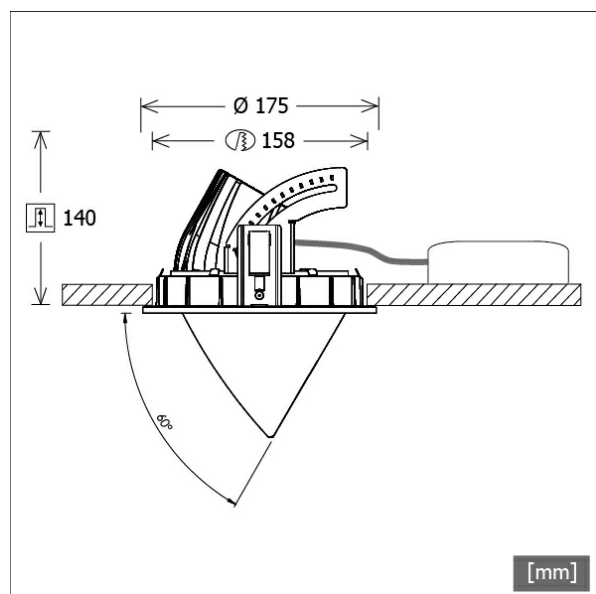


# CSARL 71.2027.50/DALI



| Colours | Article no. | EAN           |
|---------|-------------|---------------|
| black   | 649640      | 4043544575470 |
| silver  | 649641      | 4043544575487 |
| white   | 649642      | 4043544575494 |



## Description

- recessed spotlight with conical light-head
- suitable for lighting of vertical surfaces (shadowless wall lighting up to the ceiling edge)
- light-head rotates through 355° and pivots out through 60°
- outstanding ease of maintenance
- no UV and thermal emissions
- thermal management with passive cooling (heat sink made from die-cast aluminium)
- high performance specular aluminium reflector with precise symmetrical beam characteristic for highest luminous efficiency and best glare-free lighting
- front/recessed ring and light-head made from die-cast zinc
- clear and reflection-free EnergyVision safety glass
- tool-free ceiling mounting via quick-action clamping springs (safety rope, 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 80 / 2700 K                                |
| EPREL light sources     | 847889                                                    |
| Lifetime                | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| System power            | 21.0 W                                                    |
| Luminaire luminous flux | 2230 lm                                                   |
| System efficiency       | 106.19 lm/W                                               |
| Module efficiency       | 133.10 lm/W                                               |
| UGR class               | ≤19                                                       |
| Beam range              | Wide Flood                                                |
| Beam angle              | 54°                                                       |
| Supply voltage          | 220 - 240 V / 50 - 60 Hz                                  |
| Protection class        | II                                                        |
| Type of protection      | IP20                                                      |

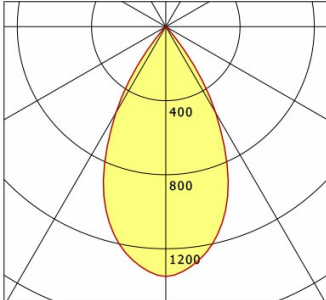
## Dimensions / Weights

|                        |               |
|------------------------|---------------|
| Outer diameter         | 175 mm        |
| Height                 | 145 mm        |
| Cut-out (Ø)            | 158 mm        |
| Ceiling thickness      | 1.0 - 25.0 mm |
| Recessed depth         | 140 mm        |
| Diameter of light head | 114 mm        |
| Net weight             | 2.64 kg       |
| Gross weight           | 2.82 kg       |

# CSARL 71.2027.50/DALI

CSA 71 Round (1xLED 21W 827/2700K 2230lm 50 °)

C0/C180 cd / 1000 lm



|              | C0   | C90  | C180 | C270 |
|--------------|------|------|------|------|
| 0°           | 1350 | 1350 | 1350 | 1350 |
| 15°          | 1130 | 1130 | 1130 | 1130 |
| 30°          | 537  | 537  | 537  | 537  |
| 45°          | 14   | 14   | 14   | 14   |
| 60°          | 4    | 4    | 4    | 4    |
| 75°          | 3    | 3    | 3    | 3    |
| 90°          | 0    | 0    | 0    | 0    |
| cd / 1000 lm |      |      |      |      |

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

| C0-C180 Plane |       |       |
|---------------|-------|-------|
| 3.0           | 3.05  | 334.5 |
| 6.0           | 6.10  | 83.6  |
| 9.0           | 9.14  | 37.2  |
| 12.0          | 12.19 | 20.9  |
| 15.0          | 15.24 | 13.4  |

|                    |                   |
|--------------------|-------------------|
| <b>η</b>           | LED               |
| Efficiency         | 106 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%     |
| System Power       | 21 W              |
| <b>UGR</b>         | X=4H, Y=8H        |
| Reflection factors | 70/50/20          |
| UGR C0/C180        | 19.4              |
| UGR C90/C270       | 19.4              |
| CIE Flux Codes     | 98 99 100 100 100 |
| Ra/CRI             | >80               |

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