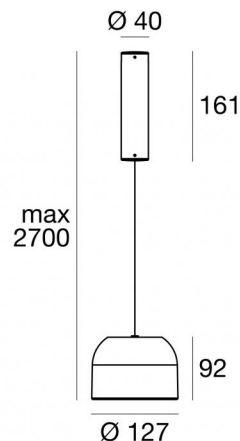




Systems | 220-240 V | 1 arrayLED 8 W DC - 11 W AC

CRI 90

8422



Technical data

Type	Mono System
Installation position	Wall lights
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Diffused
Light emission direction	downward
Nominal power	8 W DC
Total Power	11 W
Source lumens	1082 lm
Voltage	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.95 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	Aluminium
Colour	White
Processing	Coating

Finishing diffuser

Material	PC
Processing	Sandblasting



Systems | 220-240 V | 1 arrayLED 8 W DC - 11 W AC | CRI 90 | Base 8422

Single emission systems for indoor application. The warm white LED light source with a diffused light distribution is composed of 1 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1082 lm, with a 135.3 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a white finish, processed by means of coating; the diffuser is made of PC with a sandblasting treatment. The ingress protection degree is IP20; the total weight is of 0.95 kg.

The total absorbed power is 11 W.

The device features protection class II and can be wall lights-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 D.

Illuminotechnical Features

Light Output Ratio (LOR)	75 %
Source lumens	1082 lm
Delivered lumens	820 lm
Consumption	11 W
Luminaire efficacy	74 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

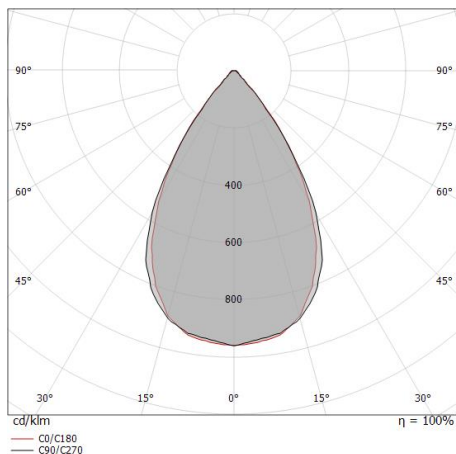
L80 B20 C0 80000h

UGR

UGR axial	19.3
UGR transversal	19.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	62°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Half-peak divergence [°]	E(0°) [lx]	E(C90) [lx]	E(C0) [lx]
0.5	0.63 0.61	62.4° 64.4°	3150	956	991
1.0	1.26 1.21	62.4° 64.4°	788	239	248
1.5	1.89 1.82	62.4° 64.4°	350	106	110
2.0	2.52 2.42	62.4° 64.4°	197	60	62
2.5	3.15 3.03	62.4° 64.4°	126	38	40
3.0	3.78 3.63	62.4° 64.4°	88	27	28



Systems | 220-240 V | 1 arrayLED 8 W DC - 11 W AC | CRI 90
8422

Components

		Mono System Accessories	Code <u>TR4111-4</u>
		Mono System Accessories	Code <u>TR4111-5</u>
		Mono System Accessories	Code <u>TR4114-4</u>
		Mono System Accessories	Code <u>TR4114-5</u>
		Mono System Accessories	Code <u>TR4119-4</u>
		Mono System Accessories	Code <u>TR4119-5</u>
		Mono System Accessories	Code <u>TR4120-3</u>
Supporting cable - 50m - Sistemi			Code <u>TR4151-50</u>