Vedette_Q Double emission

Wall Lights | 198-264 V
2 arrayLED 16 W DC - 18 W AC | CRI 80
82790M60
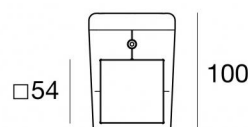
Technical data	
Type	Surface
Installation position	Wall lights
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Double Wide Flood
Light emission direction	downward and upward
Nominal power	16 W DC
Total Power	18 W
Source lumens	2082 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP65
IK	IK07
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	No
Type of light emission	Double emission
Net weight	0.96 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV
Product technological characteristics	Acquastop

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

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Vedette_Q Double emission

Wall Lights | 198-264 V | 2 arrayLED 16 W DC - 18 W AC | CRI 80 | Base
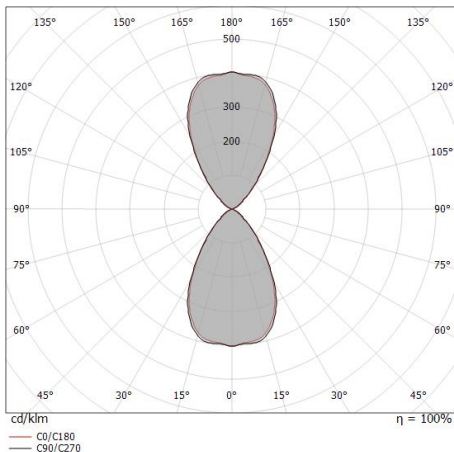**82790M60**

Double emission wall lights for outdoor application. The super warm white LED light source with a double wide flood light distribution is composed of 2 arrayled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 2082 lm, with a 130.1 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a grey finish, processed by means of open pore anodizing + powder coating. The ingress protection degree is IP65; the total weight is of 0.96 kg.

The total absorbed power is 18 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 2 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	65 %
Source lumens	2082 lm
Delivered lumens	1374 lm
Consumption	18 W
Luminaire efficacy	76 lm/W
Colour temperature	2700 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	23.6
UGR transversal	23.7
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	65°
Light distribution simmetry	Symmetrical

cd/klm η = 100%
— C0/C180
— C90/C270

Distance [m]	Cone diameter [m]		Illuminance [lx]		
0.5	0.65	0.64	E(0°) E(C90) 33.1° E(C0) 32.6°		2222 654 667
1.0	1.30	1.28	E(0°) E(C90) 33.1° E(C0) 32.6°		555 163 167
1.5	1.96	1.92	E(0°) E(C90) 33.1° E(C0) 32.6°		247 73 74
2.0	2.61	2.56	E(0°) E(C90) 33.1° E(C0) 32.6°		139 41 42
2.5	3.26	3.20	E(0°) E(C90) 33.1° E(C0) 32.6°		89 26 27
3.0	3.91	3.84	E(0°) E(C90) 33.1° E(C0) 32.6°		62 18 19

— C0/C180 (Half-peak divergence: 65.2°)
— C90/C270 (Half-peak divergence: 66.2°)

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