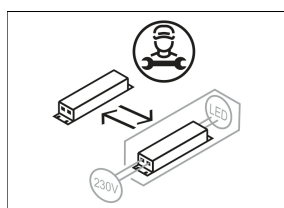
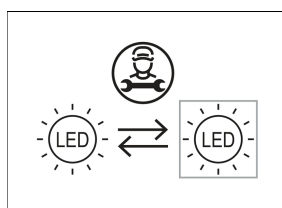
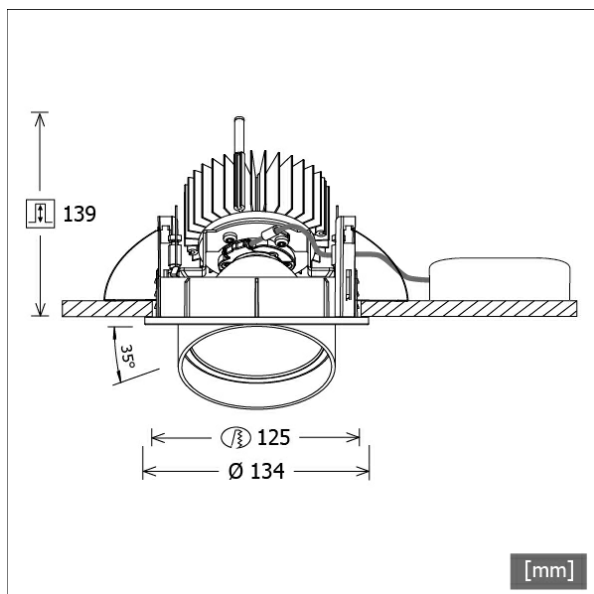


# CSALP 50.2027.50/DALI



| Colours | Article no. | EAN           |
|---------|-------------|---------------|
| black   | 643474      | 4043544496805 |
| silver  | 643475      | 4043544496812 |
| white   | 643476      | 4043544496829 |



## Description

- recessed spotlight with conical light-head
- suitable for lighting of vertical surfaces
- luminaire rotates through 350° and light-head pivots out through 35°
- outstanding ease of maintenance
- no UV and thermal emissions
- thermal management with passive cooling (heat sink made from aluminium)
- specular aluminium reflector with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- front/recessed ring and light-head made from die-cast zinc
- clear safety glass
- 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

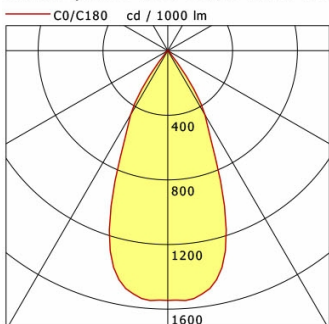
|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| <b>Lamps</b>                   | LED Spot / CRI 80 / 2700 K                                |
| <b>EPREL light sources</b>     | 848120                                                    |
| <b>Lifetime</b>                | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| <b>System power</b>            | 27.0 W                                                    |
| <b>Luminaire luminous flux</b> | 2490 lm                                                   |
| <b>System efficiency</b>       | 92.22 lm/W                                                |
| <b>Module efficiency</b>       | 127.18 lm/W                                               |
| <b>UGR class</b>               | ≤22                                                       |
| <b>Beam angle</b>              | 50°                                                       |
| <b>Supply voltage</b>          | 220 - 240 V / 50 - 60 Hz                                  |
| <b>Protection class</b>        | II                                                        |
| <b>Type of protection</b>      | IP20                                                      |

## Dimensions / Weights

|                          |               |
|--------------------------|---------------|
| <b>Outer diameter</b>    | 134 mm        |
| <b>Height</b>            | 144 mm        |
| <b>Cut-out (Ø)</b>       | 125 mm        |
| <b>Ceiling thickness</b> | 1.0 - 25.0 mm |
| <b>Recessed depth</b>    | 139 mm        |
| <b>Net weight</b>        | 1.25 kg       |
| <b>Gross weight</b>      | 1.33 kg       |

# CSALP 50.2027.50/DALI

CSA 50 (1xLED 27W 827/2700K 2490lm 50 °)



|              | C0   | C90  | C180 | C270 |
|--------------|------|------|------|------|
| 0°           | 1546 | 1546 | 1546 | 1546 |
| 15°          | 1340 | 1340 | 1340 | 1340 |
| 30°          | 459  | 459  | 459  | 459  |
| 45°          | 18   | 18   | 18   | 18   |
| 60°          | 6    | 6    | 6    | 6    |
| 75°          | 5    | 5    | 5    | 5    |
| 90°          | 0    | 0    | 0    | 0    |
| cd / 1000 lm |      |      |      |      |

| Offset [m]    | Cone width [m] | Illuminance [lx] |
|---------------|----------------|------------------|
| C0-C180 Plane |                |                  |
| 3.0           | 2.59           | 427.7            |
| 6.0           | 5.17           | 106.9            |
| 9.0           | 7.76           | 47.5             |
| 12.0          | 10.34          | 26.7             |
| 15.0          | 12.93          | 17.1             |

|                       |                          |
|-----------------------|--------------------------|
| <b>η</b>              | LED                      |
| Efficiency            | 92 lm/W                  |
| Direct/Indirect       | ↓ 100% / ↑ 0%            |
| System Power          | 27 W                     |
| <b>UGR</b>            |                          |
| X=4H, Y=8H            |                          |
| Reflection factors    | 70/50/20                 |
| UGR C0/C180           | 20.4                     |
| UGR C90/C270          | 20.4                     |
| <b>CIE Flux Codes</b> |                          |
| Ra/CRI                | 97 99 100 100 100<br>>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



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