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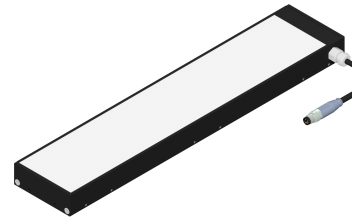
## vicolux® Bar Light - LDLF60x360-IR850/24V

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**Short description:** bar light, IR850, diffuse, lf-size: 60 mm x 360 mm, static/switchable

**Order number:** 1-47-234

**EAN:** 4251692682043



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### Characteristics

- LED bar light with diffuse illumination
  - homogeneous illumination
  - lighting controller integrated in casing
  - continuous or pulsed operation
  - brightness pre-set, flash duration corresponds to pulse-length
  - connection: cable with M8 connector
  - metal casing, optical material: PMMA
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## Technical data

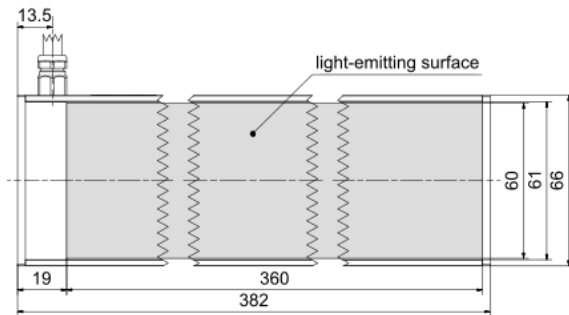
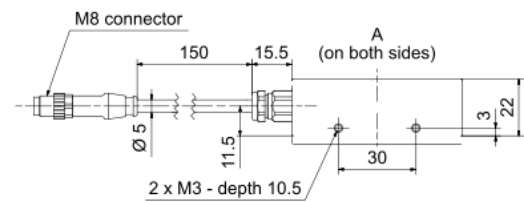
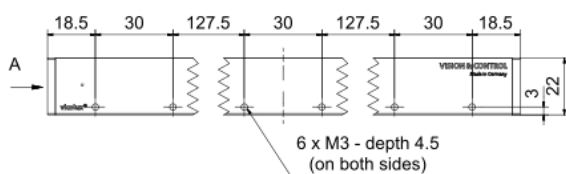
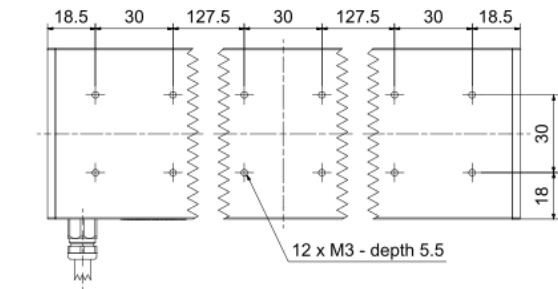
|                           |                                            |
|---------------------------|--------------------------------------------|
| Light-emitting surface    | 60 mm x 360 mm                             |
| Light colour              | Infrared, 850 nm                           |
| Light design              | Diffuse                                    |
| Operating voltage         | 24 V                                       |
| Power consumption         | 19.2 W                                     |
| Radiance                  |                                            |
| • Continuous operation    | 65 W/(m <sup>2</sup> sr)                   |
| Housing material          | Aluminium, black anodised                  |
| Optic material            | PMMA                                       |
| Weight                    | 655 g                                      |
| Degree of protection      | IP50                                       |
| Safety class              | Class III, safety extra low voltage (SELV) |
| Risk group (DIN EN 62471) | Exempt                                     |
| Ambient temperature       | 0 °C to 45 °C                              |

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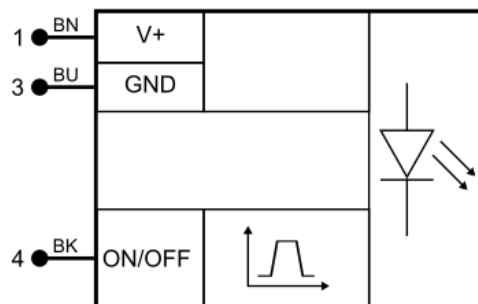
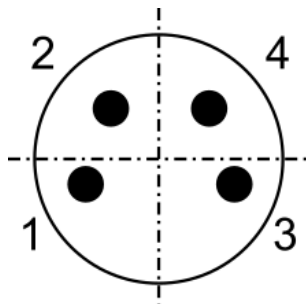
## Accessories for Area and Bar lights - LDLF60x360-IR850/24V

| Order number                    | Title                         | Description                                                                                 |
|---------------------------------|-------------------------------|---------------------------------------------------------------------------------------------|
| <b>Connection cable M8-4pin</b> |                               |                                                                                             |
| 1-11-611                        | Cable-M8-4p-5A-straight-1m    | 4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end        |
| 1-11-612                        | Cable-M8-4p-5A-straight-2m    | 4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end        |
| 1-11-613                        | Cable-M8-4p-5A-straight-3m    | 4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end        |
| 1-11-614                        | Cable-M8-4p-5A-straight-5m    | 4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end        |
| 1-11-609                        | Cable-M8-4p-4A-straight-5m    | 4x0.25mm <sup>2</sup> , 4A, 60V, PUR, IP67, M8-4pin straight socket to free cable end       |
| 1-11-607                        | Cable-M8-4p-4A-straight-10m   | 4x0.25mm <sup>2</sup> , 4A, 60V, PUR, IP67, M8-4pin straight socket to free cable end       |
| 1-11-605                        | Cable-M8-4p-4A-angled-2m      | 4x0.25mm <sup>2</sup> , 4A, 60V, PUR, IP67, M8-4pin angled socket to free cable end         |
| 1-11-604                        | Cable-M8-4p-4A-angled-5m      | 4x0.25mm <sup>2</sup> , 4A, 60V, PUR, IP67, M8-4pin angled socket to free cable end         |
| 1-11-606                        | Cable-M8-4p-4A-angled-10m     | 4x0.25mm <sup>2</sup> , 4A, 60V, PUR, IP67, M8-4pin angled socket to free cable end         |
| <b>Extension cable M8-4pin</b>  |                               |                                                                                             |
| 1-11-093                        | Extension cable-M8-4p-5A-0.6m | 4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to M8-4pin straight plug |
| 1-11-094                        | Extension cable-M8-4p-5A-1.5m | 4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to M8-4pin straight plug |
| 1-11-095                        | Extension cable-M8-4p-5A-3.0m | 4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to M8-4pin straight plug |

## Drawings



Dimensional drawing in mm



|   |        |                   |
|---|--------|-------------------|
| 1 | V+     | Operating voltage |
| 2 | NC     | Do not use        |
| 3 | GND    | Ground            |
| 4 | ON/OFF | Switch input      |

Pin assignment of the M8 connector