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## vicolux® Bar Light - L-CLR-10x600-IR940-P-SL- Luminous Field Size 10 mm x 600 mm

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**Short description:** bar light, IR940, directed, lf-size: 10 mm x 600 mm, P-LED, smart light

**Order number:** 1-05-843

**Actual Notice:** **coming soon**



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### Characteristics

- flashable bar light with direct illumination
  - thermally optimised line profile, metal casing, light field cover made of glass
  - connection: M8 plug on the casing
  - safe operation due to vicolux® smart light Controller (e.g. DLC3005)
  - multiple mounting options
  - further lengths available on request
  - Ideally suited for multispectral applications in the NIR and SWIR range, thanks to simple combination with other illuminators of the same design
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## Technical data

|                      |                                          |
|----------------------|------------------------------------------|
| Luminous field       | 10 mm x 600 mm                           |
| Light colour         | IR, 940 nm                               |
| Beam angle           | x=15° y=45° (elliptical)                 |
| Special feature      | Flashable with flash controller          |
| Degree of protection | IP67                                     |
| Safety class         | III, operation on protective low voltage |
| Ambient temperature  | -10°C to +55°C                           |
| Housing material     | Aluminium anodised                       |
| Weight               | 575 g                                    |
| Continuous operation |                                          |
| • Power consumption  |                                          |
| • Irradiance         |                                          |
| Flash mode           |                                          |
| • Power consumption  |                                          |
| • Irradiance         |                                          |

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## Notices

**For further information, please contact your personal contact in our sales department.**

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## Can be combined with

| Order number                  | Title     | Description                                                                        |
|-------------------------------|-----------|------------------------------------------------------------------------------------|
| <b>LED Controller DLC3005</b> |           |                                                                                    |
| 1-30-202                      | DLC3005   | LED lighting controller, digital, cont./flash current: 4.8A/18A, wall mounting     |
| 1-30-209                      | DLC3005-R | LED lighting controller, digital, cont./flash current: 4.8A/18A, DIN rail mounting |

## Accessories for Area and Bar lights - L-CLR-10x600-IR940-P-SL

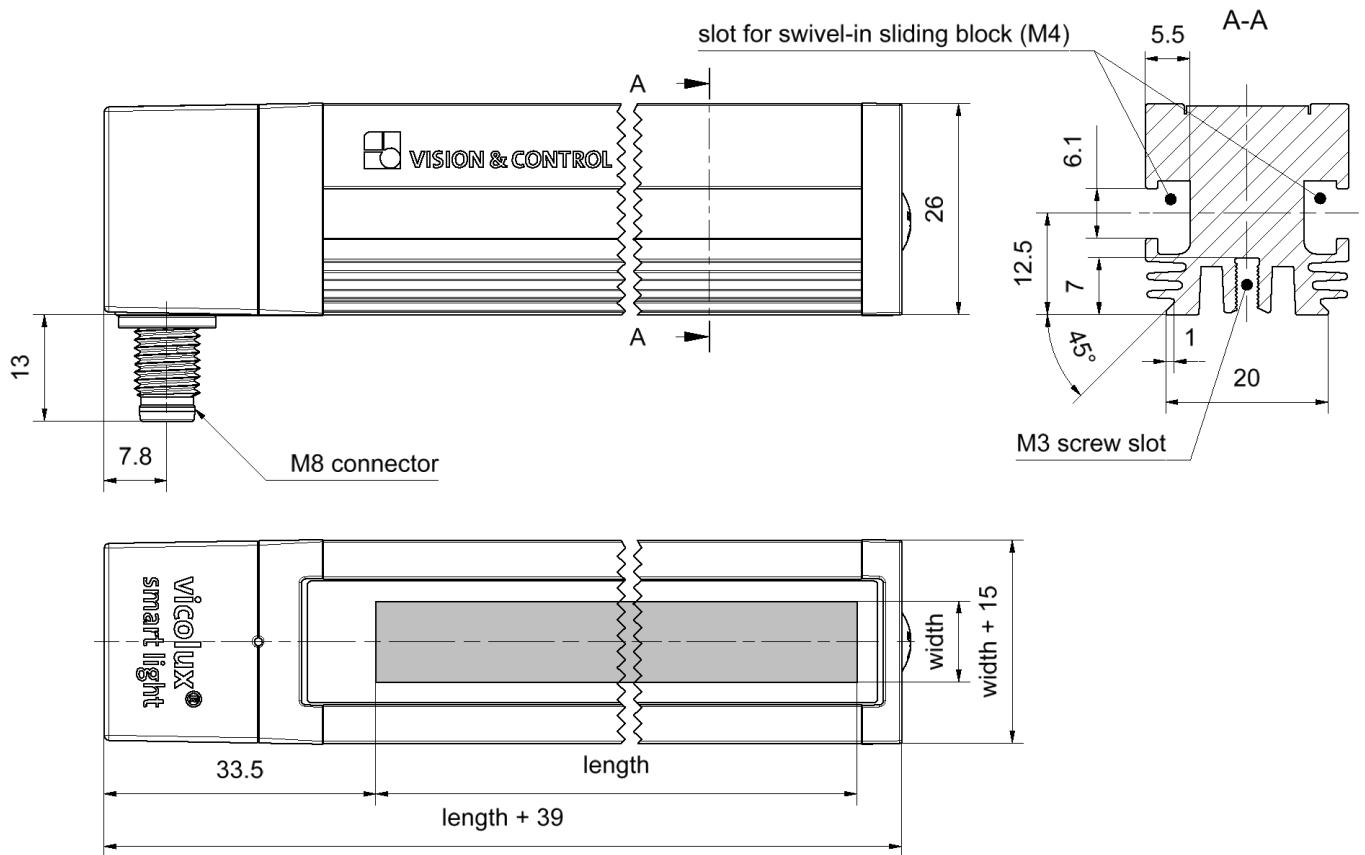
| Order number                    | Title                         | Description                                                                                 |
|---------------------------------|-------------------------------|---------------------------------------------------------------------------------------------|
| <b>Mounting Systems</b>         |                               |                                                                                             |
| 1-05-095                        | Tension clamp L-10 series     | for variable attachment of L-CLR-10 series and L-Spot-10 series                             |
| 1-05-096                        | Slot nuts, swivelable         | for L-CLR- and L-Spot series, 2 x M4, with grub screw, 2 pieces                             |
| <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        |
| 1-11-614                        | 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       |
| 1-11-605                        | 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         |
| <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 |

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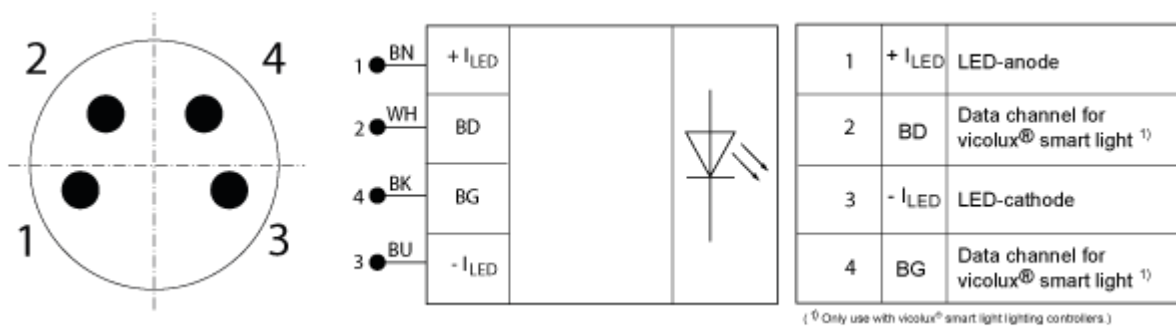
| Order number | Title                         | Description                                                                                 |
|--------------|-------------------------------|---------------------------------------------------------------------------------------------|
| 1-11-095     | 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 |

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## Drawings



Dimensional drawing in mm: length = 600 mm; width = 10 mm



Pin assignments, M8 connector