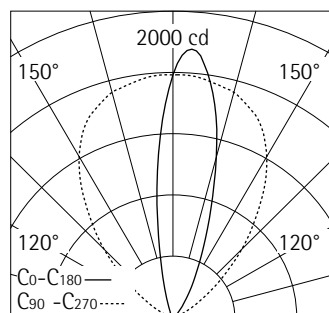


### 32830.000

LED module: 24.2W 2869lm 3000K  
warm white  
DALI-2  
Version 4  
Flush mounting detail  
Grazing light

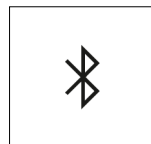
### Product description

For mounting in accessories.  
Housing: polymer, black.  
Longitudinally watertight cable  
4x1.5mm<sup>2</sup>, L 800mm.  
DALI control gear.  
LED module: high-power LEDs.  
Collimating lens made of optical  
polymer. ±10° tilt.  
Softec lens.  
Cover frame: stainless steel. Safety  
glass: 10mm, clear.  
Installation with separate connection  
sleeve.  
Mounting in recessed housing: can be  
driven over by vehicles with pneumatic  
tyres. Load: 20kN.  
Protection mode IP68 3m: protection  
against dust ingress, and continuous  
immersion up to 3m deep.  
Additionally tested with IP65.  
Protection Class II  
Weight 3.05kg  
Version with 3000K CRI 97 or 2700K,  
3500K, 4000K CRI 92 available on  
request.



### Technical data

|   |                                 |
|---|---------------------------------|
| Luminous flux of the luminaire                      | 1205lm                          |
| Connected load                                      | 27.0W                           |
| Luminaire efficacy                                  | 45lm/W                          |
| Colour deviation                                    | 1.5 SDCM                        |
| Colour rendition index                              | CRI 92                          |
| Lumen maintenance (LED manufacturer specifications) | L90/B10 ≤50000h<br>L90 ≤100000h |
| LED failure rate                                    | 0.1% ≤50000h                    |
| Dimming range                                       | 1%-100%                         |
| Dimming method                                      | CCR                             |
| TLA (Temporal Light Artefacts)                      | SVM ≤ 0.4; PstLM ≤ 1            |
| LMF   | E                               |
| Standby power per control gear                      | 0.1W                            |
| Luminaires per circuit breaker B16                  | 23                              |
| Temperature on the light aperture                   | 52°C                            |



### Casambi Bluetooth controllable via accessories

Casambi DALI gateway for controlling  
DALI via Casambi Bluetooth

## Planning data

## Melanopic light effect

|                      |              |      |      |
|----------------------|--------------|------|------|
| Art. no.             | Spectrum     | MR   | MDER |
| 32830.000 (indirect) | 3000K CRI 92 | 0.53 | 0.48 |

|      |   |
|------|---|
| MR   | Melanopic factor (of luminous radiation) $a_{\text{mel},v}$     |
| MDER | Melanopic Daylight Efficacy Ratio $[\gamma]_{\text{mel},v,D65}$ |

Multiplying the illuminance with the melanopic daylight efficacy ratio MDER gives the melanopic equivalent daylight illuminance MEDl. (MEDl Melanopic Equivalent Daylight Illuminance  $[lx] E_{v,\text{mel},D65} [lx]$ ).

| Cleaning (a)       | 1    |      |      |      | 2    |      |      |      | 3    |      |      |      |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Ambient conditions | P    | C    | N    | D    | P    | C    | N    | D    | P    | C    | N    | D    |
| LMF                | 0.96 | 0.94 | 0.90 | 0.86 | 0.93 | 0.91 | 0.86 | 0.81 | 0.92 | 0.90 | 0.84 | 0.79 |

| Hours of operation (h) | 1000 | 5000 | 10000 | 20000 | 30000 | 40000 | 50000 |
|------------------------|------|------|-------|-------|-------|-------|-------|
| LLMF                   | 1.00 | 0.99 | 0.98  | 0.96  | 0.94  | 0.92  | 0.90  |
| LSF                    | 1    | 1    | 1     | 1     | 1     | 1     | 1     |

|      |                                |
|------|--------------------------------|
| MF   | LMFxLLMFxLSF                   |
| MF   | Maintenance Factor             |
| LMF  | Luminaire Maintenance Factor   |
| LLMF | Lamp Lumens Maintenance Factor |
| LSF  | Lamp Survival Factor           |
| P    | Room pure                      |
| C    | Room clean                     |
| N    | Room normal                    |
| D    | Room dirty                     |

## Data according to regulations

2019/2020/EU supplemented by 2021/341/EU and 2019/2015/EU supplemented by 2021/340/EU Energy Consumption Labelling Ordinance

This product contains a light source of efficiency class E  
Due to thermal and photometric properties as well as to protect electronic components from ESD (electrostatic discharge) the light source cannot be changed by the customer.

ID EPREL: 1708773  
Model identifier: 3000068318  
Download data sheets for control gear and disassembly instructions at [www.ercoslr.com](http://www.ercoslr.com)

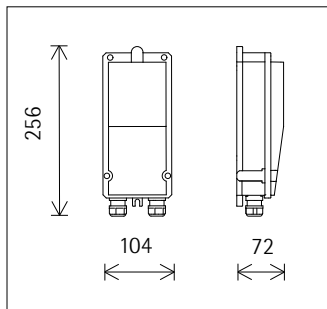
## Technical data in accordance with international norms and standards

|           |   |
|-----------|---|
| IEC 60598 | Luminaires – Part 1+2: general requirements, specific requirements and tests    |
| IEC 62031 | LED modules for general lighting – safety requirements                          |
| IEC 62471 | Photobiological safety of lamps and lamp systems                                |
| EN13032-4 | Light and lighting – measurement and representation of photometric data         |
| CIE 13    | Method of measuring and specifying colour rendering properties of light sources |

All technical data is subject to industry-standard tolerances.  
Also see [www.ercoslr.com/ercoslr-led](http://www.ercoslr.com/ercoslr-led)

For explanations of the symbols and abbreviations used and other general information, see [www.ercoslr.com/symbols](http://www.ercoslr.com/symbols)

## Accessories



### 56010.000

#### Casambi DALI Gateway

Enables the control of DALI luminaires via Casambi Bluetooth.

Input voltage: 220-240V; 50/60Hz; safety class II.

Max. number of controllable luminaires: 25 (depending on the number of control gear units per luminaire. The data sheet of the luminaire specifies this information.)

When assembled in the housing supplied, the gateway is protected against ingress of dust and strong jets of water (IP65).

Setup of the gateway via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices. Operation only in Casambi Evolution networks.

Outgoing DALI control lines must be designed for mains voltage.

The gateway provides 4 DALI group addresses, enabling 4 monochrome luminaire groups to be dimmed. The luminaires are assigned to a DALI group address in the Casambi app. No special settings or assignments are necessary to adjust the colour temperature.

With tunable white luminaires, up to 3 luminaire groups can be dimmed differently. The luminaires are assigned to a DALI group address in the Casambi app. The colour temperature is set simultaneously for all connected luminaires via a broadcast command. No special settings or assignments are necessary to adjust the colour temperature.

RGBW luminaires are automatically recognised by the gateway and controlled simultaneously via broadcast command; no special settings or assignments are necessary.

Weight 0.43kg

  IP65 



### 33295.000

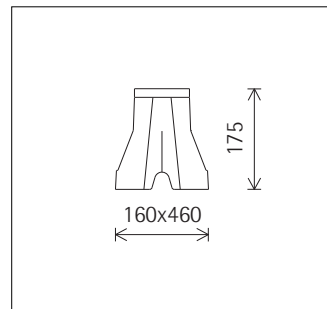
#### Recessed housing

Polymer, black.

4 cable entries.

Load: 20kN.

Weight 0.85kg



### 33958.000

#### Coupling sleeve

for max. 16mm cable diameter.

Polymer conduit, two-part PUR-cast resin.

ø 26mm, L 180mm.



### 33959.000

#### Branching sleeve

for 8-23mm cable diameter.

Polymer shell, two-part PUR cast resin.

L 150mm, B 70mm, H 46mm.