

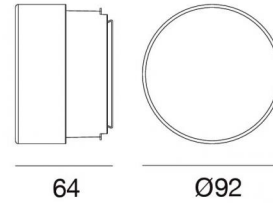
Chobin65 LED



Wall Lights - Ceiling Downlights | 220-240 V
1 topLED 1.5 W DC - 2 W AC | CRI 80



8322



Technical data	
Construction year	2019
Type	- - -
Installation position	Wall lights - Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	frontal
Nominal power	1.5 W DC
Total Power	2 W
Source lumens	266 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP65
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	No
Resin potting	No
Type of light emission	Radial diffusion
Net weight	0.170 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	UV Resistant Polycarbonate
Colour	White
Processing	Liquid painting

Finishing diffuser

Material	Silicone
Colour	transparent
Processing	Satin finishing

Finishing mounting frame

Material	Iron
Colour	zinc
Processing	Washing



Wall Lights - Ceiling Downlights | 220-240 V | 1 topLED 1.5 W DC - 2 W AC | CRI 80 | Base

8322

Radial diffusion wall lights or ceiling downlights for outdoor application.

The warm white LED light source with a diffused light distribution is composed of 1 topped LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 266 lm, with a 177.3 lm/W nominal luminous efficacy.

The device body is made of uv resistant polycarbonate and features a white finish, processed by means of liquid painting; the diffuser is made of silicone with a satin finishing treatment; the mounting frame is made of iron, with a zinc finish, processed by means of washing. The ingress protection degree is IP65; the total weight is of 0.170 kg.

The total absorbed power is 2 W.

The device features protection class II and can be wall lights or ceiling-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 D.

Illuminotechnical Features

Light Output Ratio (LOR)	92 %
Source lumens	266 lm
Delivered lumens	246 lm
Consumption	2 W
Luminaire efficacy	123 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	-20 / +50°C

LED Life / Failure Ratio

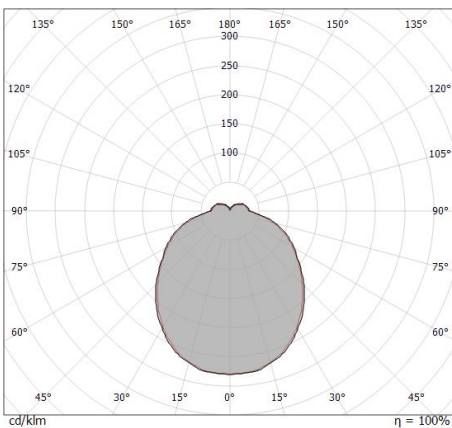
L70 B20 C0 72500h

UGR

UGR axial	28.1
UGR transversal	27.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	110°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.44 1.43	E(0°) 275 E(C90) 25 E(C0) 26
1.0	2.89 2.86	E(0°) 69 E(C90) 6 E(C0) 6
1.5	4.33 4.28	E(0°) 31 E(C90) 3 E(C0) 3
2.0	5.78 5.71	E(0°) 17 E(C90) 2 E(C0) 2
2.5	7.22 7.14	E(0°) 11 E(C90) 1 E(C0) 1
3.0	8.67 8.57	E(0°) 8 E(C90) 1 E(C0) 1

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

— C0/C180 (Half-peak divergence: 110.0°)
— C90/C270 (Half-peak divergence: 110.6°)