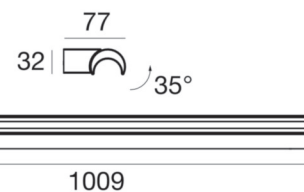


# Halfpipe



Wall Lights | 220-240 V | topLED 18 W 1000 mA | CRI 90  
8401



Technical data	
Type	Surface
Installation position	Wall lights
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward
Power	18 W
Source lumens	2191 lm
Frequency	60 - 50 Hz
CCT / Tone	2700 K
Colour rendering index	90 Ra
Safety class	1
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	Swivelling
total angle (horizontal plane)	35 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Electrostatic discharge protection	No
Surge protection	No

Finishing diffuser	
Material	Silicone
Colour	opaline

Wall Lights | 220-240 V | topLED 18 W 1000 mA | CRI 90  
8401

Single emission wall lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 100 topLEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 2191 lm, with a 121.7 lm/W nominal luminous efficacy.

The diffuser is made of silicone; the mounting frame is made of aluminium, with a translucent finish. The ingress protection degree is IP44;

The total absorbed power is 18 W.

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

### Illuminotechnical Features

Light Output Ratio (LOR)	52 %
Source lumens	2191 lm
Delivered lumens	1160 lm
Consumption	18 W
Luminaire efficacy	64 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra

### LED Life / Failure Ratio

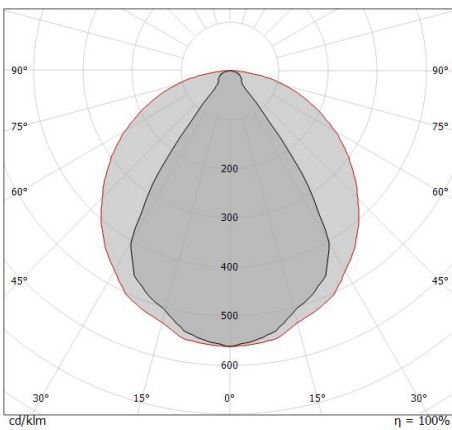
L80 B20 C0 80000h
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### UGR

X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	< 22
UGR axial	< 16

### OPTICAL

Light distribution simmetry	Asymmetrical
C0/C180 optics	112°
C90/C270 optics	68°



Distance [m]	Cone diameter [m]	illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.68 1.49	2607 741 226	2607	34.1°	56.1°
1.0	1.35 2.98	652 185 57	652	34.1°	56.1°
1.5	2.03 4.46	290 82 25	290	34.1°	56.1°
2.0	2.71 5.95	163 46 14	163	34.1°	56.1°
2.5	3.39 7.44	104 30 9	104	34.1°	56.1°
3.0	4.06 8.93	72 21 6	72	34.1°	56.1°

— C0/C180 (Half-peak divergence: 112.2°)  
— C90/C270 (Half-peak divergence: 68.2°)