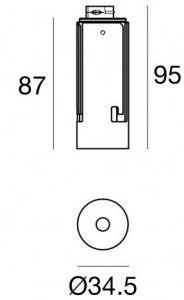




Downlights | 1 x powerLED 4 W DC 350 mA | CRI 90
82075W30



Technical data	
Type	Encasement without flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLED
Optics	Medium Flood
Light emission direction	downward
Nominal power	4 W DC
Source lumens	416 lm
Input voltage range	350mA
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP20
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	0.17 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.13 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Set-back low glare optics
Product technological characteristics	TVS


Finishing casing


Material	Aluminium 6026
Colour	Chalk white
Processing	Powder coating


Finishing diffuser

Colour	transparent
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Electronics

 89145
On/Off Driver 198-264V AC / 180-275V DC (1 art.)

 99375
On/Off Driver 198-264V AC (2 - 3 art.)

 C-E100010
1-10V - 0-10V Controller (1 art.)

 C-E100011
Push and Simply Dim - DALI-2 Controller (1 art.)

Cables Electrification

Cable connector	No
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Downlights | 1 x powerLED 4 W DC 350 mA | CRI 90 | Base 82075W30

Single emission recessed downlights for indoor application. The warm white LED light source with a medium flood light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 416 lm, with a 104.0 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 and features a chalk white finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.13 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 W. The power supply cable is included and features a 0.17 m length.

The device features protection class III and can be ceiling-mounted with an outer casing, code C-C100006(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)	24 %
Source lumens	416 lm
Delivered lumens	103 lm
Consumption	4 W
Luminaire efficacy	25 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

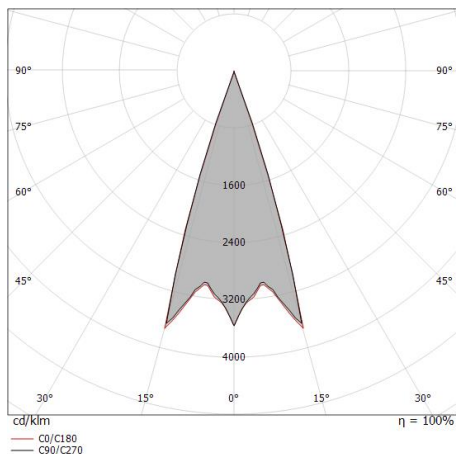
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

UGR axial	-9.7
UGR transversal	-9.7
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]	illuminance [lx]
0.5	0.32	E(0°) 1454 E(C90) 670 E(C0) 667
1.0	0.63	E(0°) 363 E(C90) 168 E(C0) 167
1.5	0.95	E(0°) 162 E(C90) 74 E(C0) 74
2.0	1.26	E(0°) 91 E(C90) 42 E(C0) 42
2.5	1.58	E(0°) 58 E(C90) 27 E(C0) 27
3.0	1.89	E(0°) 40 E(C90) 19 E(C0) 19

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

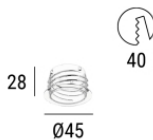
— C0/C180 (Half-peak divergence: 35.2°)
— C90/C270 (Half-peak divergence: 35.0°)

COLOR VECTOR GRAPHIC





Giotto_RF | Downlights | Accessories
82075W30



Outer casing - Frameless outer-casing

installation position: ceiling; type of installation: drywall L=45mm, H=28mm, D=45mm.

Material:PC, colour:transparent.

Finish **Code**

Transp. C-C100006