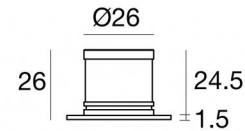




Downlights | 1 x powerLED 1 W DC 350 mA | CRI 90  
**C00275ISMWF**



## Technical data

Type	Encasement with flange
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLED
Optics	Wide Flood
Light emission direction	downward
Nominal power	1 W DC
Source lumens	124 lm
Input voltage range	350mA
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP44
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.12 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.06 Kg
Electrostatic discharge protection	No
Surge protection	No

## Finishing casing

Material	Stainless steel 316L
Colour	steel
Processing	Shot peening

## Electronics

	89144 On/Off Driver 198~264V AC / 180~275V DC (1 - 2 art.)
	89145 On/Off Driver 198~264V AC / 180~275V DC (1 - 6 art.)
	99375 On/Off Driver 198~264V AC (1 - 14 art.)
	C-E100010 1-10V - 0-10V Controller (1 - 4 art.)
	C-E100011 Push and Simply Dim - DALI-2 Controller (1 - 4 art.)

## Downlights | 1 x powerLED 1 W DC 350 mA | CRI 90 | Base C00275ISMWF

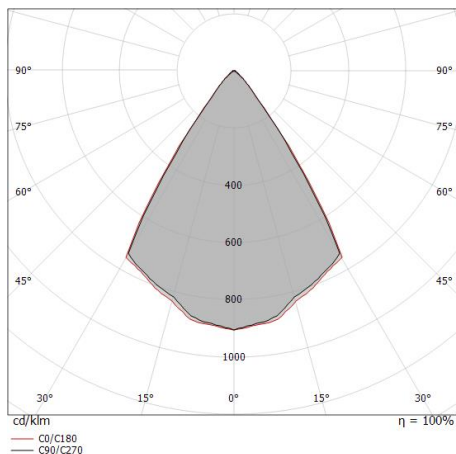
Single emission recessed downlights for indoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 124 lm, with a 124.0 lm/W nominal luminous efficacy.

The device body is made of stainless steel and features a steel finish, processed by means of shot peening. The ingress protection degree is IP44; the total weight is of 0.06 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 1 W. The power supply cable is included and features a 0.12 m length.

The device features protection class III and can be wall lights or ceiling-mounted, with a 29 mm diameter hole (in plasterboard) with an outer casing, code 84915(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.67 0.68	E(0°) 380 E(C90) 109 E(C0) 108
1.0	1.34 1.36	E(0°) 95 E(C90) 27 E(C0) 27
1.5	2.01 2.04	E(0°) 42 E(C90) 12 E(C0) 12
2.0	2.68 2.72	E(0°) 24 E(C90) 7 E(C0) 7
2.5	3.35 3.40	E(0°) 15 E(C90) 4 E(C0) 4
3.0	4.02 4.08	E(0°) 11 E(C90) 3 E(C0) 3

— C0/C180 (Half-peak divergence: 68.4°)  
- - C90/C270 (Half-peak divergence: 67.6°)

### Energy efficiency class

This product contains a light source of energy efficiency class F.

### Illuminotechnical Features

Light Output Ratio (LOR)	84 %
Source lumens	124 lm
Delivered lumens	105 lm
Consumption	1,0 W
Luminaire efficacy	105 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### LED Life / Failure Ratio

L70 B20 C0 214455h (at Tj 60 Ta 25 )

### UGR

UGR axial	22.1
UGR transversal	22.3
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	68°
Light distribution simmetry	Symmetrical



Outer casing

installation position: ceiling; type of installation: masonry L=42mm, H=35mm, D=35mm.

Material:ABS Plastic, colour:black.

**Code**

84336



Outer casing

installation position: wall lights; type of installation: masonry L=49mm, H=60mm, D=60mm.

Material:ABS Plastic, colour:black.

**Code**

84915