Nitum_Q

Downlights | 1 x powerLED 1 W DC 350 mA | CRI 90
C00275WHMWF

Ø26
26 | 24.5
1.5

29

□40
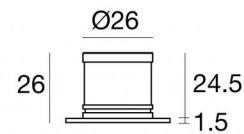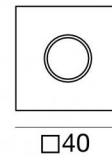
Technical data

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	Brass
Colour	White
Processing	Coating

Electronics

89144	On/Off Driver 198~264V AC / 180~275V DC (1 - 2 art.)
89145	On/Off Driver 198~264V AC / 180~275V DC (3 - 6 art.)
99375	On/Off Driver 198~264V AC (8 - 12 art.)
C-E100010	1-10V - 0-10V Controller (3 - 4 art.)
C-E100011	Push and Simply Dim - DALI-2 Controller (3 - 4 art.)

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Nitum_Q

Downlights | 1 x powerLED 1 W DC 350 mA | CRI 90 | Base
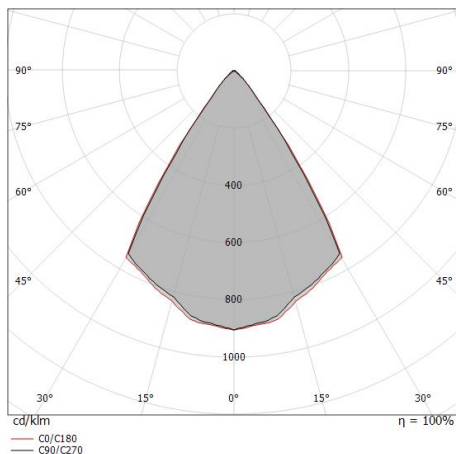**C00275WHMWF**

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 brass and features a white finish, processed by means of coating. 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.

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

cd/klm η = 100%
— C0/C180
— C90/C270

Distance [m]	Cone diameter [m]			Illuminance [lx]
0.5	0.67 / 0.68	E(0°)		380
		E(C90)	33.8°	109
		E(C0)	34.2°	108
1.0	1.34 / 1.36	E(0°)		95
		E(C90)	33.8°	27
		E(C0)	34.2°	27
1.5	2.01 / 2.04	E(0°)		42
		E(C90)	33.8°	12
		E(C0)	34.2°	12
2.0	2.68 / 2.72	E(0°)		24
		E(C90)	33.8°	7
		E(C0)	34.2°	7
2.5	3.35 / 3.40	E(0°)		15
		E(C90)	33.8°	4
		E(C0)	34.2°	4
3.0	4.02 / 4.08	E(0°)		11
		E(C90)	33.8°	3
		E(C0)	34.2°	3

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

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Nitum_Q

Nitum_Q | Downlights | Accessories
C00275WHMWF

Ø35

42

Ø31

Outer casing

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

Material:ABS Plastic, colour:black.

Code

84336

Ø60

49

Ø31

Outer casing

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

Material:ABS Plastic, colour:black.

Code

84915

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