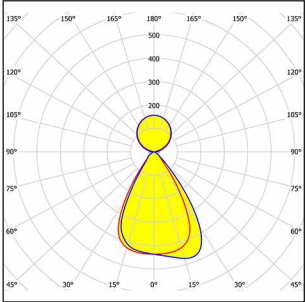


12977 - 3F HD Floor BK 30+20/930 Touch DALI



L	1762 mm
A	280 mm
H	2290 mm

ILLUMINOTECHNICAL

Luminous efficiency 100% (DLOR 57%, ULOR 43%).
Initial luminous flux of the luminaire 5561 lm.
Direct-indirect distribution.
Average luminance <3000 cd/m² for radial angles >65°.
Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 15 - 14.3.
Beam angle: 64° - 67°.
Luminous efficacy 91 lm/W.
Lifetime (L93/B10): 30000 h. (tq+25°C)
Lifetime (L90/B10): 50000 h. (tq+25°C)
Lifetime (L85/B10): 80000 h. (tq+25°C)
Lifetime (L80/B10): 100000 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

2 linear LED modules 20W/930.
Energy efficiency class (UE 2019/2020 - UE 2019/2015): E.
CIE 13.3 Colour rendering index: CRI >90 (R9 >50%).
IES TM-30 Fidelity Index: Rf = 92 Rg = 101.
CCT nominal colour temperature 3000 K.
Colour initial tolerance (MacAdam): SDCM 3.

MECHANICAL

Extruded aluminium housing (37 mm) and end caps in polycarbonate.
Rectangular section 60x35 mm in painted steel.
Matt black RAL 9011 colour with Texture embossed finish to ensure maximum resistance to touch and scratches.
Removable gear-tray.
Optical system consisting of transparent methacrylate (PMMA) lenses with longitudinal asymmetrical beam to optimise the direction of the flux on the work tasks, and anti-reflective black polycarbonate honeycomb optics.
Translucent polycarbonate upper diffuser.
Luminaire with limited surface temperature. - D - (EN 60598-2-24)
Dimensions: 1762x280 mm, height 2290 mm.
IP40 protection degree.
Mechanical strength to impacts IK02 (0.2 joule).
Glow-wire test resistance 650°C.

ELECTRICAL

Halogen Free DALI-2 DATI (Parts 251, 252, 253) electronic wiring
230V-50/60Hz, power factor 0.90 at full load, THD <25%, constant output current, SELV, class I, 2 driver, 2 DALI addresses.
TOUCH DALI control integrated in the stem.
Power of the luminaire 61 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.
Ambient temperature from 0°C to +25°C.
Temperature class T6 max 85°C.
Relative humidity UR: <85%.

INSTALLATION

Floor.

SUPPLIED

Transparent power cable 3x0.75 mm² in length 2 m with Shucko 2P+T 16A, supplied.

APPLICATIONS

Environments which cannot, for technical reasons, be equipped with points of light directed onto the ceiling.
Open-space offices and environments in which a high degree of workstation flexibility is required.
Environments: staterooms, with VDTs, offices.
Environments where soft diffuse light is required for optimal visual comfort.

LIGHT MANAGEMENT

The TOUCH DALI control integrated in the stem, allows independent switching on, off and adjustment of the two emissions.

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).