal block, single 230V circuit. Relative humidity UR: <85%. INSTALLATION Suspension on false ceiling. Installing mineral fibre or metal panels in plasterboard ceilings. 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WARNING Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Replaceable control gear by a professional. ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 0%, ULOR 100%). Initial luminous flux of the luminaire 2479 lm. Direct-indirect distribution. Beam angle: 92° - 99°. Luminous efficacy 55 lm/W. Lifetime (L92/B10): 30000 h. (tq+25°C) Lifetime (L85/B10): 50000 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 3 linear LED modules 12+12+15W/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. Opaque white colour body and pole. 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Light output 1 (integrated)



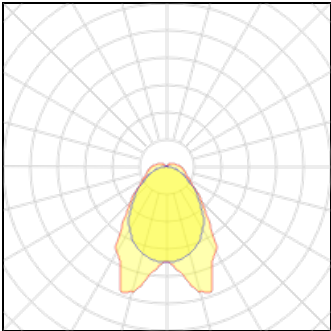
Lamp type	LED	CCT	3000 K
Nominal lamp power	17 W	CRI	80
Total flux	2479 lm	LOR	100%
Luminous efficacy	146 lm/W	ULOR	100%
		Total power	17 W

Light output 2 (integrated)



Lamp type	LED	CCT	3000 K
Nominal lamp power	14 W	CRI	80
Total flux	1711 lm	LOR	100%
Luminous efficacy	122 lm/W	ULOR	7%
		Total power	14 W

Light output 3 (integrated)



Lamp type	LED	CCT	3000 K
Nominal lamp power	14 W	CRI	80
Total flux	1711 lm	LOR	100%
Luminous efficacy	122 lm/W	ULOR	7%
		Total power	14 W

Mounting mode

Ceiling mounted

Shape and measurements

Height: 11.81 in

Diameter: 0.79 in

Adjustability

Rotatable, Tilttable

Electric

System power: 45 W

Appliance Class: II

Protection

IP: 40

IK: 02