

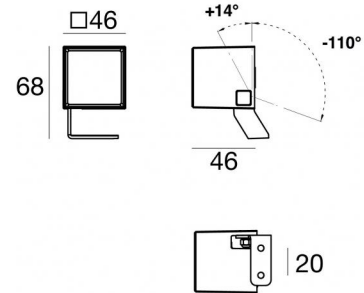
Periskop45



Projectors

1 + 1 + 1 + 1 x powerLED 24 W DC 500 mA | CRI 80

90520W60



Technical data

Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Wide Flood + Wide Flood + Wide Flood + Wide Flood
Light emission direction	frontal + frontal + frontal + frontal
Nominal power	24 W DC
Source lumens	2636 lm
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP66
IK	IK05
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	Swivelling
total angle (vertical plane)	124 °
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	0.2 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	Acquastop - TVS

Finishing casing

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

Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening

Finishing bracket

Material	Aluminium 5754
Colour	Anodised Black
Processing	15 µm Anodizing

Electronics



99185
On/Off Driver 198-264V AC (1 art.)



C-E200007
On/Off Driver 198-264V AC / 180-275V DC (1 art.)

Cables Electrification

Cable connector	No
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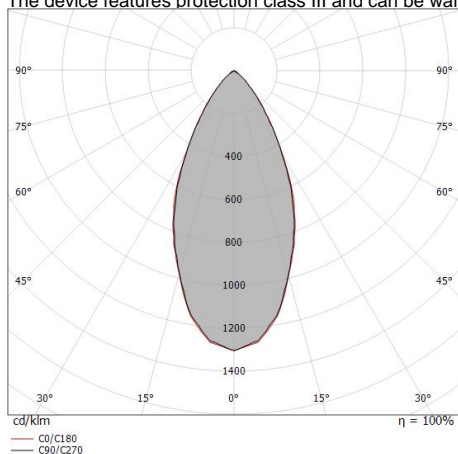
Projectors | 1 + 1 + 1 + 1 x powerLED 24 W DC 500 mA | CRI 80 | Base
90520W60

Single emission projectors for outdoor application. The warm white LED light source with a wide flood light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 659 lm, with a 109.8 lm/W nominal luminous efficacy The warm white LED light source with a wide flood light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 659 lm, with a 109.8 lm/W nominal luminous efficacy The warm white LED light source with a wide flood light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 659 lm, with a 109.8 lm/W nominal luminous efficacy The warm white LED light source with a wide flood light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 659 lm, with a 109.8 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP66; the total weight is of 0.2 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 24 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be wall lights, ceiling or



c provisions.

Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.46 0.47	E(0°) 2362 E(C90) 892 E(C0) 881
1.0	0.92 0.93	E(0°) 591 E(C90) 223 E(C0) 220
1.5	1.37 1.40	E(0°) 262 E(C90) 99 E(C0) 98
2.0	1.83 1.87	E(0°) 148 E(C90) 56 E(C0) 55
2.5	2.29 2.33	E(0°) 94 E(C90) 36 E(C0) 35
3.0	2.75 2.80	E(0°) 66 E(C90) 25 E(C0) 24

— C0/C180 (Half-peak divergence: 50.0°)
— C90/C270 (Half-peak divergence: 49.2°)

Energy efficiency class

This product contains 4 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	17 %
Source lumens	2636 lm
Delivered lumens	454 lm
Consumption	6 W
Luminaire efficacy	75 lm/W
Colour temperature	3000 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	23.6
UGR transversal	23.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

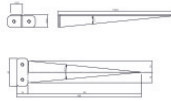
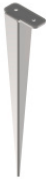
OPTICAL

C0/C180 optics	49°
Light distribution simmetry	Symmetrical



Picket - L. 160mm
installation position: land,Cover material: aisi 304 steel

Code
98624



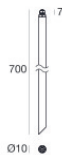
Picket
installation position: land,Cover material: aisi 304 steel

Code
98550



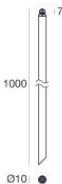
Bag / Fixing kit - Belt for installation on tree

Code
99802



Picket - L. 700mm
installation position: land,Cover material: aisi 304 steel

Code
C-F500002



Picket - L. 1000mm
installation position: land,Cover material: aisi 304 steel

Code
C-F500003