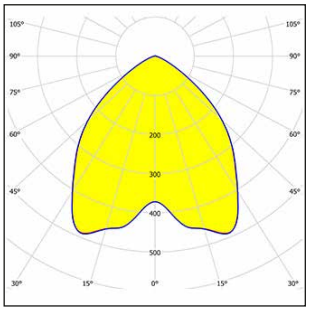
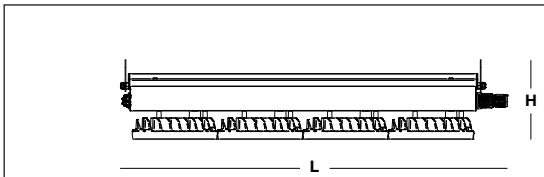
50050 - 3F Rio HO 4L 31000/840 MEDIUM





L	756 mm
A	208 mm
H	145 mm

Industrial luminaire with high luminous flux designed with the most innovative technologies for environments with temperature up to 45°C.

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 100%, ULOR 0%).
Initial luminous flux of the luminaire 30822 lm.
Medium distribution with square shape.
Installation Interdistance Transv.D = 1.43 x hu - Long.D = 1.44 x hu.
Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 26.4 - 26.3.
Beam angle: 86° - 86°.
Luminous efficacy 187 lm/W.
Lifetime (L95/B10): 30000 h. (tq+25°C)
Lifetime (L92/B10): 50000 h. (tq+25°C)
Lifetime (L90/B10): 80000 h. (tq+25°C)
Lifetime (L87/B10): 100000 h. (tq+25°C)
Lifetime (L90/B10): 50000 h. (tq+45°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 circular LED modules 34W/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.
Aluminium and galvanised steel housing painted white, to which the modular heat sinks are attached.
3F Lens lenses in transparent methacrylate (PMMA) with external flat surface, with high luminous efficiency.
Polyurethane foam seal, ecological, anti-aging, installed using a continuous automatic process with no joints.
Galvanised steel safety cable ø 2 mm and clamps, supplied.
Galvanised steel carabiner for central fixing with chain, supplied.
Luminaire with limited surface temperature. - D - (EN 60598-2-24)
Dimensions: 756x208 mm, height 145 mm. Weight 7.5 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 165 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 +45°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.

APPLICATIONS

Dry, dusty indoor environments, subject to occasional water splashes.
Commercial, industrial and sporting environments (with no high-flying balls), as well as warehouses.
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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