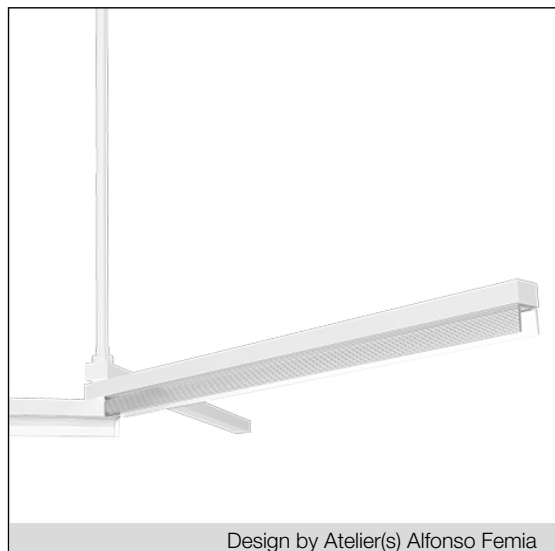
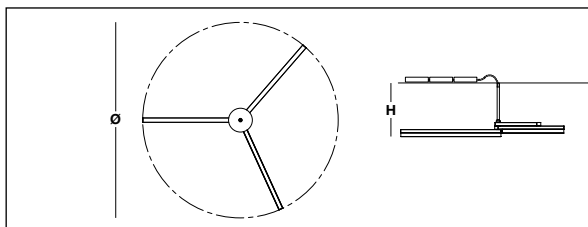
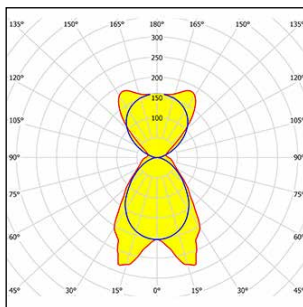


## 6160 - 3F Trittico WH 12+12+15/830 DALI H500 (12W DIR2)



Design by Atelier(s) Alfonso Femia



Ø	1560 mm
H	500 mm

### ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 93%, ULOR 7%).  
 Initial luminous flux of the luminaire 1694 lm.  
 Direct-indirect distribution.  
 Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 21.7 - 20.6.  
 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 U-shaped lens made in methacrylate (PMMA) characterised by satin-finished inner etchings and a polished outer surface, designed to maximise the light output.  
 Arm for indirect lighting with a translucent polycarbonate screen.  
 Polycarbonate heads.  
 Steel suspension fixture with poles H 500 mm with a brass rotation mechanism.  
 Luminaire with limited surface temperature. - D - (EN 60598-2-24)  
 Dimensions: diameter 1560 mm, height 500 mm. Weight 3.5 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-2 DATI (Parts 251, 252, 253), 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](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 luminaire, equipped with (DALI-2 DATI) driver, can be controlled manually with 3F Easy Dim technology or automatically/manually with wired or wireless DALI/D2D control systems.  
 The D2D driver guarantees interoperability with other devices with the same certification by making the following information available:  
 Device Data (Part 251), Energy Report (Part 252), Diagnosis & Maintenance (Part 253).  
 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.

Performances are measured and certified by our CTFs2 Photometric Laboratory (EN 13032, IES LM79); Test and Inspections (EN IEC 60598-1, CISPR 15, IEC 61547). Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process. Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

Dimensions and specifications subject to alterations without notice.

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