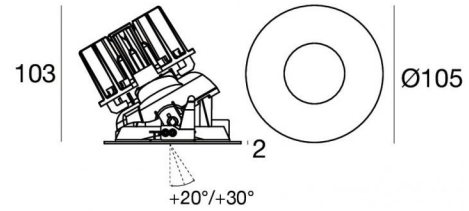




Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90
C00643WHWSP



92

Max inclination:
 +20° with double panel
 +30° with single panel


Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	downward
Nominal power	9 W DC
Source lumens	1119 lm
Input voltage range	700mA
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP40
Optical compartment IP	IP65
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	Yes
total angle (horizontal plane)	360 °
total angle (vertical plane)	30 °
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.2 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.35 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Honey comb


Finishing casing	
Material	Technopolymer
Colour	White RAL 9003


Finishing diffuser	
Material	UV Resistant Polycarbonate
Colour	transparent

Finishing radiator	
Material	Die-cast Aluminium EN AB - 46100
Colour	Aluminium
Processing	Polishing

Electronics

 99147
 On/Off Driver 198~264V AC (1 - 2 art.)

 99735
 Multi Power 198~264V AC / 180~275V DC (1 art.)

 99733
 1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)

 C-E100012
 Push and Simply Dim - DALI-2 Controller (1 art.)

 C-E100016
 Push and Simply Dim - DALI-2 Controller (1 - 2 art.)



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90 | Base C00643WHWSP

Single emission recessed downlights for indoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1119 lm, with a 124.3 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white ral 9003 finish; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP40; the total weight is of 0.35 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 9 W. The power supply cable is included and features a 0.2 m length.

The device features protection class III and can be ceiling-mounted, with a 92 mm diameter hole (in plasterboard) with an outer casing, code 83065(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)	56 %
Source lumens	1119 lm
Delivered lumens	635 lm
Consumption	9 W
Luminaire efficacy	70 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	2 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

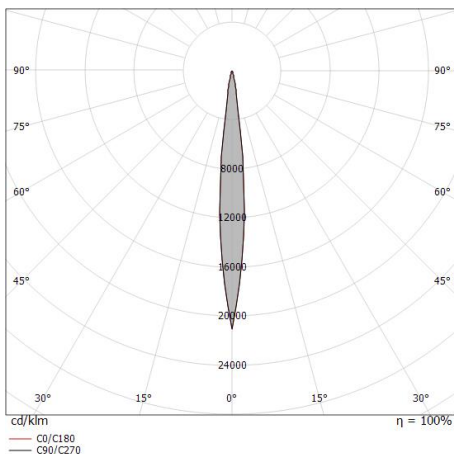
L70 B10 C0 112960h (at Tj 65 Ta 25)

UGR

UGR axial	-2.7
UGR transversal	-2.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	11°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.09 0.10	E(0°) 53371 E(C90) 5.4° 26352 E(C0) 5.5° 26421
1.0	0.19 0.19	E(0°) 13243 E(C90) 5.4° 6588 E(C0) 5.5° 6605
1.5	0.28 0.29	E(0°) 5930 E(C90) 5.4° 2928 E(C0) 5.5° 2936
2.0	0.38 0.38	E(0°) 3336 E(C90) 5.4° 1647 E(C0) 5.5° 1651
2.5	0.47 0.48	E(0°) 2135 E(C90) 5.4° 1054 E(C0) 5.5° 1057
3.0	0.57 0.58	E(0°) 1483 E(C90) 5.4° 732 E(C0) 5.5° 734

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

— C0/C180 (Half-peak divergence: 11.0°)
— C90/C270 (Half-peak divergence: 10.8°)



		<p>Outer casing installation position: ceiling; type of installation: masonry L=200mm, H=113mm, D=137mm. Material:polypropylene, colour:white.</p>	<p>Code <u>89373</u></p>
		<p>Outer casing installation position: ceiling; type of installation: masonry L=370mm, H=120mm, D=200mm. Material:polypropylene, colour:white.</p>	<p>Code <u>89374</u></p>
		<p>Outer casing installation position: ceiling; type of installation: drywall L=109mm, H=12mm, D=109mm. Material:Aluminium, colour:Anodised Aluminum, processing:Anodisation.</p>	<p>Finish Code <u>83065</u></p>
		<p>Anti-glare Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black.</p>	<p>Code <u>83379</u></p>
		<p>Diffuser Diffuser Type: elliptical filter</p>	<p>Code <u>83380</u></p>
		<p>Diffuser Diffuser Type: aesthetic filter</p>	<p>Code <u>83381</u></p>
		<p>Quantum_RJ EVO gold front kit</p>	<p>Code <u>C-K400104</u></p>
		<p>Quantum_RJ EVO copper front kit</p>	<p>Code <u>C-K400105</u></p>



Vos_RJ EVO gold front kit

Code
C-K400102



Vos_RJ EVO copper front kit

Code
C-K400103



Warp_RJ EVO white front kit

Code
C-K400091



Warp_RJ EVO black front kit

Code
C-K400092



Warp_RJ EVO copper front kit

Code
C-K400115



Warp_RJ EVO gold front kit

Code
C-K400114



Quantum_RJ EVO black front kit

Code
C-K400090



Quantum_RJ EVO white front kit

Code
C-K400089



Vos_RJ EVO black front kit

Code
C-K400086



Vos_RJ EVO white front kit

Code
C-K400085