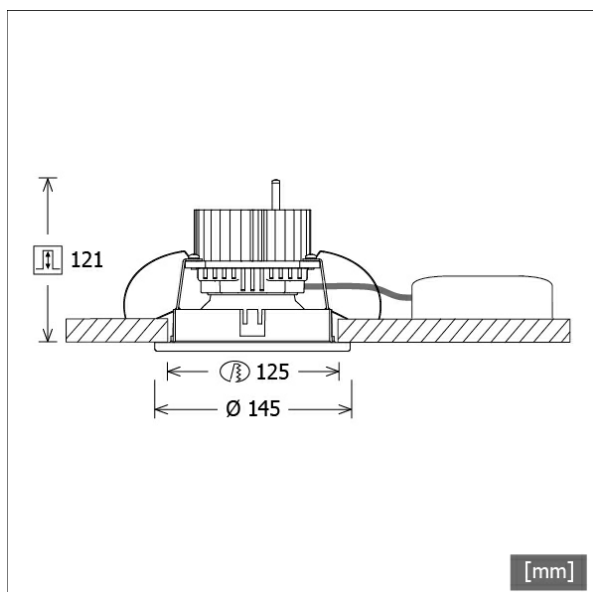


# ECL 10.2030.01



| Colours | Article no. | EAN           |
|---------|-------------|---------------|
|         | 635805      | 4043544382856 |



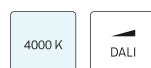
## Description

- recessed downlight for general lighting
- basic luminaire without flange (flange with bayonet catch to be ordered separately)
- luminaire can be expanded with different optic decor rings and glasses
- 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
- recessed ring made from black polycarbonate
- tool-free ceiling mounting via quick-action clamping springs (automatic adjustment of the ceiling thickness)
- connection to ballast via pre-fitted luminaire cable
- ballast (LED converter) included (external placement)

## Notes

concrete casting surround available on demand.

## Standard options



## Special options



## Lighting data / Norms

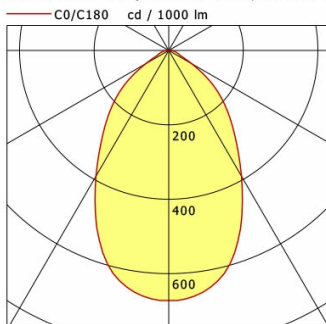
|                         |                             |
|-------------------------|-----------------------------|
| Lamps                   | LED Modul / CRI 80 / 3000 K |
| EPREL light sources     | 891015                      |
|                         | L90 B50 50.000 h            |
|                         | L80 B50 100.000 h           |
|                         | L80 B20 50.000 h            |
| Lifetime                |                             |
| System power            | 22.0 W                      |
| Luminaire luminous flux | max. 2020 lm                |
| System efficiency       | 80.00 lm/W                  |
| Module efficiency       | 116.61 lm/W                 |
| UGR class               | ≤28                         |
| Beam angle              | 65°                         |
| Supply voltage          | 220 - 240 V / 50 - 60 Hz    |
| Protection class        | III                         |
| Type of protection      | IP20                        |

## Dimensions / Weights

|                   |                |
|-------------------|----------------|
| Outer diameter    | 145 mm         |
| Height            | 128 mm         |
| Cut-out (Ø)       | 125 mm         |
| Ceiling thickness | 10.0 - 25.0 mm |
| Recessed depth    | 121 mm         |
| Net weight        | 0.80 kg        |
| Gross weight      | 0.87 kg        |

# ECL 10.2030.01

Edel+Stahl 10 (ECZLED 1.11, 1xLED 22W 830/3000K 1760lm 65 °)



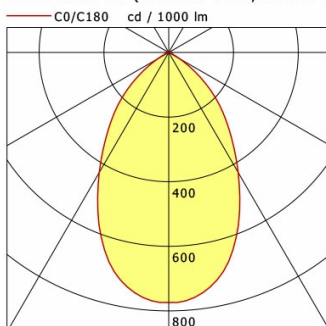
|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 672 | 672 | 672  | 672  |
| 15° | 608 | 608 | 608  | 608  |
| 30° | 390 | 390 | 390  | 390  |
| 45° | 217 | 217 | 217  | 217  |
| 60° | 72  | 72  | 72   | 72   |
| 75° | 22  | 22  | 22   | 22   |
| 90° | 0   | 0   | 0    | 0    |

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 4.03           | 131.5            |
| 6.0        | 8.07           | 32.9             |
| 9.0        | 12.10          | 14.6             |
| 12.0       | 16.14          | 8.2              |
| 15.0       | 20.17          | 5.3              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 80 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 22 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 26.1             |
| UGR C90/C270       | 26.1             |
| CIE Flux Codes     | 67 92 98 100 100 |
| Ra/CRI             | >80              |

LTS

Edel+Stahl 10 (ECZLED 1.01, 1xLED 22W 830/3000K 2020lm 65 °)



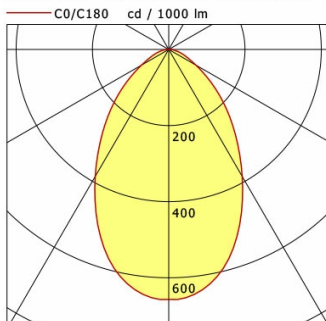
|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 774 | 774 | 774  | 774  |
| 15° | 686 | 686 | 686  | 686  |
| 30° | 429 | 429 | 429  | 429  |
| 45° | 212 | 212 | 212  | 212  |
| 60° | 40  | 40  | 40   | 40   |
| 75° | 12  | 12  | 12   | 12   |
| 90° | 0   | 0   | 0    | 0    |

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 3.82           | 173.7            |
| 6.0        | 7.64           | 43.4             |
| 9.0        | 11.46          | 19.3             |
| 12.0       | 15.28          | 10.9             |
| 15.0       | 19.10          | 6.9              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 92 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 22 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 24.6             |
| UGR C90/C270       | 24.6             |
| CIE Flux Codes     | 75 96 99 100 100 |
| Ra/CRI             | >80              |

LTS

Edel+Stahl 10 (ECZLED 1.12, 1xLED 22W 830/3000K 1600lm 65 °)



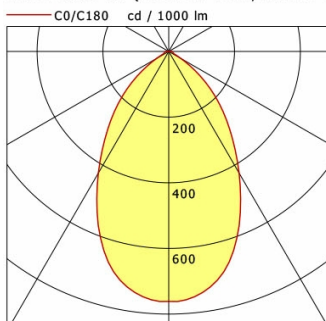
|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 657 | 657 | 657  | 657  |
| 15° | 583 | 583 | 583  | 583  |
| 30° | 385 | 385 | 385  | 385  |
| 45° | 208 | 208 | 208  | 208  |
| 60° | 82  | 82  | 82   | 82   |
| 75° | 30  | 30  | 30   | 30   |
| 90° | 0   | 0   | 0    | 0    |

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 4.10           | 116.8            |
| 6.0        | 8.20           | 29.2             |
| 9.0        | 12.30          | 13.0             |
| 12.0       | 16.39          | 7.3              |
| 15.0       | 20.49          | 4.7              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 73 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 22 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 26.6             |
| UGR C90/C270       | 26.6             |
| CIE Flux Codes     | 66 90 98 100 100 |
| Ra/CRI             | >80              |

LTS

Edel+Stahl 10 (ECZLED 1.10, 1xLED 22W 830/3000K 1870lm 65 °)



|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 761 | 761 | 761  | 761  |
| 15° | 680 | 680 | 680  | 680  |
| 30° | 428 | 428 | 428  | 428  |
| 45° | 208 | 208 | 208  | 208  |
| 60° | 43  | 43  | 43   | 43   |
| 75° | 14  | 14  | 14   | 14   |
| 90° | 0   | 0   | 0    | 0    |

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 3.86           | 158.2            |
| 6.0        | 7.73           | 39.6             |
| 9.0        | 11.59          | 17.6             |
| 12.0       | 15.46          | 9.9              |
| 15.0       | 19.32          | 6.3              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 85 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 22 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 24.5             |
| UGR C90/C270       | 24.5             |
| CIE Flux Codes     | 74 95 99 100 100 |
| Ra/CRI             | >80              |

LTS

# ECL 10.2030.01

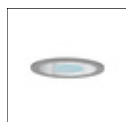
## Accessories



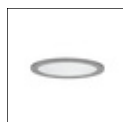
**ECZLED 1.01**  
flange without glass



**ECZLED 1.10**  
flange with clear glass pane  
(inside)



**ECZLED 1.11**  
flange with partially frosted glass pane  
(inside)



**ECZLED 1.12**  
flange with frosted glass pane  
(inside)



**ECZLED 1.21**  
flange with satinated glass ring  
(protruding)



**ECZLED 1.40**  
light effect ring without glass



**ECZLED 1.41**  
light effect ring with clear glass pane  
(inside)



**ECZLED 1.42**  
light effect ring with frosted glass pane  
(inside)



**NOL 50B/3H/DALI**  
LED emergency light-unit



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



**ZVP 100**  
universal reinforcement frame  
(module 625 x 625)