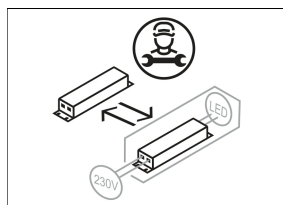
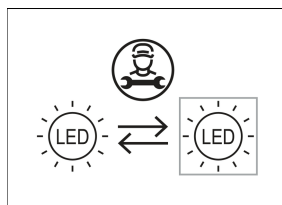
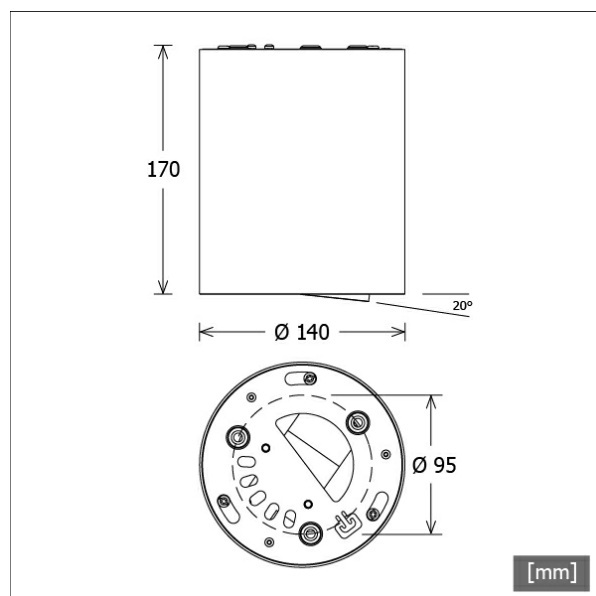


# BTN-A 301.40.50/DALI



| Colours | Article no. | EAN           |
|---------|-------------|---------------|
| black   | 651019      | 4043544600554 |
| silver  | 651020      | 4043544600561 |
| white   | 651021      | 4043544600578 |



## Description

- surface-mounted downlight for general and accent lighting
- light-insert rotates through 350° and pivots through 20°
- outstanding ease of maintenance
- no UV and thermal emissions
- thermal management with passive cooling (internal heat sink made from aluminium)
- specular aluminium reflector with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- cylindrical aluminium housing with light-insert made from die-cast zinc
- clear safety glass
- sheet steel mounting ring with bayonet catch and safety rope for screw mounting
- 5-pole terminal block
- ballast (LED converter DALI, dimmable) integrated

## Standard options



## Special options



## Lighting data / Norms

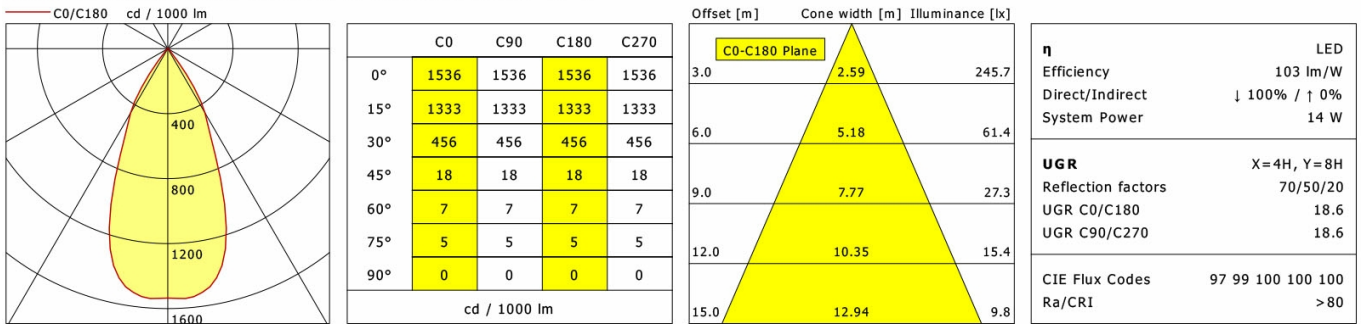
|                         |                                                           |
|-------------------------|-----------------------------------------------------------|
| Lamps                   | LED Spot / CRI 80 / 4000 K                                |
| EPREL light sources     | 848119                                                    |
| Lifetime                | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| System power            | 14.0 W                                                    |
| Luminaire luminous flux | 1440 lm                                                   |
| System efficiency       | 102.85 lm/W                                               |
| Module efficiency       | 160.37 lm/W                                               |
| UGR class               | ≤19                                                       |
| Beam range              | Wide Flood                                                |
| Beam angle              | 47°                                                       |
| Supply voltage          | 220 - 240 V / 50 - 60 Hz                                  |
| Protection class        | I                                                         |
| Type of protection      | IP20                                                      |

## Dimensions / Weights

|                |         |
|----------------|---------|
| Outer diameter | 140 mm  |
| Height         | 171 mm  |
| Net weight     | 2.16 kg |
| Gross weight   | 2.38 kg |

# BTN-A 301.40.50/DALI

Button 300 Surface-Mounted (1xLED 14W 840/4000K 1440lm 50 °)



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

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 2.59           | 245.7            |
| 6.0        | 5.18           | 61.4             |
| 9.0        | 7.77           | 27.3             |
| 12.0       | 10.35          | 15.4             |
| 15.0       | 12.94          | 9.8              |

C0-C180 Plane

**η**

Efficiency LED 103 lm/W

Direct/Indirect ↓ 100% / ↑ 0%

System Power 14 W

**UGR** X=4H, Y=8H

Reflection factors 70/50/20

UGR C0/C180 18.6

UGR C90/C270 18.6

CIE Flux Codes 97 99 100 100 100

Ra/CRI >80

LTS

## Accessories



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



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



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