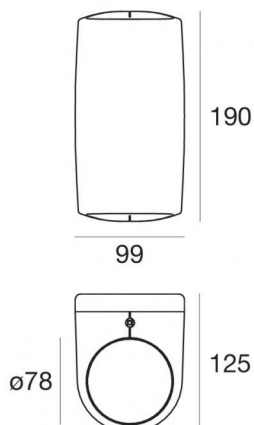


Vedette_R Single emission



Wall Lights | 198-264 V
1 arrayLED 14 W DC - 15.5 W AC | CRI 80

82816N15



Technical data	
Type	Surface
Installation position	Wall lights
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	downward
Nominal power	14 W DC
Total Power	15.5 W
Source lumens	1794 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	1
IP	IP66
IK	IK06
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	1.75 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV
Product technological characteristics	Acquastop - TVS

Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	Dark brown
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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Wall Lights | 198-264 V | 1 arrayLED 14 W DC - 15.5 W AC | CRI 80 | Base
82816N15

Single emission wall lights for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1794 lm, with a 128.1 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a dark brown 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 1.75 kg.

The total absorbed power is 15.5 W. The power supply cable is included and features a 1 m length.

The device features protection class I 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)	75 %
Source lumens	1794 lm
Delivered lumens	1354 lm
Consumption	15.5 W
Luminaire efficacy	87 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 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

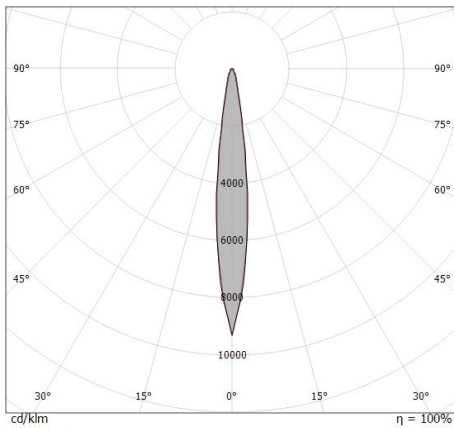
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	20.9
UGR transversal	20.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	13°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.12 0.11	E(0°) 50434 E(C90) 6.7° 24772 E(C0) 6.5° 24816
1.0	0.23 0.23	E(0°) 12609 E(C90) 6.7° 6193 E(C0) 6.5° 6204
1.5	0.35 0.34	E(0°) 5604 E(C90) 6.7° 2752 E(C0) 6.5° 2757
2.0	0.47 0.46	E(0°) 3152 E(C90) 6.7° 1548 E(C0) 6.5° 1551
2.5	0.59 0.57	E(0°) 2017 E(C90) 6.7° 991 E(C0) 6.5° 993
3.0	0.70 0.68	E(0°) 1401 E(C90) 6.7° 688 E(C0) 6.5° 689

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 13.0°)
— C90/C270 (Half-peak divergence: 13.4°)