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## vicolux® Area Light - FDLKD11-B470

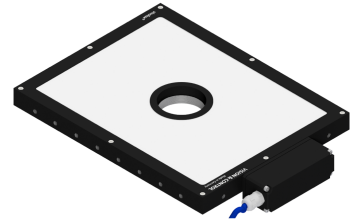
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**Short description:** area light, blue, diffuse, lf-size: 240x180 mm, camera view, static

**Order number:** 1-15-870

**EAN:** 4251692655351

**Actual Notice:** **Not for new developments**  
Please use the products of the A-DIF or FDLRL series for new developments.



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### Characteristics

- metal casing, optical material: PMMA
  - homogeneous illumination
  - lighting controller integrated in casing
  - continuous or pulsed operation
  - pulse-length and brightness adjustable
  - connection: cable with open ends
  - metal casing, optical material: glass
  - multiple mounting options
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## Technical data

|                           |                                                                                                                         |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Light-emitting surface    | 240 mm x 180 mm                                                                                                         |
| Light design              | Diffus                                                                                                                  |
| Light colour (typ.)       | Blau, 470 nm                                                                                                            |
| Operating mode            | Switchable continuous operation                                                                                         |
| Special feature           | Brightness setting via analog control voltage 0 - 10 VDC (switchable 3 ms - $\infty$ ) or manually on the potentiometer |
| Operation voltage         | 24 VDC (10 - 30 V)                                                                                                      |
| Power consumption         | max. 35 W (1.4 A at 24 VDC)                                                                                             |
| Radiance                  | 11.3 W/m <sup>2</sup> sr                                                                                                |
| Luminance                 | 590 cd/m <sup>2</sup>                                                                                                   |
| Housing material          | Aluminium, black anodised                                                                                               |
| Optical material          | Glass                                                                                                                   |
| Weight                    | 2,400 g                                                                                                                 |
| Degree of protection      | IP50                                                                                                                    |
| Safety class              | Class III, safety extra low voltage (SELV)                                                                              |
| Risk group (DIN EN 62471) | Freie Gruppe                                                                                                            |
| Ambient temperature       | - 10 °C ... + 45 °C                                                                                                     |

### Cable

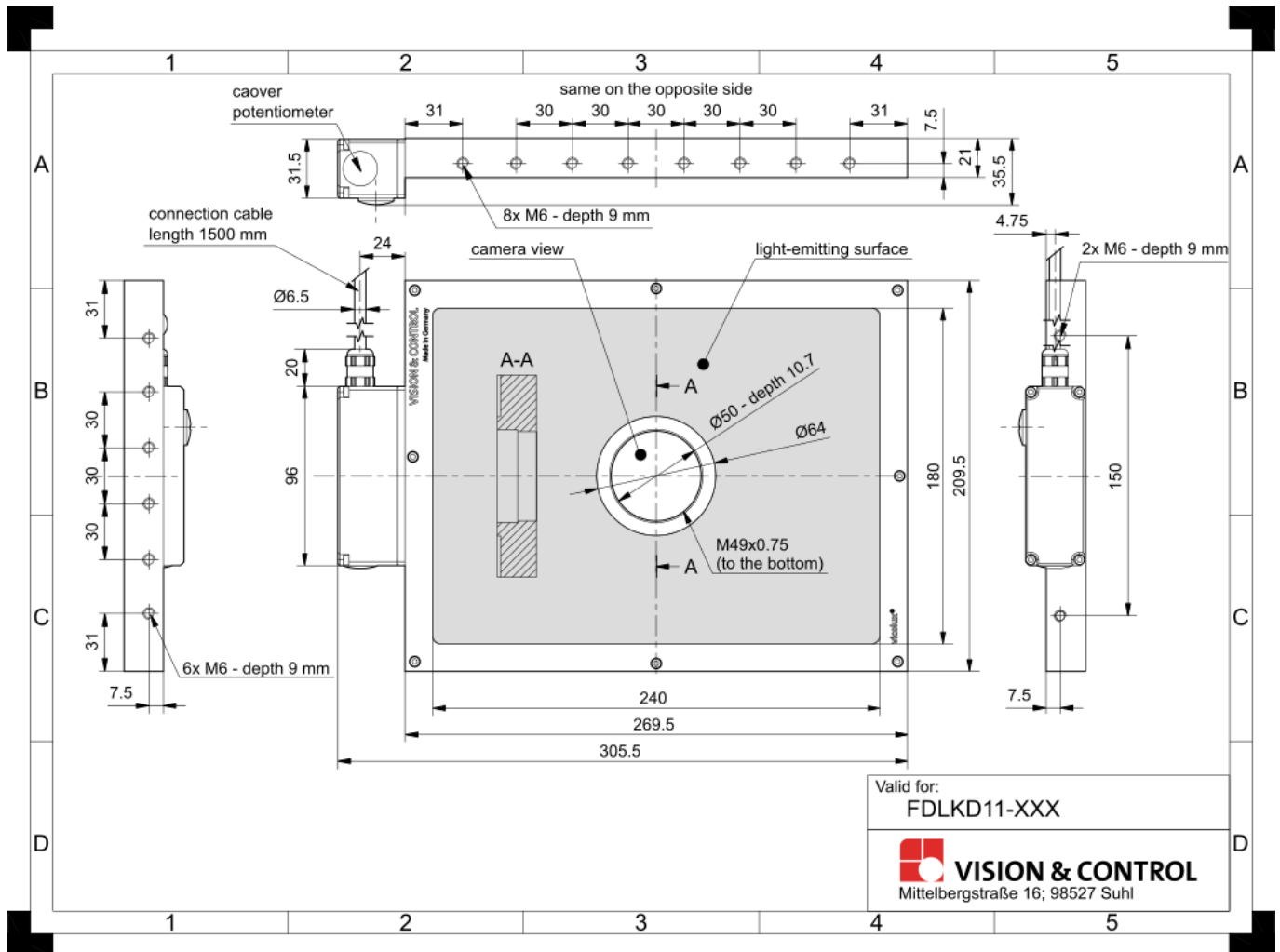
|                     |                                                      |
|---------------------|------------------------------------------------------|
| Cable length        | 1,500 mm                                             |
| Cable diameter      | 6.5 mm                                               |
| Cable structure     | 4 x 0.25 mm <sup>2</sup> and 3 x 0.5 mm <sup>2</sup> |
| Drag chain suitable | yes                                                  |

## Notices

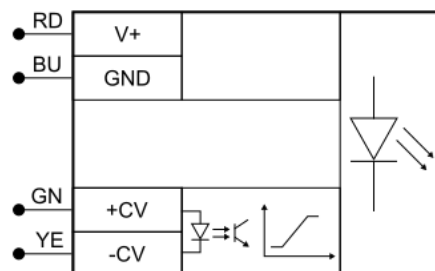
**For further information, please contact your personal contact in our sales department.**

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## Drawings



Dimensional drawing in mm



| Core colour | Signal | Description       |
|-------------|--------|-------------------|
| RD (red)    | V+     | Operating voltage |
| BU (blue)   | GND    | Ground            |
| GN (green)  | +CV    | Control voltage   |
| YE (yellow) | -CV    | Control voltage   |

Pin assignment: cable open, 4-core