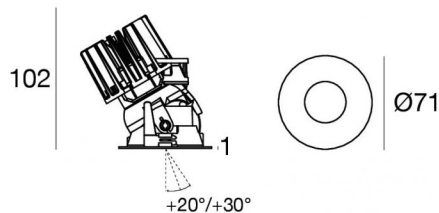




Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90  
**C00624WHMFL**



64



**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	Flood
Light emission direction	downward
Nominal power	9 W DC
Source lumens	1059 lm
Input voltage range	700mA
CCT / Tone	2700 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	0.3 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 C00624WHMFL

Single emission recessed downlights for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1059 lm, with a 117.7 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 0.3 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 64 mm diameter hole (in plasterboard) with an outer casing, code 99849(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)	41 %
Source lumens	1059 lm
Delivered lumens	435 lm
Consumption	9 W
Luminaire efficacy	48 lm/W
Colour temperature	2700 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 )

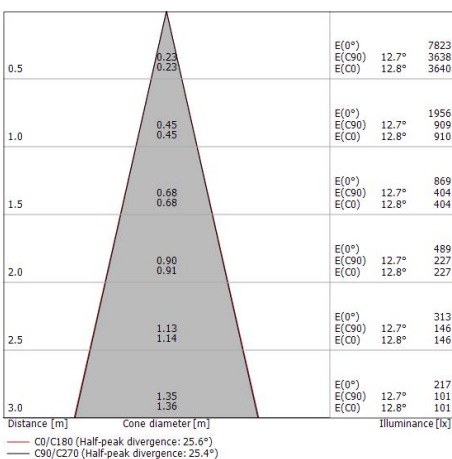
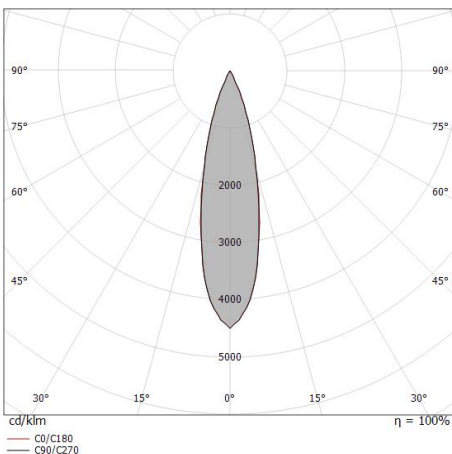
### UGR

UGR axial	-1.9
UGR transversal	-1.9
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics 25°









Light distribution simmetry Symmetrical





		<p>Outer casing                      installation position: ceiling; type of installation: masonry L=200mm, H=113mm, D=137mm.                      Material:polypropylene, colour:white.</p>	<p><b>Code</b>  <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><b>Code</b>  <u>89374</u></p>
		<p>Outer casing                      installation position: ceiling; type of installation: drywall L=77.5mm, H=28mm, D=77.5mm.                      Material:Aluminium, colour:Anodised Aluminum, processing:Anodisation.</p>	<p><b>Finish</b>  <span style="background-color: #cccccc; display: inline-block; width: 20px; height: 10px;"></span> <b>Code</b>  <u>99849</u></p>
		<p>Optics                      Light distribution: medium wide flood,Cover material: uv resistant polycarbonate</p>	<p><b>Code</b>  <u>83372</u></p>
		<p>Optics                      Light distribution: medium flood,Cover material: uv resistant polycarbonate</p>	<p><b>Code</b>  <u>83371</u></p>
		<p>Optics                      Light distribution: spot,Cover material: uv resistant polycarbonate</p>	<p><b>Code</b>  <u>83370</u></p>
		<p>Anti-glare                      Anti-glare Type: honeycomb louvre.                      Material:Pom-C, colour:Black.</p>	<p><b>Code</b>  <u>83367</u></p>
		<p>Diffuser                      Diffuser Type: elliptical filter</p>	<p><b>Code</b>  <u>83368</u></p>



	Diffuser Diffuser Type: aesthetic filter	<b>Code</b> <u>83369</u>
	Warp_QJ EVO black front kit	<b>Code</b> <u>C-K400094</u>
	Quantum_RJ EVO gold front kit	<b>Code</b> <u>C-K400110</u>
	Quantum_RJ EVO copper front kit	<b>Code</b> <u>C-K400111</u>
	Vos_RJ EVO copper front kit	<b>Code</b> <u>C-K400109</u>
	Vos_RJ EVO gold front kit	<b>Code</b> <u>C-K400108</u>
	Warp_RJ EVO gold front kit	<b>Code</b> <u>C-K400028</u>
	Warp_RJ EVO copper front kit	<b>Code</b> <u>C-K400029</u>



Warp\_QJ EVO black front kit

**Code**

C-K400082



Warp\_QJ EVO white front kit

**Code**

C-K400081



Quantum\_RJ EVO black front kit

**Code**

C-K400088



Quantum\_RJ EVO white front kit

**Code**

C-K400087



Vos\_RJ EVO black front kit

**Code**

C-K400084



Vos\_RJ EVO white front kit

**Code**

C-K400083