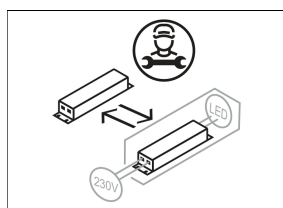
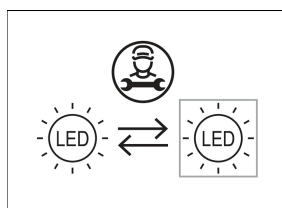
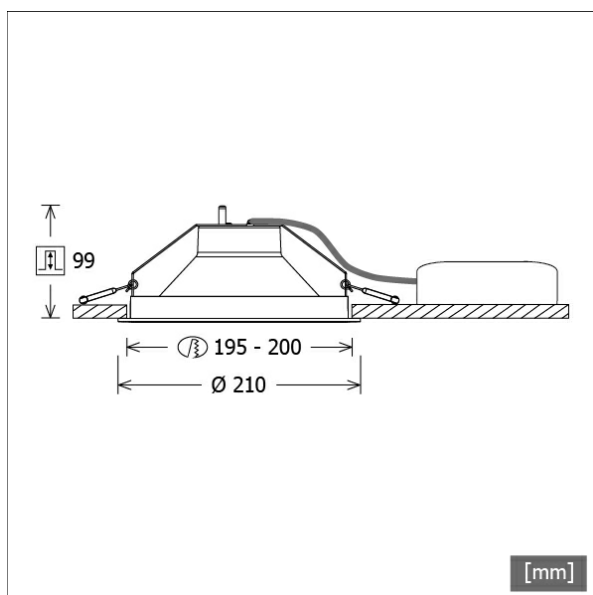


# LEWYM 102.840/DALI



| Colours | Article no. | EAN           |
|---------|-------------|---------------|
| white   | 667823      | 4043544771643 |
| black   | 659296      | 4043544784957 |



## Description

- round recessed downlight for diverse lighting tasks
- luminaire with halogen-free wiring
- outstanding ease of maintenance
- no UV and thermal emissions
- innovative thermal management via reflector (no heat sink required)
- high-tech reflector lense made from PMMA for high luminous efficiency and glare-free lighting
- high performance anodised aluminium reflector with precise symmetrical beam characteristic
- recessed ring made from polycarbonate
- 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

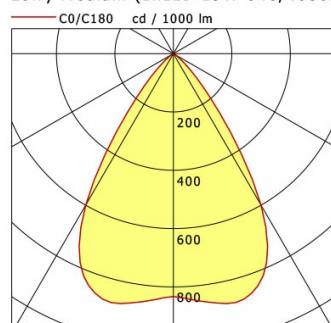
|                         |                            |
|-------------------------|----------------------------|
| Lamps                   | LED Spot / CRI 80 / 4000 K |
| EPREL light sources     | 848119                     |
| Lifetime                | L90 B50 50.000 h           |
|                         | L80 B50 100.000 h          |
|                         | L80 B20 50.000 h           |
| System power            | 19.3 W                     |
| Luminaire luminous flux | 2600 lm                    |
| System efficiency       | 134.71 lm/W                |
| Module efficiency       | 160.37 lm/W                |
| UGR class               | ≤19                        |
| Beam angle              | 67°                        |
| Supply voltage          | 220 - 240 V / 50 - 60 Hz   |
| Protection class        | II                         |
| Type of protection      | IP20                       |

## Dimensions / Weights

|                   |               |
|-------------------|---------------|
| Outer diameter    | 210 mm        |
| Height            | 99 mm         |
| Cut-out (Ø)       | 195 mm        |
| Ceiling thickness | 1.0 - 25.0 mm |
| Recessed depth    | 99 mm         |
| Net weight        | 0.52 kg       |
| Gross weight      | 0.63 kg       |

# LEWYM 102.840/DALI

Lewy Medium (1xLED 19W 840/4000K 2600lm 67°)



|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 833 | 833 | 833  | 833  |
| 15° | 879 | 879 | 879  | 879  |
| 30° | 600 | 600 | 600  | 600  |
| 45° | 96  | 96  | 96   | 96   |
| 60° | 5   | 5   | 5    | 5    |
| 75° | 0   | 0   | 0    | 0    |
| 90° | 0   | 0   | 0    | 0    |

cd / 1000 lm

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 3.98           | 240.7            |
| 6.0        | 7.97           | 60.2             |
| 9.0        | 11.95          | 26.7             |
| 12.0       | 15.93          | 15.0             |
| 15.0       | 19.91          | 9.6              |

C0-C180 Plane

|                    |                    |
|--------------------|--------------------|
| <b>η</b>           | LED                |
| Efficiency         | 137 lm/W           |
| Direct/Indirect    | ↓ 100% / ↑ 0%      |
| System Power       | 19 W               |
| <b>UGR</b>         | X=4H, Y=8H         |
| Reflection factors | 70/50/20           |
| UGR C0/C180        | 17.5               |
| UGR C90/C270       | 17.5               |
| CIE Flux Codes     | 92 100 100 100 100 |
| Ra/CRI             | >80                |

LTS

## Accessories



**BTS 413.196.142**  
concrete casting pot



**ZB-OR DONGLE**  
Organic Response IR dongle kit



**ZB-OR GATEWAY**  
Organic Response IoT Gateway Cascade Series



**ZB-OR-A SENSOR**  
Organic Response sensor for surface mounting



**ZB-OR-R SENSOR**  
Organic Response sensor for recessed mounting



**ZDAR 200.220-280**  
compensation ring for ceiling cut-outs from 220 to 280 mm



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