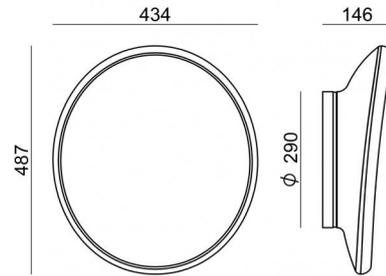




Wall Lights | 220-240 V
104 topLED 18 W DC - 21 W AC | CRI 90
7786



Technical data	
Construction year	2014
Type	Surface
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward and upward
Nominal power	18 W DC
Total Power	21 W
Source lumens	2189 lm
Voltage	220 - 240 V 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 diffused light distribution is composed of 104 topLED 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

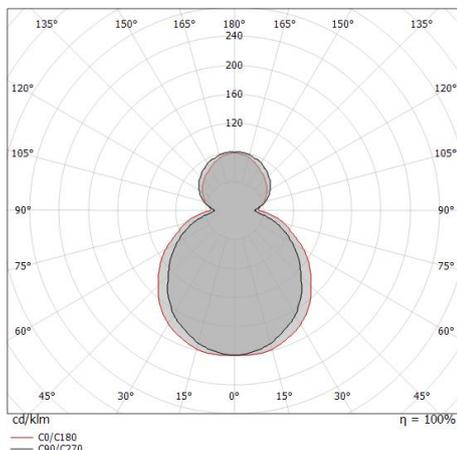
L80 B20 C0 80000h

UGR

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

OPTICAL

C90/C270 optics	113°
C0/C180 optics	126°
Light distribution symmetry	Symmetrical 2 axis



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°)