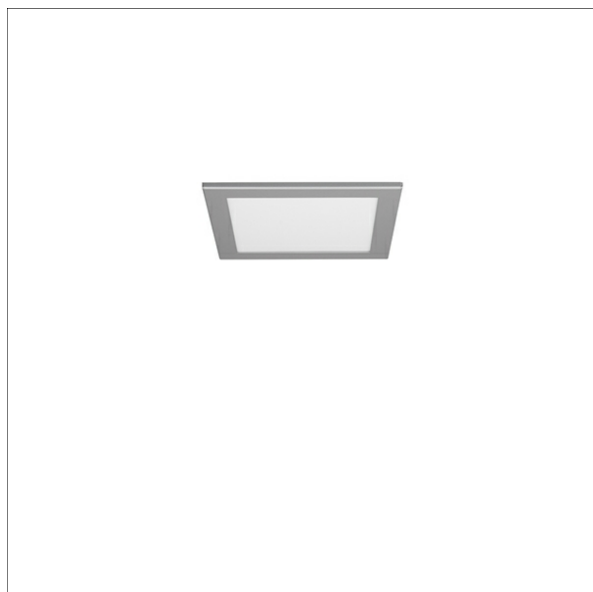
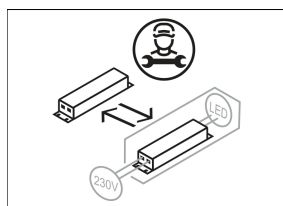
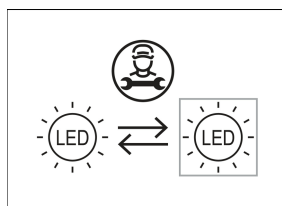
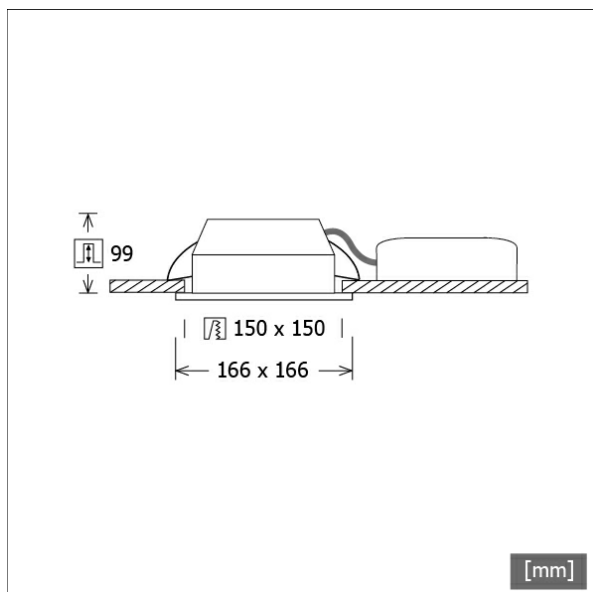


# PIAL 200.2040.1



| Colours         | Article no. | EAN           |
|-----------------|-------------|---------------|
| stainless steel | 657786      | 4043544666918 |
| black           | 657787      | 4043544666925 |
| silver          | 657788      | 4043544666932 |
| white           | 657789      | 4043544666949 |



## Description

- recessed luminaire for general lighting
- outstanding ease of maintenance
- optimal passive thermal management
- no UV and thermal emissions
- variable ceiling thickness
- housing and front frame made from sheet steel
- white acrylic glass diffuser
- tool-free ceiling mounting via quick-action clamping springs
- connection to ballast via luminaire cable with integrated plug
- ballast (LED converter) included (external placement)

## Standard options



## Special options



## Lighting data / Norms

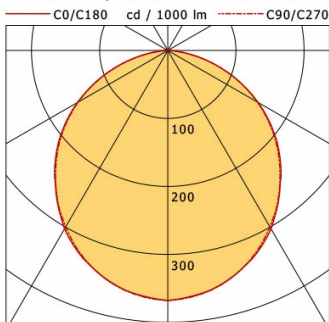
|                                |                                 |
|--------------------------------|---------------------------------|
| <b>Lamps</b>                   | LED Modul / CRI 80 / 4000 K     |
| <b>EPREL light sources</b>     | 891010                          |
|                                | L90 B50 50.000 h                |
|                                | L80 B50 100.000 h               |
|                                | L80 B20 50.000 h                |
| <b>Lifetime</b>                |                                 |
| <b>System power</b>            | 21.0 W                          |
| <b>Luminaire luminous flux</b> | 1390 lm                         |
| <b>System efficiency</b>       | 66.19 lm/W                      |
| <b>Module efficiency</b>       | 173.48 lm/W                     |
| <b>UGR class</b>               | ≤28                             |
| <b>Supply voltage</b>          | 220 - 240 V / 50 - 60 Hz        |
| <b>Protection class</b>        | III                             |
| <b>Type of protection</b>      | IP43 for closed ceiling systems |

## Dimensions / Weights

|                          |               |
|--------------------------|---------------|
| <b>Length</b>            | 166 mm        |
| <b>Width</b>             | 166 mm        |
| <b>Height</b>            | 105 mm        |
| <b>Cut-out (LxW)</b>     | 150 x 150 mm  |
| <b>Ceiling thickness</b> | 1.0 - 25.0 mm |
| <b>Recessed depth</b>    | 99 mm         |
| <b>Net weight</b>        | 0.84 kg       |
| <b>Gross weight</b>      | 1.14 kg       |

# PIAL 200.2040.1

Piazza 200 (1xLED 21W 840/4000K 1390lm)



|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 368 | 368 | 368  | 368  |
| 15°          | 348 | 349 | 348  | 349  |
| 30°          | 303 | 300 | 303  | 300  |
| 45°          | 234 | 232 | 234  | 232  |
| 60°          | 153 | 152 | 153  | 152  |
| 75°          | 63  | 63  | 63   | 63   |
| 90°          | 1   | 1   | 1    | 1    |
| cd / 1000 lm |     |     |      |      |

| Offset [m] | Cone width [m] |                | Illuminance [lx] |
|------------|----------------|----------------|------------------|
|            | C0-C180 Plane  | C90-C270 Plane |                  |
| 3.0        | 8.45           | 8.34           | 56.8             |
| 6.0        | 16.91          | 16.68          | 14.2             |
| 9.0        | 25.36          | 25.02          | 6.3              |
| 12.0       | 33.81          | 33.37          | 3.6              |
| 15.0       | 42.27          | 41.71          | 2.3              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 66 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 21 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 27.6             |
| UGR C90/C270       | 27.6             |
| CIE Flux Codes     | 48 80 96 100 100 |
| Ra/CRI             | >80              |

LTS