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## vicolux® Bar Light - LDL14x250-IR850/24V/EX/-a- Luminous Field Size 14 mm x 250 mm

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**Short description:** bar light, IR850, diffuse, lf-size: 14 mm x 250 mm, static/switchable, external

**Order number:** 1-34-663

**EAN:** 4251692677575



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### Characteristics

- LED bar light with diffuse illumination
  - homogeneous illumination
  - lighting controller external
  - continuous or pulsed operation
  - brightness pre-set, flash duration corresponds to pulse-length
  - connection: M5 plug at lighting controller
  - metal casing, optical material: PMMA
  - multiple mounting options
  - new improved version ("-a")
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## Technical data

|                           |                                     |
|---------------------------|-------------------------------------|
| Luminous field            | 14 mm x 250 mm                      |
| Light colour              | Infrared, 850 nm                    |
| Light design              | Diffus                              |
| Radiance                  | 72 mW/(cm <sup>2</sup> sr)          |
| Operation voltage         | 24 VDC (12 - 30 V)                  |
| Ambient temperature       | -10°C bis +45°C                     |
| Degree of protection      | IP50                                |
| Housing material          | Aluminium black anodised            |
| Weight                    | 92 g                                |
| Risk group (DIN EN 62471) | Freie Gruppe                        |
| Safety class              | III, Betrieb an Schutzkleinspannung |

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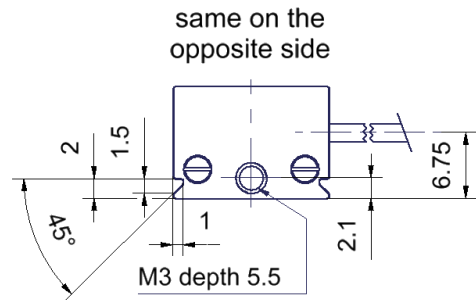
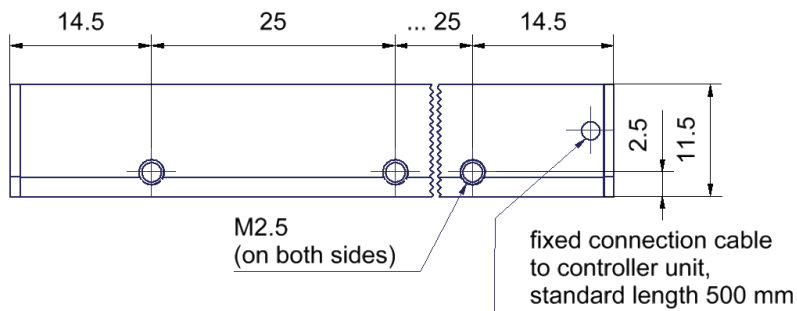
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**Accessories for Area and Bar lights - LDL14x250-IR850/24V/EX/-a**

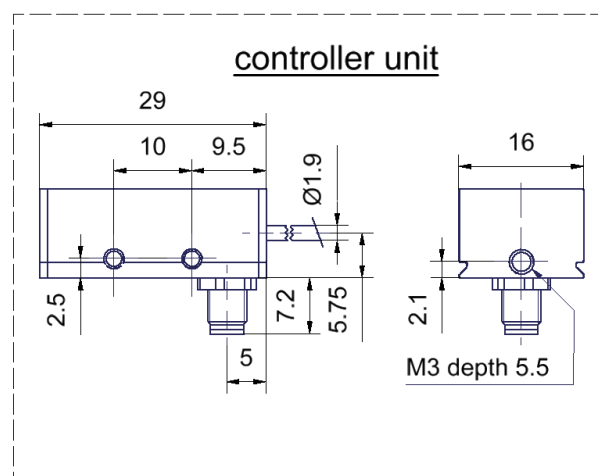
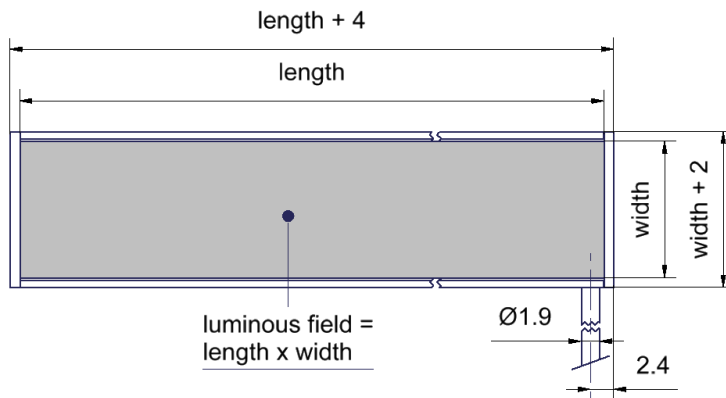
| Order number                           | Title                      | Description                                                                           |
|----------------------------------------|----------------------------|---------------------------------------------------------------------------------------|
| <b><i>Mounting Systems</i></b>         |                            |                                                                                       |
| 1-16-827                               | Tension clamp LxL14 series | for variable attachment and extension of the LxL14 series, l=25mm, w=24mm             |
| <b><i>Connection cable M5-4pin</i></b> |                            |                                                                                       |
| 1-11-117                               | Cable-M5-4p-1A-straight-2m | 4x0.14mm <sup>2</sup> , 1A, 60V, PUR, IP67, M5-4pin straight socket to free cable end |
| 1-11-116                               | Cable-M5-4p-1A-straight-5m | 4x0.14mm <sup>2</sup> , 1A, 60V, PUR, IP67, M5-4pin straight socket to free cable end |
| 1-11-105                               | Cable-M5-4p-1A-angled-2m   | 4x0.14mm <sup>2</sup> , 1A, 60V, PUR, IP67, M5-4pin angled socket to free cable end   |
| 1-11-104                               | Cable-M5-4p-1A-angled-5m   | 4x0.14mm <sup>2</sup> , 1A, 60V, PUR, IP67, M5-4pin angled socket to free cable end   |

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## Drawings



### light unit



Dimensional drawing in mm: length = 250 mm; width = 14 mm

| Funktion         | Belegung | Kabelfarbe* | Pin | Polbild |
|------------------|----------|-------------|-----|---------|
| Betriebsspannung | V+       | braun       | 1   |         |
| Masse            | GND      | blau        | 3   |         |
| Schalteingang    | ON/OFF   | schwarz     | 4   |         |
| Nicht belegt     | NC       | weiß        | 2   |         |

\* für empfohlenes Zubehör

Pin assignments, M5 connector