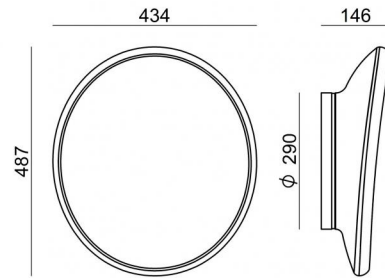




Wall Lights | 220-240 V  
104 topLED 18 W DC - 21 W AC | CRI 90  
**7786**



Technical data	
Construction year	2014
Type	Surface
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Total Power	21 W
Source lumens	2189 lm
Rated efficiency	240 - Array AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP44
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	Double emission
Net weight	5.915 Kg
Electrostatic discharge protection	No
Surge protection	No

### Finishing diffuser

Material	Glass
Colour	white
Processing	Acid etching

### Finishing mounting frame

Material	PC
Colour	white



Wall Lights | 220-240 V | 104 topLED 18 W DC - 21 W AC | CRI 90 | Base 7786

Double emission wall lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 104 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2189 lm, with a 121.6 lm/W nominal luminous efficacy.

The diffuser is made of glass with a acid etching treatment; the mounting frame is made of PC, with a white finish. The ingress protection degree is IP44; the total weight is of 5.915 kg.

The total absorbed power is 21 W.

The device features protection class II and can be wall lights or ceiling-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 F.

### Illuminotechnical Features

Light Output Ratio (LOR)	74 %
Source lumens	2189 lm
Delivered lumens	1621 lm
Consumption	21 W
Luminaire efficacy	77 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

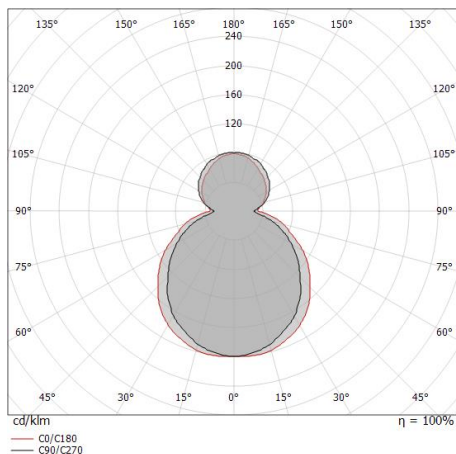
L80 B20 C0 80000h

### UGR

UGR axial	13.2
UGR transversal	14.6
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Light distribution simmetry	Symmetrical 2 assis
C0/C180 optics	126°
C90/C270 optics	113°



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.51 1.96	E(0°) 1296 E(C90) 56.4° 110 E(C0) 63.0° 61
1.0	3.01 3.93	E(0°) 324 E(C90) 56.4° 27 E(C0) 63.0° 15
1.5	4.52 5.89	E(0°) 144 E(C90) 56.4° 12 E(C0) 63.0° 7
2.0	6.02 7.85	E(0°) 81 E(C90) 56.4° 7 E(C0) 63.0° 4
2.5	7.53 9.81	E(0°) 52 E(C90) 56.4° 4 E(C0) 63.0° 2
3.0	9.03 11.78	E(0°) 36 E(C90) 56.4° 3 E(C0) 63.0° 2

— C0/C180 (Half-peak divergence: 126.0°)  
— C90/C270 (Half-peak divergence: 112.8°)