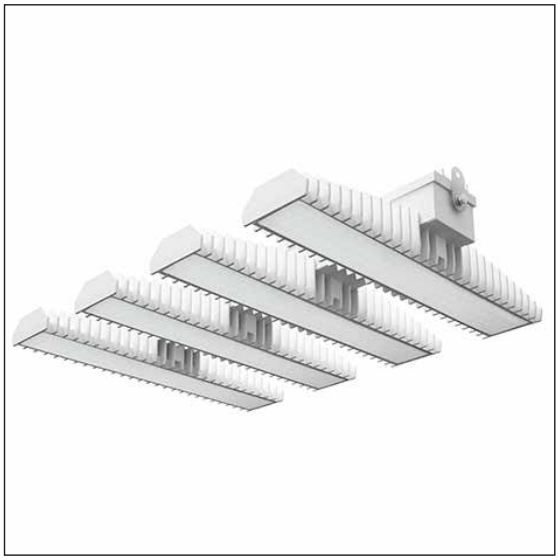
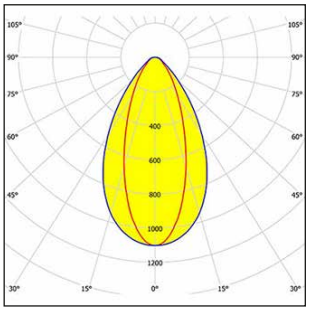
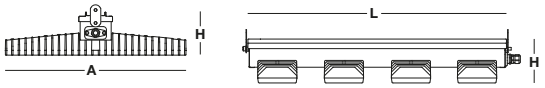
58890 - 3F LEM 4 LED 200 CR CONC
A0812 - Moulded glass with gasket (10pcs)







L	757 mm
A	542 mm
H	133 mm

Industrial luminaire with high light output and high luminous efficiency designed with the most innovative technologies for environments with temperature up to 55°C.

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 98%, ULOR 2%).
Initial luminous flux of the luminaire 29177 lm.
Direct symmetric narrow distribution: the illuminated area has a elliptical shape.
Installation Interdistance Transv.D = 0.60 x hu - Long.D = 0.91 x hu.
Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 20.6 - 22.1.
Beam angle: 38° - 61°.
Luminous efficacy 134 lm/W.
Lifetime (L97/B10): 30000 h. (tq+25°C)
Lifetime (L95/B10): 50000 h. (tq+25°C)
Lifetime (L92/B10): 80000 h. (tq+25°C)
Lifetime (L90/B10): 100000 h. (tq+25°C)
Lifetime (L90/B10): 50000 h. (tq+55°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

4 Mid-Power linear LED modules 50W/840.
Source with special protection against aggressive chemically-volatile substances for standard LED technology.
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 4000 K.
Colour initial tolerance (MacAdam): SDCM 3.

MECHANICAL

Passive modular heatsinks in die-casted aluminium, painted in white colour.
To optimize the thermal management of the LED module, the heatsinks are oversized and provided with self-cleaning of cooling fins.
Wiring body in aluminium and galvanised steel anchored solidly to the sinks and thermally separated.
3F Lens lenses with high luminous efficiency, transparent methacrylate (PMMA), fixed to the LED modules.
Fixing brackets in stainless steel.
Luminaire with limited surface temperature. - D - (EN 60598-2-24)
Dimensions: 757x542 mm, height 133 mm. Weight 19.42 kg.
IP65 protection degree.
Mechanical strength to impacts IK06 (1 joule).
Glow-wire test resistance 650°C.

ELECTRICAL

Halogen Free electronic wiring 230V-50/60Hz, power factor 0.97, THD <25%, constant output current, class I, 1 driver.
Power of the luminaire 218 W.
ENEC - CE.
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 100% in DC.
Ambient temperature from -30°C to +55°C.
Temperature class T6 max 85°C.
Quick connection via M20 3P connector with 9-13 mm tightening range.
Power unit positioned on a separate compartment by the LED module to ensure optimum temperatures of cabling components, to be inspectable and maintainable.
Relative humidity UR: <85%.

INSTALLATION

Ceiling / Suspended / Wall.
All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com.

ACCESSORIES

A0812 - Anti-glare microprismatic VS moulded glass, tempered, not flammable, with sealing gasket.
One required for each light module. The pack contains 10 pieces.

APPLICATIONS

In commercial environments, exhibition and industrial areas, stores, open areas or with shelves.
Applications with high ambient temperature up to 55°C.
Environments in which it is necessary a total protection against falling fragments (eg environments with foodstuffs or machines with moving parts or with extreme temperature changes), use luminaires with polycarbonate lenses.

WARNING

Fixture not suitable for cold stores with an ambient temperature <0°C and/or relative humidity >85%.
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).

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Bologna Register of Companies no. 01033260371 - REA (economic administrative index) No. 234613

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