

# CSALP 60.3030.15



| Colours | Article no. | EAN           |
|---------|-------------|---------------|
| black   | 637284      | 4043544399908 |
| silver  | 637285      | 4043544399915 |
| white   | 637286      | 4043544399922 |



## Description

- recessed spotlight with wide range of applications
- luminaire rotates through 350° and pivots through 40°
- 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 rings and recessed ring made from die-cast zinc
- 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) included (external placement)

## Standard options



## Special options



## Lighting data / Norms

|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| <b>Lamps</b>                   | LED Spot / CRI 80 / 3000 K                                |
| <b>EPREL light sources</b>     | 851239                                                    |
| <b>Lifetime</b>                | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| <b>System power</b>            | 36.0 W                                                    |
| <b>Luminaire luminous flux</b> | 3640 lm                                                   |
| <b>System efficiency</b>       | 101.11 lm/W                                               |
| <b>Module efficiency</b>       | 158.91 lm/W                                               |
| <b>UGR class</b>               | ≤22                                                       |
| <b>Beam angle</b>              | 15°                                                       |
| <b>Supply voltage</b>          | 220 - 240 V / 50 - 60 Hz                                  |
| <b>Protection class</b>        | II                                                        |
| <b>Type of protection</b>      | IP20                                                      |

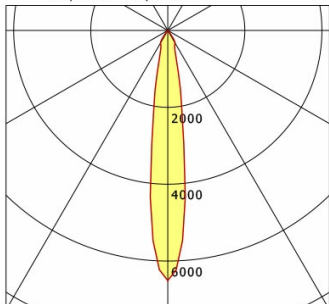
## Dimensions / Weights

|                          |               |
|--------------------------|---------------|
| <b>Outer diameter</b>    | 134 mm        |
| <b>Height</b>            | 118 mm        |
| <b>Cut-out (Ø)</b>       | 125 mm        |
| <b>Ceiling thickness</b> | 1.0 - 25.0 mm |
| <b>Recessed depth</b>    | 130 mm        |
| <b>Net weight</b>        | 1.12 kg       |
| <b>Gross weight</b>      | 1.22 kg       |

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CSA 60 (1xLED 36W 830/3000K 3640lm 15 °)

C0/C180 cd / 1000 lm



|              | C0   | C90  | C180 | C270 |
|--------------|------|------|------|------|
| 0°           | 6506 | 6506 | 6506 | 6506 |
| 15°          | 966  | 966  | 966  | 966  |
| 30°          | 380  | 380  | 380  | 380  |
| 45°          | 4    | 4    | 4    | 4    |
| 60°          | 4    | 4    | 4    | 4    |
| 75°          | 2    | 2    | 2    | 2    |
| 90°          | 0    | 0    | 0    | 0    |
| cd / 1000 lm |      |      |      |      |

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

| C0-C180 Plane |      |        |
|---------------|------|--------|
| 3.0           | 0.79 | 2631.2 |
| 6.0           | 1.59 | 657.8  |
| 9.0           | 2.38 | 292.4  |
| 12.0          | 3.17 | 164.5  |
| 15.0          | 3.96 | 105.2  |

|                    |                   |
|--------------------|-------------------|
| <b>η</b>           | LED               |
| Efficiency         | 101 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%     |
| System Power       | 36 W              |
| <b>UGR</b>         | X=4H, Y=8H        |
| Reflection factors | 70/50/20          |
| UGR C0/C180        | 19.9              |
| UGR C90/C270       | 19.9              |
| CIE Flux Codes     | 99 99 100 100 100 |
| Ra/CRI             | > 80              |

LTS

## Accessories



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