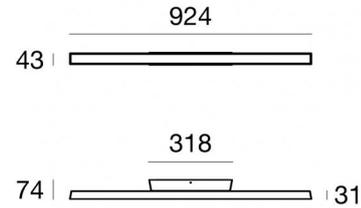
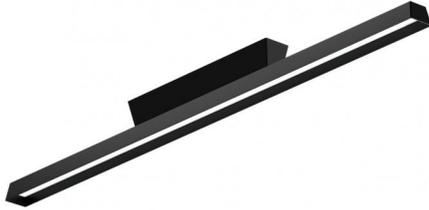


Ceiling Downlights | 220-240 V
168 topLED 27 W DC - 31 W AC | CRI 80
9337



Technical data	
Construction year	2020
Type	Surface
Installation position	Wall lights
Installation environment	Outdoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	27 W DC
Total Power	31 W
Source lumens	4136 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP65
IK	IK10
Glow wire test	960°
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	Yes
Type of light emission	Single emission
Net weight	2.4 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV

Finishing casing	
Material	Stainless steel 304
Colour	Text black (R9005)
Processing	Coating

Finishing diffuser	
Material	PU
Colour	opaline

Finishing mounting frame	
Material	Stainless steel 304
Colour	Text black (R9005)
Processing	Coating

Ceiling Downlights | 220-240 V | 168 topLED 27 W DC - 31 W AC | CRI 80 | Base
9337

Single emission ceiling downlights for outdoor application. The warm white LED light source with a diffused light distribution is composed of 168 topLEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 4136 lm, with a 153.2 lm/W nominal luminous efficacy.

The device body is made of stainless steel and features a text black (r9005) finish, processed by means of coating; the diffuser is made of pu; the mounting frame is made of stainless steel, with a text black (r9005) finish, processed by means of coating. The robust steel structure enhances the fixture's design and ensures long-lasting performance, even in the most demanding environments.

The ingress protection degree is IP65; the total weight is of 2.4 kg.

The total absorbed power is 31 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 4 light sources of energy efficiency class D.

Illuminotechnical Features

Light Output Ratio (LOR)	32 %
Source lumens	4136 lm
Delivered lumens	1352 lm
Consumption	31 W
Luminaire efficacy	43 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	-20 / +50°C

LED Life / Failure Ratio

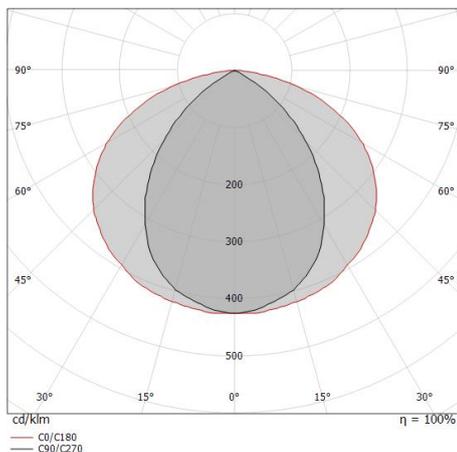
L70 B20 C0 72500h

UGR

UGR axial	17.7
UGR transversal	26.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	82°
C0/C180 optics	131°
Light distribution symmetry	Symmetrical 2 axis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.87 2.17	E(0°) 2302 E(C90) 497 E(C0) 84
1.0	1.74 4.35	E(0°) 576 E(C90) 124 E(C0) 21
1.5	2.61 6.52	E(0°) 256 E(C90) 55 E(C0) 9
2.0	3.48 8.70	E(0°) 144 E(C90) 31 E(C0) 5
2.5	4.35 10.87	E(0°) 92 E(C90) 20 E(C0) 3
3.0	5.22 13.04	E(0°) 64 E(C90) 14 E(C0) 2

— C0/C180 (Half-peak divergence: 130.6°)
— C90/C270 (Half-peak divergence: 82.0°)