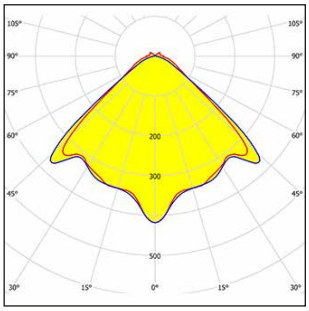
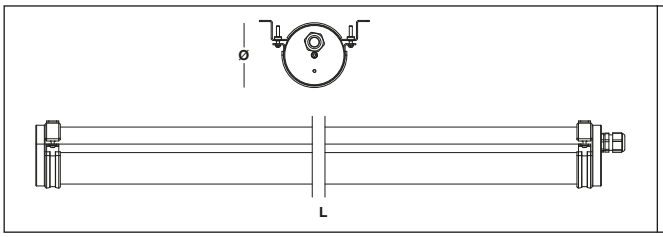
52094 - 3F Tank ICE XT 45W/840 WIDE L1265





L	1264 mm
ø	80 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 97%, ULOR 3%).
Initial luminous flux of the luminaire 7292 lm.
Symmetric wide direct distribution.
Installation Interdistance Transv.D = 1.16 x hu - Long.D = 1.18 x hu.
Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 22 - 22.4.
Beam angle: 100° - 103°.
Luminous efficacy 149 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+40°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 45W/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

High thickness tubular body in high transparency polycarbonate surface treatment, which guarantees resistance to aggressive chemical agents.
Methacrylate (PMMA) lenses with external flat surface.
Die-cast aluminium end caps, painted in grey polyester.
Sealing gasket.
Gear-holder reflector in hot-dip galvanised steel, painted with white polyester base.
Fixing brackets and screws in AISI 316 stainless steel.
Dimensions: length 1264 mm, diameter 80 mm. Weight 3.965 kg.
IP69K, IP66 protection degree.
Mechanical strength to impacts IK10 (20 joule).
Glow-wire test resistance 850°C.

ELECTRICAL

Halogen Free electronic wiring 230V-50/60Hz, power factor 0.95, THD <25%, constant output current, class I, 1 driver.
Power of the luminaire 49 W.
CE - IEC 60598-1 - EN 60598-1.
Flicker: <2%.
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 +40°C.
Temperature class T6 max 85°C.
Quick connection via M20x1.5 cable gland in fibreglass reinforced polyamide with 1.5m H07RN-F 3G1.5mm² cable.
Relative humidity UR: <95%.

INSTALLATION

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

APPLICATIONS

Suitable product for food production plants (HACCP), IFS (Food), BRC (GSFS Food).
Cells with temperature from -30°C to +40°C with a humidity degree up to 95%.
Body resistant to the following substances: Ethyl alcohol (24 hours at 20°C), aqueous detergents, hydrochloric acid (produces a slight halo), DOT4 brake oil, sulfuric acid (produces a slight halo), ammonia.
Before installation, we recommend checking that there are no contraindications to the use of and polycarbonate inside the refrigerating room.
For applications in environments in which disturbances on the power network may be present and/or involve use at low temperatures, surge protection devices should be fitted on the power supply and any causes of undervoltages eliminated.
For specific applications please contact our technical offices.

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).

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