

# 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

**82773N45**



Technical data	
Type	Surface
Installation position	Wall lights
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Medium Wide Flood
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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 Base  
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Single emission wall lights for outdoor application. The natural white LED light source with a medium wide flood light distribution is composed of 1 powered LEDs 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)	68 %
Source lumens	529 lm
Delivered lumens	360 lm
Consumption	4.5 W
Luminaire efficacy	80 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

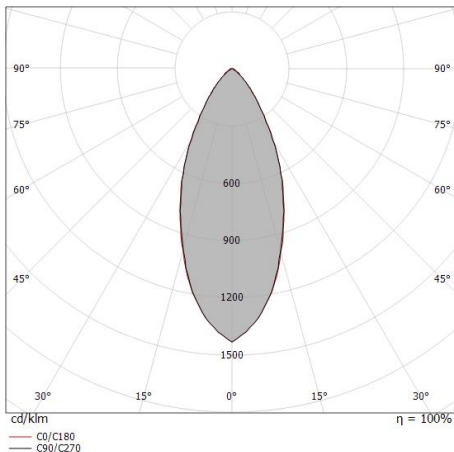
L70 B10 C0 247450h (at Tj 60 Ta 25 )

### UGR

UGR axial	25.6
UGR transversal	25.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	44°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.40 0.41	E(0°) 2060 E(C90) 822 E(C0) 820
1.0	0.81 0.81	E(0°) 515 E(C90) 205 E(C0) 205
1.5	1.21 1.22	E(0°) 229 E(C90) 91 E(C0) 91
2.0	1.62 1.62	E(0°) 129 E(C90) 51 E(C0) 51
2.5	2.02 2.03	E(0°) 82 E(C90) 33 E(C0) 33
3.0	2.42 2.44	E(0°) 57 E(C90) 23 E(C0) 23

— C0/C180 (Half-peak divergence: 44.2°)  
 — C90/C270 (Half-peak divergence: 44.0°)