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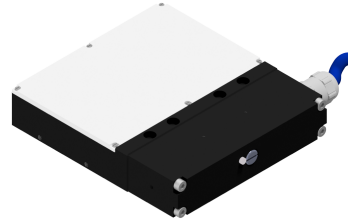
## vicolux® Area Light - FDLRL04-B470-24V/C

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**Short description:** area light, blue, diffuse, lf-size: 60x90 mm, 24V, controlled

**Order number:** 1-11-144

**EAN:** 4251692656075



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### Characteristics

- LED area light with diffuse Lighting
  - homogeneous luminous surface
  - 24V: continuous and pulse operation
  - metal casing, optical material: PMMA
  - multiple mounting options
  - developed for the requirements of industrial image processing
  - diffuse illuminations are also available in line form (width: 7 mm , 14 mm, 30 mm and 60 mm).
  - blue light enables maximum resolution and depth of field. Blue illuminators are therefore ideally suited for use in measurement technology.
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## Technical data

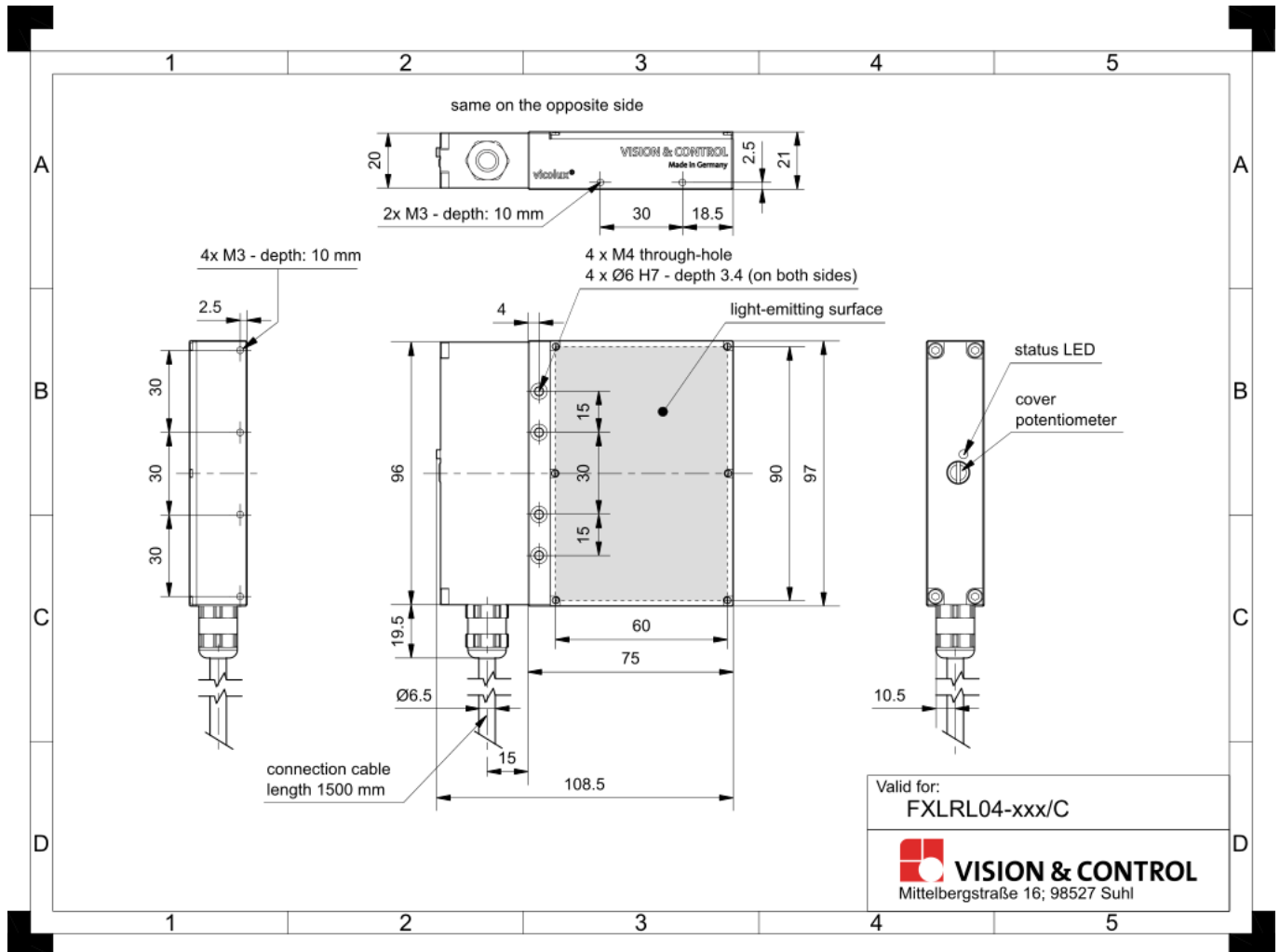
|                           |                                                                       |
|---------------------------|-----------------------------------------------------------------------|
| Light-emitting surface    | 60 mm x 90 mm                                                         |
| Light colour              | Blue, 470 nm                                                          |
| Light design              | Diffuse                                                               |
| Special feature           | Helligkeitseinstellung über Potentiometer oder Steuerspannung möglich |
| Operation voltage         | 24 VDC (10 - 30 V)                                                    |
| Power consumption         | max. 10 W (420 mA at 24 VDC)                                          |
| Housing material          | Aluminium, black anodised                                             |
| Optical material          | PMMA                                                                  |
| Weight                    | 500 g                                                                 |
| Degree of protection      | IP50                                                                  |
| Safety class              | III, Schutzkleinspannung (SELV)                                       |
| Risk group (DIN EN 62471) | Risk group 0 (exempt group)                                           |
| Ambient temperature       | -10 °C ... +45 °C                                                     |

### Cable

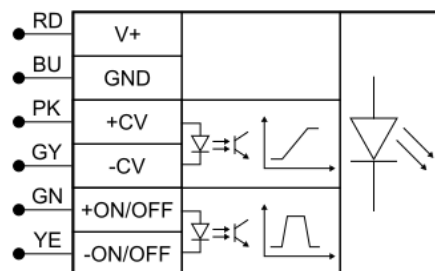
|                     |                                                      |
|---------------------|------------------------------------------------------|
| Cable length        | 1,500 mm                                             |
| Cable diameter      | 6.5 mm                                 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

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## Drawings



Dimensional drawing in mm



| Core colour | Signal  | Description       |
|-------------|---------|-------------------|
| RD (red)    | V+      | Operating voltage |
| BU (blue)   | GND     | Ground            |
| PK (pink)   | +CV     | Control voltage   |
| GY (grey)   | -CV     | Control voltage   |
| GN (green)  | +ON/OFF | Switch input      |
| YE (yellow) | -ON/OFF | Switch input      |

Pin assignment: cable open, 6-core