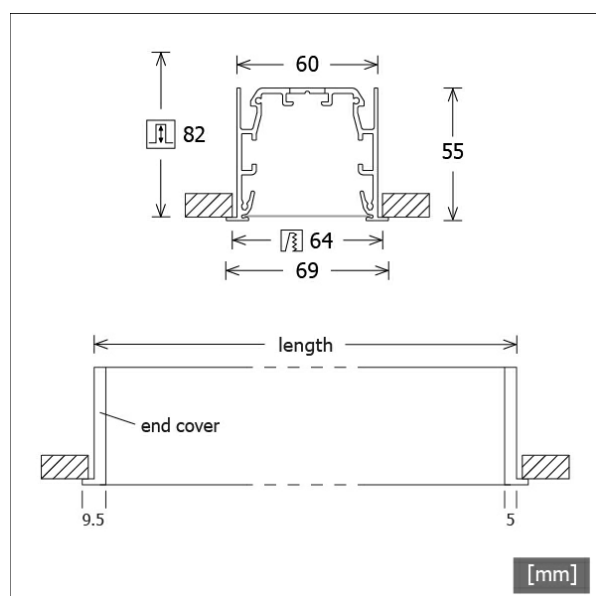


## ML-E 060.11840.2 OPD/DALI



| Colours         | Article no. | EAN           |
|-----------------|-------------|---------------|
| silver anodised | 670540      | 4043544822079 |
| black           | 670541      | 4043544822086 |
| white           | 670542      | 4043544822093 |



## Description

- filigree linear luminaire for recessed mounting
- symmetrical light distribution and uniform area illumination
- outstanding ease of maintenance
- no UV and thermal emissions
- aluminium housing with filigree trim (4.5 mm)
- end covers made from polycarbonate
- light-control foil "opal diffuse" with scattering additive made from polycarbonate
- easy quick-mounting in plasterboard with clamps
- 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. IP40 only applies in combination with mounted acrylic glass diffuser mounted acrylic glass profile.

## 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            | 25.5 W                                                    |
| Luminaire luminous flux | 4050 lm                                                   |
| System efficiency       | 158.82 lm/W                                               |
| Module efficiency       | 205.00 lm/W                                               |
| UGR class               | ≤28                                                       |
| Supply voltage          | 220 - 240 V / 50 - 60 Hz                                  |
| Protection class        | I                                                         |
| Type of protection      | IP20                                                      |

## Dimensions / Weights

|                   |               |
|-------------------|---------------|
| Length            | 1149 mm       |
| Width             | 69 mm         |
| Height            | 55 mm         |
| Cut-out (LxW)     | 1142 x 64 mm  |
| Ceiling thickness | 5.0 - 25.0 mm |
| Recessed depth    | 82 mm         |
| Net weight        | 2.80 kg       |
| Gross weight      | 3.22 kg       |

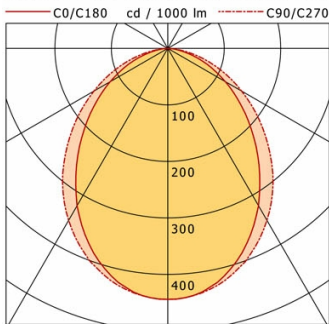
## Special dimensions

required clamps space: max. 141 mm

# ML-E 060.11840.2 OPD/DALI

## ML-E 060.11840.2 OPD/DALI

Monoline 060 | Recessed (1xLED 26W 840/4000K 4050lm)



|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 444 | 444 | 444  | 444  |
| 15°          | 410 | 419 | 410  | 419  |
| 30°          | 322 | 351 | 322  | 351  |
| 45°          | 212 | 254 | 212  | 254  |
| 60°          | 118 | 151 | 118  | 151  |
| 75°          | 42  | 59  | 42   | 59   |
| 90°          | 0   | 0   | 0    | 0    |
| cd / 1000 lm |     |     |      |      |

| Offset [m] | Cone width [m] |                | Illuminance [lx] |
|------------|----------------|----------------|------------------|
|            | C0-C180 Plane  | C90-C270 Plane |                  |
| 3.0        | 5.73           | 7.06           | 199.8            |
| 6.0        | 11.45          | 14.13          | 50.0             |
| 9.0        | 17.18          | 21.19          | 22.2             |
| 12.0       | 22.91          | 28.25          | 12.5             |
| 15.0       | 28.63          | 35.31          | 8.0              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 156 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        | 25.1             |
| UGR C90/C270       | 26.4             |
| CIE Flux Codes     | 54 84 97 100 100 |
| Ra/CRI             | >80              |

LTS

## Accessories



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



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



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