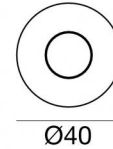
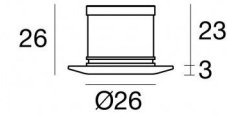




Downlights | 1 x powerLED 1 W DC 350 mA | CRI 90  
**C00269ISNML**



29

### Technical data

Type	Encasement with flange
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLED
Optics	Medium Flood
Light emission direction	downward
Nominal power	1 W DC
Source lumens	147 lm
Input voltage range	350mA
CCT / Tone	4000 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	0.058 Kg
Electrostatic discharge protection	No
Surge protection	No

### Finishing casing

Material	Stainless steel 316
Colour	steel
Processing	Shot peening

### Electronics

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



Downlights | 1 x powerLED 1 W DC 350 mA | CRI 90 | Base C00269ISNML

Single emission recessed downlights for indoor application. The natural white LED light source with a medium flood light distribution is composed of 1 powered LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 147 lm, with a 147.0 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 0.058 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.

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	77 %
Source lumens	147 lm
Delivered lumens	114 lm
Consumption	1,0 W
Luminaire efficacy	114 lm/W
Colour temperature	4000 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

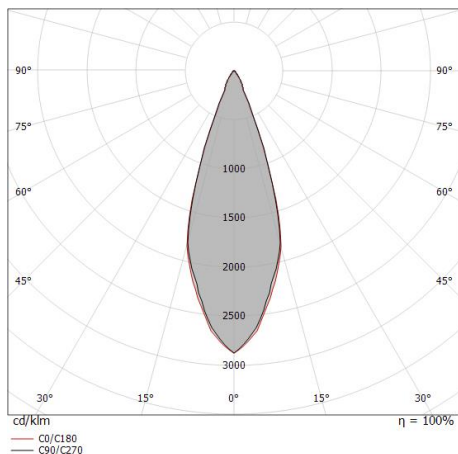
L70 B20 C0 214455h (at Tj 60 Ta 25 )

### UGR

UGR axial	16.6
UGR transversal	17
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	35°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Half-peak divergence [°]	E(0°) [lx]	E(C90) [lx]	E(C0) [lx]
0.5	0.32	35.4°	1310	571	568
1.0	0.63	35.2°	328	143	142
1.5	0.95	35.2°	146	63	63
2.0	1.27	35.2°	82	36	35
2.5	1.59	35.2°	52	23	23
3.0	1.90	35.2°	36	16	16

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0/C180 (Half-peak divergence: 35.4°)  
— C90/C270 (Half-peak divergence: 35.2°)



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