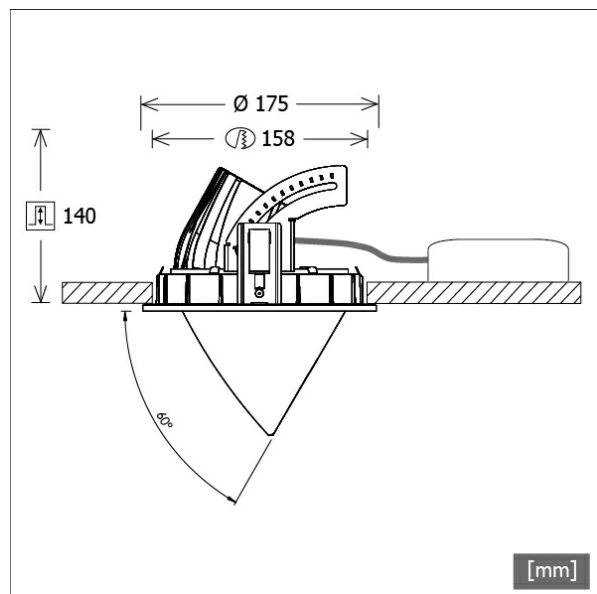


# CSARL 71.5040.50/DALI



| Colours | Article no. | EAN           |
|---------|-------------|---------------|
| black   | 649914      | 4043544578174 |
| silver  | 649915      | 4043544578181 |
| white   | 649916      | 4043544578198 |



## 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 / 4000 K                                |
| EPREL light sources     | 848105                                                    |
| Lifetime                | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| System power            | 52.0 W                                                    |
| Luminaire luminous flux | 5570 lm                                                   |
| System efficiency       | 107.11 lm/W                                               |
| Module efficiency       | 167.61 lm/W                                               |
| UGR class               | ≤25                                                       |
| 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 Spotlights · CSA 71 Round

CSARL 71.5040.50/DALI

Recessed depth  
Diameter of light head  
Net weight  
Gross weight



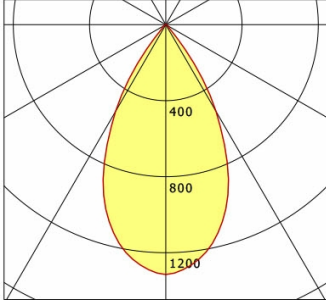
LTS  
LOVE TO SHINE

140 mm  
114 mm  
2.75 kg  
2.89 kg

# CSARL 71.5040.50/DALI

CSA 71 Round (1xLED 52W 840/4000K 5570lm 50 °)

C0/C180 cd / 1000 lm



|              | C0   | C90  | C180 | C270 |
|--------------|------|------|------|------|
| 0°           | 1315 | 1315 | 1315 | 1315 |
| 15°          | 1105 | 1105 | 1105 | 1105 |
| 30°          | 527  | 527  | 527  | 527  |
| 45°          | 26   | 26   | 26   | 26   |
| 60°          | 10   | 10   | 10   | 10   |
| 75°          | 4    | 4    | 4    | 4    |
| 90°          | 0    | 0    | 0    | 0    |
| cd / 1000 lm |      |      |      |      |

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

| C0-C180 Plane |       |       |
|---------------|-------|-------|
| 3.0           | 3.05  | 813.7 |
| 6.0           | 6.10  | 203.4 |
| 9.0           | 9.15  | 90.4  |
| 12.0          | 12.21 | 50.9  |
| 15.0          | 15.26 | 32.5  |

|                    |                   |
|--------------------|-------------------|
| <b>η</b>           | LED               |
| Efficiency         | 107 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%     |
| System Power       | 52 W              |
| <b>UGR</b>         | X=4H, Y=8H        |
| Reflection factors | 70/50/20          |
| UGR C0/C180        | 23.0              |
| UGR C90/C270       | 23.0              |
| CIE Flux Codes     | 96 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