

## PLL 27.0500.830.1/DALI



## Description

- recessed light field with round design and discreet trim for flush ceiling look and homogeneous lighting for seamless integration in architecture projects
- no UV and thermal emissions
- sheet steel housing with removable LED unit
- opal insert pane made from acrylic glass
- tool-free ceiling mounting via automatic quick clamping (automatic adjustment of the ceiling thickness)
- 5-pole terminal block
- ballast (LED converter) integrated (with DALI dimming)

## Notes

Required installation space: D = 659 mm.

## Standard options



## Special options

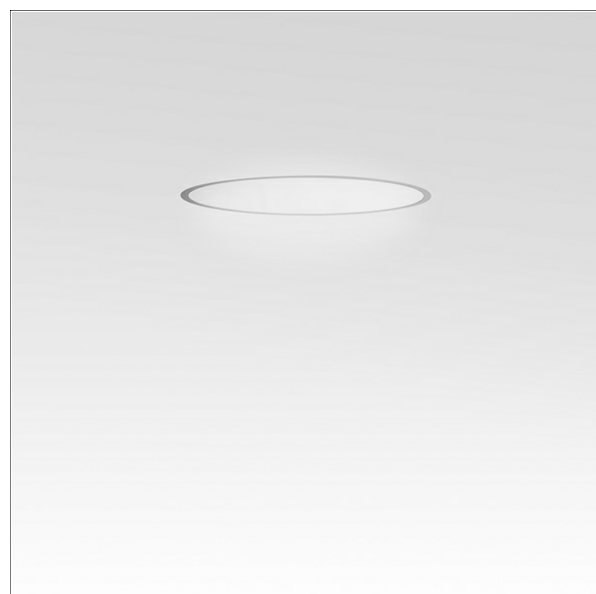


## Lighting data / Norms

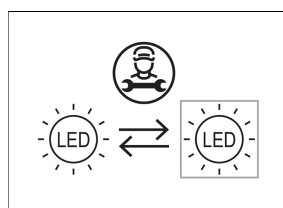
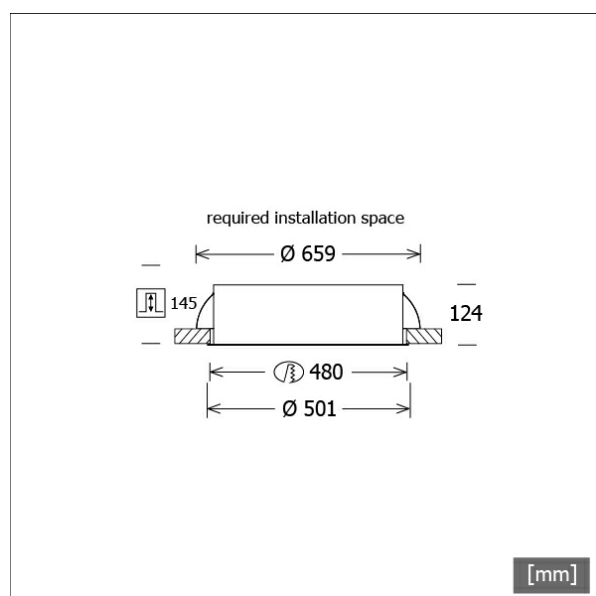
|                         |                                                           |
|-------------------------|-----------------------------------------------------------|
| Lamps                   | LED linear / CRI 80 / 3000 K                              |
| EPREL light sources     | 833872                                                    |
| Lifetime                | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| System power            | 31.4 W                                                    |
| Luminaire luminous flux | 3380 lm                                                   |
| System efficiency       | 107.64 lm/W                                               |
| Module efficiency       | 181.52 lm/W                                               |
| UGR class               | ≤25                                                       |
| Supply voltage          | 220 - 240 V / 50 - 60 Hz                                  |
| Protection class        | I                                                         |
| Type of protection      | IP20                                                      |

## Dimensions / Weights

|                   |                |
|-------------------|----------------|
| Outer diameter    | 501 mm         |
| Height            | 124 mm         |
| Cut-out (Ø)       | 480 mm         |
| Ceiling thickness | 10.0 - 30.0 mm |
| Recessed depth    | 145 mm         |
| Net weight        | 5.19 kg        |
| Gross weight      | 6.22 kg        |



| Colours | Article no. | EAN           |
|---------|-------------|---------------|
| silver  | 634042      | 4043544360441 |
| white   | 634043      | 4043544360458 |
| black   | 642347      | 4043544481313 |

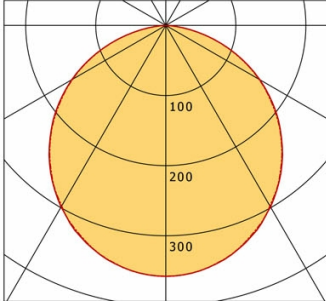


# PLL 27.0500.830.1/DALI

## PLL 27.0500.830.1/DALI

PL 27 (1xLED 31W 830/3000K 3380lm)

— C0/C180    cd / 1000 lm    - - - C90/C270



|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 358 | 358 | 358  | 358  |
| 15°          | 342 | 342 | 342  | 342  |
| 30°          | 299 | 297 | 299  | 297  |
| 45°          | 234 | 233 | 234  | 233  |
| 60°          | 155 | 154 | 155  | 154  |
| 75°          | 65  | 64  | 65   | 64   |
| 90°          | 0   | 0   | 0    | 0    |
| cd / 1000 lm |     |     |      |      |

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

| C0-C180 Plane |               | C90-C270 Plane |  |
|---------------|---------------|----------------|--|
| 3.0           | 8.81   8.71   | 134.4          |  |
| 6.0           | 17.62   17.42 | 33.6           |  |
| 9.0           | 26.44   26.13 | 14.9           |  |
| 12.0          | 35.25   34.84 | 8.4            |  |
| 15.0          | 44.06   43.55 | 5.4            |  |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 109 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 31 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 22.8             |
| UGR C90/C270       | 22.7             |
| CIE Flux Codes     | 48 79 96 100 100 |
| 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