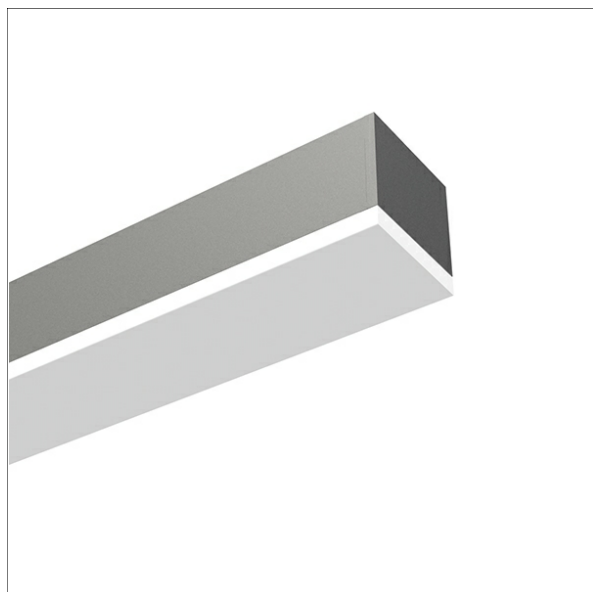
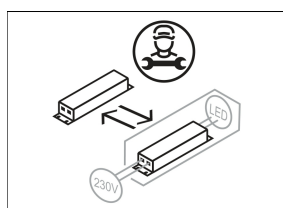
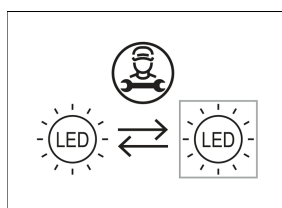
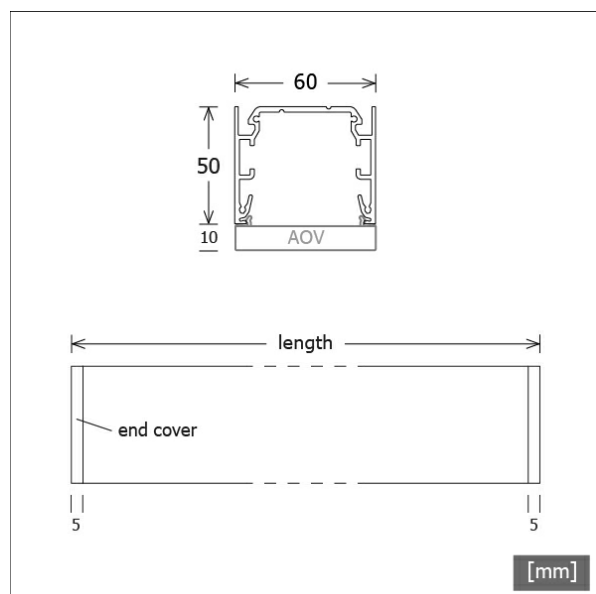


## ML-A 060.11830.3 AOV/DALI



| Colours         | Article no. | EAN           |
|-----------------|-------------|---------------|
| silver anodised | 670440      | 4043544821089 |
| black           | 670441      | 4043544821096 |
| white           | 670442      | 4043544821102 |



## Description

- filigree linear luminaire for surface mounting
- symmetrical light distribution and uniform area illumination
- outstanding ease of maintenance
- no UV and thermal emissions
- housing made from aluminium
- end covers made from polycarbonate
- opal acrylic glass diffuser protruding (10 mm) made from PMMA with tool-free snap-in technology
- easy mounting via supplied mounting brackets (2 pieces)
- 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  $\Delta T = 10$  Kelvin.

## Standard options



## Special options



## Lighting data / Norms

|                         |                                                           |
|-------------------------|-----------------------------------------------------------|
| Lamps                   | LED linear / CRI 80 / 3000 K                              |
| Lifetime                | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| System power            | 31.9 W                                                    |
| Luminaire luminous flux | 4730 lm                                                   |
| System efficiency       | 148.27 lm/W                                               |
| Module efficiency       | 193.00 lm/W                                               |
| UGR class               | ≤25                                                       |
| Supply voltage          | 220 - 240 V / 50 - 60 Hz                                  |
| Protection class        | I                                                         |
| Type of protection      | IP40                                                      |

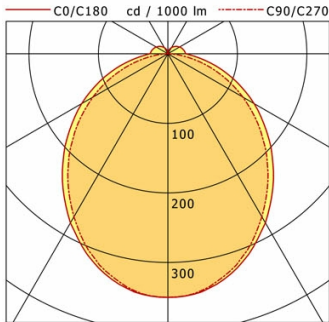
## Dimensions / Weights

|              |         |
|--------------|---------|
| Length       | 1420 mm |
| Width        | 60 mm   |
| Height       | 60 mm   |
| Net weight   | 3.65 kg |
| Gross weight | 4.15 kg |

# ML-A 060.11830.3 AOV/DALI

## ML-A 060.11830.3 AOV/DALI

Monoline 060 | Surface-Mounted (1xLED 32W 830/3000K 4730lm)



|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 350 | 350 | 350  | 350  |
| 15°          | 332 | 328 | 332  | 328  |
| 30°          | 281 | 271 | 281  | 271  |
| 45°          | 213 | 200 | 213  | 200  |
| 60°          | 143 | 125 | 143  | 125  |
| 75°          | 75  | 51  | 75   | 51   |
| 90°          | 26  | 1   | 26   | 1    |
| cd / 1000 lm |     |     |      |      |

| Offset [m] | Cone width [m] |                | Illuminance [lx] |
|------------|----------------|----------------|------------------|
|            | C0-C180 Plane  | C90-C270 Plane |                  |
| 3.0        | 7.98           | 7.14           | 184.0            |
| 6.0        | 15.95          | 14.28          | 46.0             |
| 9.0        | 23.93          | 21.42          | 20.4             |
| 12.0       | 31.91          | 28.56          | 11.5             |
| 15.0       | 39.88          | 35.70          | 7.4              |

|                    |                 |
|--------------------|-----------------|
| <b>η</b>           | LED             |
| Efficiency         | 148 lm/W        |
| Direct/Indirect    | ↓ 93% / ↑ 7%    |
| System Power       | 32 W            |
| <b>UGR</b>         | X=4H, Y=8H      |
| Reflection factors | 70/50/20        |
| UGR C0/C180        | 25.1            |
| UGR C90/C270       | 24.4            |
| CIE Flux Codes     | 48 78 94 93 100 |
| 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