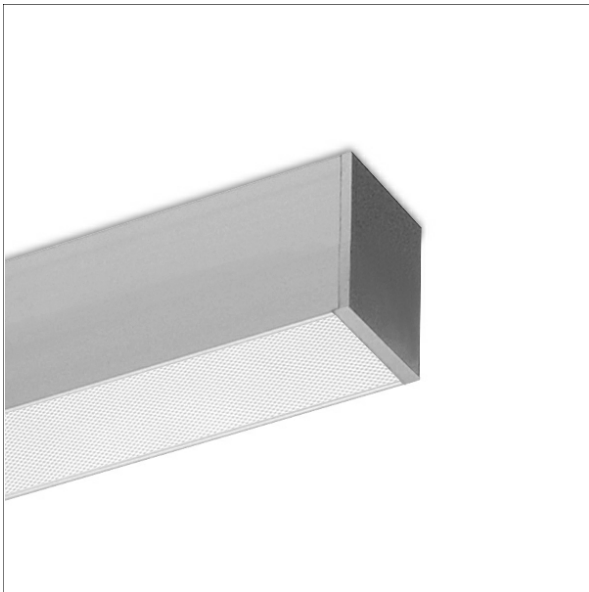


Mounted

# ML-A 045.1040.11 APB/DALI



## Description

- linear luminaire for direct ceiling or suspended mounting
- symmetrical light distribution and illumination
- outstanding ease of maintenance
- no UV and thermal emissions
- wire-rope suspensions (with feed-in) to be ordered separately
- housing made from aluminium
- end covers made from die-cast zinc
- prismatic flush acrylic glass diffuser with profile guide and tool-free snap-in technology
- direct ceiling mounting via screw fixing
- 5-pole terminal block
- ballast (LED converter DALI, dimmable) integrated

## Notes

The linear thermal expansion of the aluminium profile is about 0.3 mm per meter at  $dT = 10$  Kelvin. IP40 only applies in combination with mounted acrylic glass diffuser mounted acrylic glass profile.

| Colours         | Article no. | EAN           |
|-----------------|-------------|---------------|
| silver anodised | 663108      | 4043544721730 |
| black           | 663109      | 4043544721747 |
| white           | 663110      | 4043544721754 |

## Standard options



## Special options

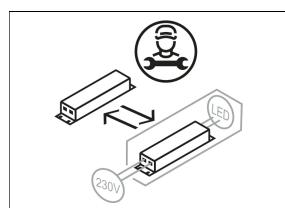
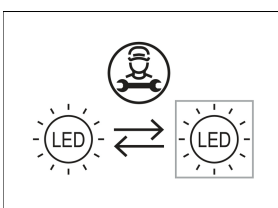
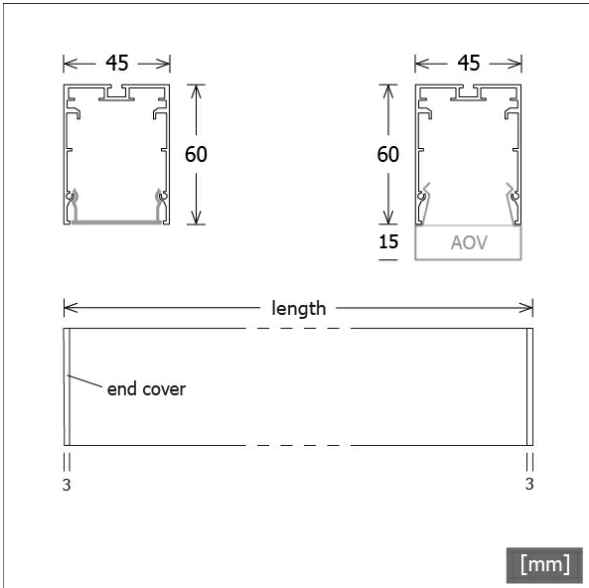


## Lighting data / Norms

|                         |   |
|-------------------------|---|
| Lamps                   | LED linear / CRI 80 / 4000 K                              |
| Lifetime                | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| System power            | 25.7 W  |
| Luminaire luminous flux | 2500 lm   |
| System efficiency       | 97.27 lm/W  |
| Module efficiency       | 164.17 lm/W   |
| UGR class               | ≤25   |
| Supply voltage          | 220 - 240 V / 50 - 60 Hz                                  |
| Protection class        | I   |
| Type of protection      | IP40  |

## Dimensions / Weights

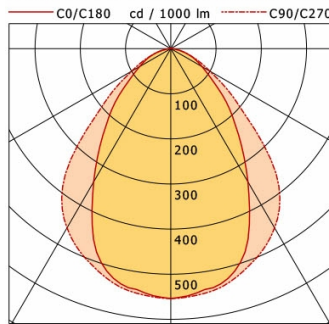
|              |         |
|--------------|---------|
| Length       | 1136 mm |
| Width        | 45 mm   |
| Height       | 60 mm   |
| Net weight   | 1.83 kg |
| Gross weight | 1.95 kg |



Mounted

# ML-A 045.1040.11 APB/DALI

Monoline 045 | Surface-Mounted & Pendant (1xLED 26W 840/4000K 2500lm)



|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 554 | 554 | 554  | 554  |
| 15° | 519 | 530 | 519  | 530  |
| 30° | 341 | 459 | 341  | 459  |
| 45° | 179 | 277 | 179  | 277  |
| 60° | 80  | 100 | 80   | 100  |
| 75° | 31  | 31  | 31   | 31   |
| 90° | 0   | 0   | 0    | 0    |

cd / 1000 lm

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 4.21   6.00    | 153.9            |
| 6.0        | 8.42   12.00   | 38.5             |
| 9.0        | 12.63   18.00  | 17.1             |
| 12.0       | 16.84   23.99  | 9.6              |
| 15.0       | 21.05   29.99  | 6.2              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 96 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 26 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 22.1             |
| UGR C90/C270       | 22.9             |
| CIE Flux Codes     | 65 90 98 100 100 |
| Ra/CRI             | >80              |

LTS

## Accessories



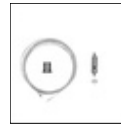
**LK-Z045.103.03/DIM**  
wire-rope kit with feed-in DALI  
(5-core, length: 3000 mm)



**LK-Z045.103.05/DIM**  
wire-rope kit with feed-in DALI  
(5-core, length: 5000 mm)



**LK-Z045.104.03**  
wire-rope kit without feed-in  
(length: 3000 mm)



**LK-Z045.104.05**  
wire-rope kit without feed-in  
(length: 5000 mm)



**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-P SENSOR/3000**  
Organic Response sensor for pendant mounting