

Vedette_R Single emission



Wall Lights | 198-264 V AC /186-275 V DC
1 x powerLED 4 W DC - 4.5 W AC | CRI 80

82773N00



Technical data	
Type	Surface
Installation position	Wall lights
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Diffused
Light emission direction	downward
Nominal power	4 W DC
Total Power	4.5 W
Source lumens	529 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP66
IK	IK05
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	Yes
Cable length	1 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.31 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV
Product technological characteristics	Acquastop - TVS

Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Open pore anodizing + Powder Coating

Finishing diffuser

Material	Extra clear glass - Tempered
Colour	opaline
Processing	Sandblasting

Cables Electrification

Cable connector	No
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The driver contained in the device complies with IEC 61347-2-13 annex J, and can therefore be powered by centralized power systems.



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Base
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Single emission wall lights for outdoor application. The natural white LED light source with a diffused light distribution is composed of 1 powered LED with CCT of 4000 K and a CRI 80; the source luminous flux is 529 lm, with a 132.3 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a sandblasting treatment. The ingress protection degree is IP66; the total weight is of 0.31 kg.

The total absorbed power is 4.5 W. The power supply cable is included and features a 1 m length.

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 a light source of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	24 %
Source lumens	529 lm
Delivered lumens	130 lm
Consumption	4.5 W
Luminaire efficacy	28 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra

Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

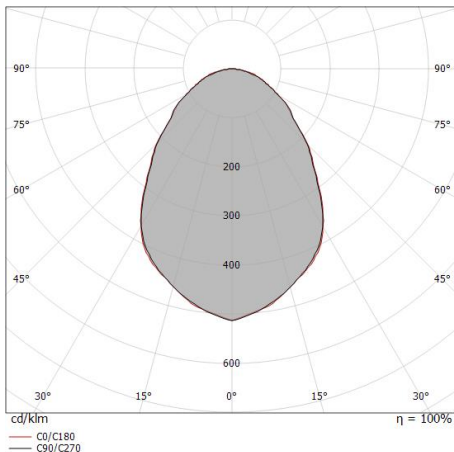
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

UGR axial	30.6
UGR transversal	30.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	80°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.84 0.85	E(0°) 266 E(C90) 60 E(C0) 59
1.0	1.68 1.70	E(0°) 66 E(C90) 15 E(C0) 15
1.5	2.52 2.54	E(0°) 30 E(C90) 7 E(C0) 7
2.0	3.36 3.38	E(0°) 17 E(C90) 4 E(C0) 4
2.5	4.20 4.24	E(0°) 11 E(C90) 2 E(C0) 2
3.0	5.03 5.09	E(0°) 7 E(C90) 2 E(C0) 2

— C0/C180 (Half-peak divergence: 80.6°)
— C90/C270 (Half-peak divergence: 80.0°)