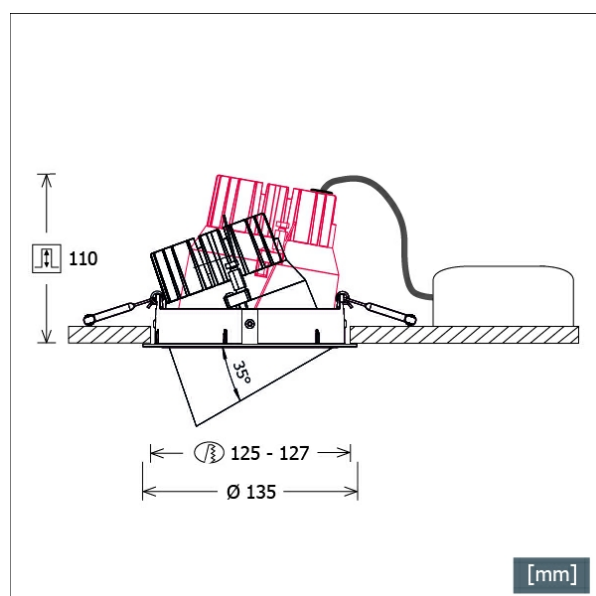


CSA-R 502.940.OV46/DALI



| Colours | Article no. | EAN |
|---------|-------------|---------------|
| silver | 670155 | 4043544818232 |
| black | 670156 | 4043544818249 |
| white | 670157 | 4043544818256 |



Description

- recessed spotlight with conical light-head made from die-cast aluminium
- suitable for lighting of vertical surfaces
- luminaire rotates through 355° and light-head pivots out through 35°
- outstanding ease of maintenance
- no UV and thermal emissions
- innovative thermal management with passive cooling (heat sink made from die-cast aluminium)
- specular aluminium reflector with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- front ring made from die-cast aluminium
- light-head with filigree black polycarbonate inner ring for additional glare control
- tool-free ceiling mounting via quick-action clamping springs (automatic adjustment of the ceiling thickness)
- luminaire and ballast permanently connected via cable (length: 500 mm), ballast ready for mains connection
- ballast (LED converter DALI, dimmable) included (external placement)

Standard options



Special options



Lighting data / Norms

| | |
|-------------------------|---|
| Lamps | LED Spot / CRI 90 / 4000 K |
| Lifetime | L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h |
| System power | 19.7 W |
| Luminaire luminous flux | 2640 lm |
| System efficiency | 134.01 lm/W |
| Module efficiency | 140.00 lm/W |
| UGR class | ≤22 |
| Beam range | Oval |
| Beam angle | Oval 40/60 |
| Supply voltage | 220 - 240 V / 50 - 60 Hz |
| Protection class | II |
| Type of protection | IP20 |

Dimensions / Weights

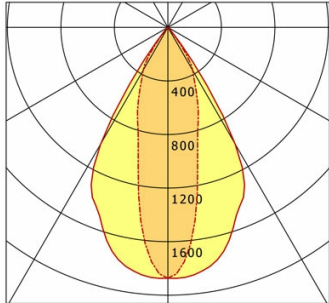
| | |
|-------------------|---------------|
| Outer diameter | 135 mm |
| Height | 109 mm |
| Cut-out (Ø) | 125 mm |
| Ceiling thickness | 3.0 - 26.0 mm |
| Recessed depth | 110 mm |
| Net weight | 0.72 kg |
| Gross weight | 0.78 kg |

CSA-R 502.940.OV46/DALI

CSA-R 502.940.OV46/DALI

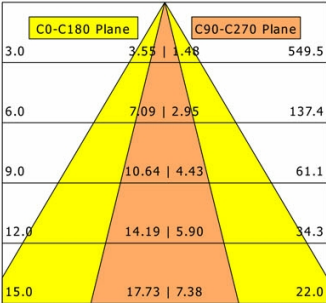
CSA 50 Generation 2 (1xLED 20W 940/4000K 2640lm)

— C0/C180 cd / 1000 lm - - - C90/C270



| | C0 | C90 | C180 | C270 |
|--------------|------|------|------|------|
| 0° | 1873 | 1873 | 1873 | 1873 |
| 15° | 1693 | 858 | 1693 | 858 |
| 30° | 1006 | 372 | 1006 | 372 |
| 45° | 20 | 10 | 20 | 10 |
| 60° | 2 | 1 | 2 | 1 |
| 75° | 0 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 |
| cd / 1000 lm | | | | |

Offset [m] Cone width [m] Illuminance [lx]



| | |
|--------------------|--------------------|
| η | LED |
| Efficiency | 132 lm/W |
| Direct/Indirect | ↓ 100% / ↑ 0% |
| System Power | 20 W |
| UGR | X=4H, Y=8H |
| Reflection factors | 70/50/20 |
| UGR C0/C180 | 21.9 |
| UGR C90/C270 | 18.4 |
| CIE Flux Codes | 99 100 100 100 100 |
| Ra/CRI | >90 |

LTS

Accessories



ZB-OR DONGLE
Organic Response IR dongle kit



ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series



ZB-OR-R SENSOR
Organic Response sensor for recessed mounting



ZDAR 125.145-205
compensation ring for ceiling cut-outs from 145 to 205 mm