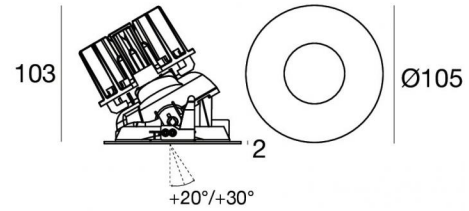




Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90
C00641WHNFL



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 | 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) | 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 | |
|---|---|
|  | 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 C00641WHNFL

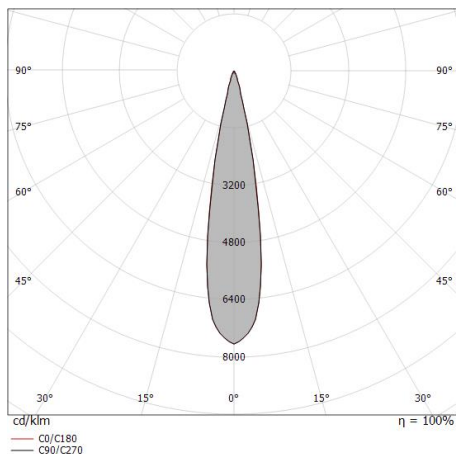
Single emission recessed downlights for indoor application. The natural white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2411 lm, with a 172.2 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a 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 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 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.



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.18 0.18 | E(0°) 31435 E(C90) 10.0° 15140 E(C0) 10.2° 15243 |
| 1.0 | 0.35 0.36 | E(0°) 7859 E(C90) 10.0° 3785 E(C0) 10.2° 3811 |
| 1.5 | 0.53 0.54 | E(0°) 3493 E(C90) 10.0° 1682 E(C0) 10.2° 1694 |
| 2.0 | 0.71 0.72 | E(0°) 1965 E(C90) 10.0° 946 E(C0) 10.2° 953 |
| 2.5 | 0.88 0.90 | E(0°) 1257 E(C90) 10.0° 606 E(C0) 10.2° 610 |
| 3.0 | 1.06 1.08 | E(0°) 873 E(C90) 10.0° 421 E(C0) 10.2° 423 |

— C0/C180 (Half-peak divergence: 20.4°)
— C90/C270 (Half-peak divergence: 20.0°)

Energy efficiency class

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

Illuminotechnical Features

| | |
|--|----------------|
| Light Output Ratio (LOR) | 42 % |
| Source lumens | 2411 lm |
| Delivered lumens | 1029 lm |
| Consumption | 14 W |
| Luminaire efficacy | 73 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 | 1.3 |
| UGR transversal | 1.3 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 20° |
| 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>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>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> |



| | | |
|---|---|---------------------------------|
|  | Optics Light distribution: wide flood,Cover material: uv resistant polycarbonate | Code <u>83384</u> |
|  | Quantum_RJ EVO gold front kit | Code <u>C-K400104</u> |
|  | Quantum_RJ EVO copper front kit | Code <u>C-K400105</u> |
|  | Vos_RJ EVO gold front kit | Code <u>C-K400102</u> |
|  | Vos_RJ EVO copper front kit | Code <u>C-K400103</u> |
|  | Warp_RJ EVO white front kit | Code <u>C-K400091</u> |
|  | Warp_RJ EVO black front kit | Code <u>C-K400092</u> |
|  | Warp_RJ EVO copper front kit | Code <u>C-K400115</u> |



Warp_RJ EVO gold front kit

Code
C-K400114



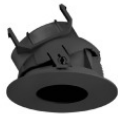
Quantum_RJ EVO black front kit

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