

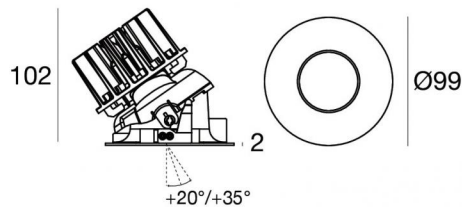
Quantum_RJ EVO



Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90
C00644BBNML



89



Max inclination:
+20° with double panel
+35° with single panel

Technical data

Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Medium Flood
Light emission direction	downward
Nominal power	14 W DC
Source lumens	2411 lm
Input voltage range	400mA
CCT / Tone	4000 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)	35 °
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

Finishing casing

Material	Technopolymer
Colour	Black
Processing	Coating


Finishing diffuser


Material	UV Resistant Polycarbonate
Colour	transparent

Finishing radiator

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

Electronics

 99734
Multi Power 198~264V AC / 180~275V DC (1 art.)

 99732
1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)

 83322
Push and Simply Dim - DALI-2 Controller (1 art.)



Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90 | Base C00644BBNML

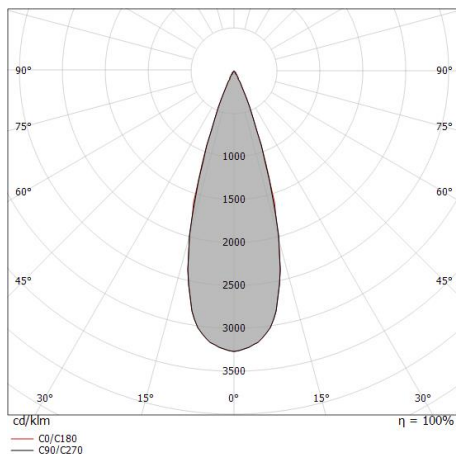
Single emission recessed downlights for indoor application. The natural white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2411 lm, with a 172.2 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a black finish, processed by means of coating; 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 14 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 89 mm diameter hole (in plasterboard) with an outer casing, code 89374(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.30 0.30	E(0°) 20580 E(C90) 9109 E(C0) 9042
1.0	0.60 0.60	E(0°) 5145 E(C90) 2277 E(C0) 2260
1.5	0.89 0.91	E(0°) 2287 E(C90) 1012 E(C0) 1005
2.0	1.19 1.21	E(0°) 1286 E(C90) 569 E(C0) 565
2.5	1.49 1.51	E(0°) 823 E(C90) 364 E(C0) 362
3.0	1.79 1.81	E(0°) 572 E(C90) 253 E(C0) 251

— C0/C180 (Half-peak divergence: 33.6°)
— C90/C270 (Half-peak divergence: 33.2°)

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	65 %
Source lumens	2411 lm
Delivered lumens	1574 lm
Consumption	14 W
Luminaire efficacy	112 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Colour Rendering Index	60 R9
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 252000h (at Tj 65 Ta 25)

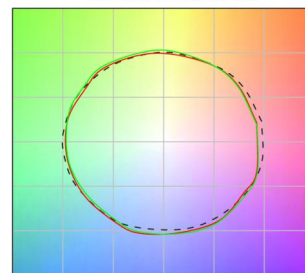
UGR

UGR axial	8.3
UGR transversal	8.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	33°
Light distribution simmetry	Symmetrical

COLOR VECTOR GRAPHIC





		<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>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>Optics - Steel AISI 304L Light distribution: flood,Cover material: uv resistant polycarbonate</p>	<p>Code <u>83382</u></p>
		<p>Optics Light distribution: medium flood,Cover material: uv resistant polycarbonate</p>	<p>Code <u>83383</u></p>
		<p>Optics Light distribution: wide flood,Cover material: uv resistant polycarbonate</p>	<p>Code <u>83384</u></p>



Warp_QJ EVO white front kit

Code

C-K400095



Warp_QJ EVO black front kit

Code

C-K400096



Quantum_RJ EVO gold front kit

Code

C-K400104



Quantum_RJ EVO copper front kit

Code

C-K400105



Vos_RJ EVO gold front kit

Code

C-K400102



Vos_RJ EVO copper front kit

Code

C-K400103



Warp_QJ EVO gold front kit

Code

C-K400106



Warp_QJ EVO copper front kit

Code

C-K400107



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

