

Squash_tab



Table Lamps | 30 topLED 9 W DC 50 mA | CRI 90
7946



Technical data	
Type	Table Lamps
Installation position	Floor
Installation environment	Indoor
Light Source	LED
Optics	Diffused
Light emission direction	downward and upward
Nominal power	9 W DC
Source lumens	870 lm
Frequency	50-60 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP40
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Electric socket	Type C
Cable length	1,60 m
Resin potting	No
Type of light emission	Double emission
Net weight	1.220 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Aluminium
Colour	Embossed white RAL 9003
Processing	Coating

Finishing diffuser	
Material	PE
Colour	neutral



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Double emission table lamps for indoor application. The warm white LED light source with a diffused light distribution is composed of 30 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 870 lm, with a 96.7 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a embossed white ral 9003 finish, processed by means of coating; the diffuser is made of pe. The ingress protection degree is IP40; the total weight is of 1.220 kg.

The total absorbed power is 9 W. The power supply cable is included and features a 1,60 m length.

The device features protection class II and can be floor-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains a light source of energy efficiency class G.

Illuminotechnical Features

Light Output Ratio (LOR)	95 %
Source lumens	870 lm
Delivered lumens	830 lm
Consumption	9 W
Luminaire efficacy	92 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature 25°C

LED Life / Failure Ratio

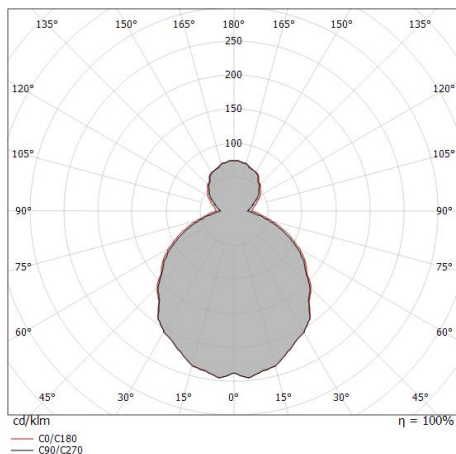
L80 B20 C0 80h

UGR

UGR axial	16.2
UGR transversal	16.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	110°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.44 1.51	E(0°) 791 E(C90) 76 E(C0) 69
1.0	2.88 3.02	E(0°) 198 E(C90) 19 E(C0) 17
1.5	4.32 4.53	E(0°) 88 E(C90) 8 E(C0) 8
2.0	5.76 6.04	E(0°) 49 E(C90) 5 E(C0) 4
2.5	7.19 7.55	E(0°) 32 E(C90) 3 E(C0) 3
3.0	8.63 9.07	E(0°) 22 E(C90) 2 E(C0) 2

— C0/C180 (Half-peak divergence: 113.0°)
— C90/C270 (Half-peak divergence: 110.4°)