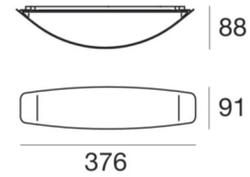




Wall Lights | 220-240 V | topLED 10 W 250 mA | CRI 83  
7812



Technical data	
Type	Surface
Installation position	Wall lights
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward and upward
Power	10 W
Luminous flux (source)	1021 lm
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	83 Ra
AC / DC	AC
Safety class	2
IP	IP44
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	No
Fire Rated (BS 476 PT21 compliant)	No
Driver included	Driver
Induction	No
Emergency mode	No
Motion sensor	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Double emission
Net weight	1.036 Kg

Finishing casing	
Material	Iron
Colour	embossed white RAL 9003
Processing	Coating

Finishing diffuser	
Material	PC
Colour	white
Processing	Sandblasting

Wall Lights | 220-240 V | topLED 10 W 250 mA | CRI 83  
7812

Double emission wall lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 24 topLED LEDs with CCT of 3000 K and a CRI 83; the source luminous flux is 1021 lm, with a 102.1 lm/W nominal luminous efficacy.

The device body is made of iron and features a embossed white ral 9003 finish, processed by means of coating; the diffuser is made of PC with a sandblasting treatment; the mounting frame is made of PC, with a white finish, processed by means of sandblasting. The ingress protection degree is IP44; the total weight is of 1.036 kg.

The total absorbed power is 10 W.

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

### Illuminotechnical Features

Light Output Ratio (LOR)	77 %
Luminous flux (source)	1021 lm
Luminaire luminous flux	795 lm
Consumption	10 W
Luminaire efficacy	81 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	83 Ra

### Life / Failure Ratio

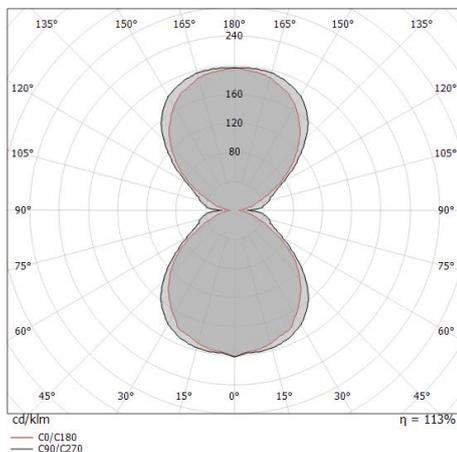
L80 B20 C0 80000h
-------------------

### UGR

X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	< 16
UGR axial	< 16

### OPTICAL

Light distribution simmetry	Symmetrical 2
C0/C180 optics	103°
C90/C270 optics	107°



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.36 1.26	641	53.6° 67	51.6° 77	
1.0	2.71 2.52	160	53.6° 17	51.6° 19	
1.5	4.07 3.79	71	53.6° 7	51.6° 9	
2.0	5.43 5.05	40	53.6° 4	51.6° 5	
2.5	6.78 6.31	26	53.6° 3	51.6° 3	
3.0	8.14 7.57	18	53.6° 2	51.6° 2	

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0/C180 (Half-peak divergence: 103.2°)  
— C90/C270 (Half-peak divergence: 107.2°)