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## vicolux® Area Light - DL30x30-IR850/UDC/-a

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**Short description:** area light, IR850, diffuse, lf-size: 30x30 mm,  
M8-4pin, flashable by flash controller

**Order number:** 1-21-160

**EAN:** 4251692658345



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### Characteristics

- LED area light with diffuse illumination
  - homogeneous illumination
  - safe operation due to vicolux® smart light Controller (e.g. DLC3005)
  - connection: cable with M8 connector
  - metal casing, optical material: PMMA
  - multiple mounting options
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## Technical data

|                           |                                            |
|---------------------------|--------------------------------------------|
| Light-emitting surface    | 30 mm x 30 mm                              |
| Light colour              | Infrared, 850 nm                           |
| Light design              | Diffuse                                    |
| Special feature           | Flashable with flash controller            |
| Power consumption         | 1.5 W                                      |
| Radiance                  |                                            |
| • Continuous operation    | 155 W/(m <sup>2</sup> sr)                  |
| • Flash mode              | 1,575 W/(m <sup>2</sup> sr)                |
| Housing material          | Aluminium, black anodised                  |
| Optical material          | PMMA                                       |
| Weight                    | 52 g                                       |
| Degree of protection      | IP 50                                      |
| 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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## Notices

The lighting can only be operated in conjunction with a lighting controller or a suitable current source.

vicolux<sup>®</sup> smart light lighting controllers limit the electrical parameters automatically and also monitor the temperature of the device.

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## Can be combined with

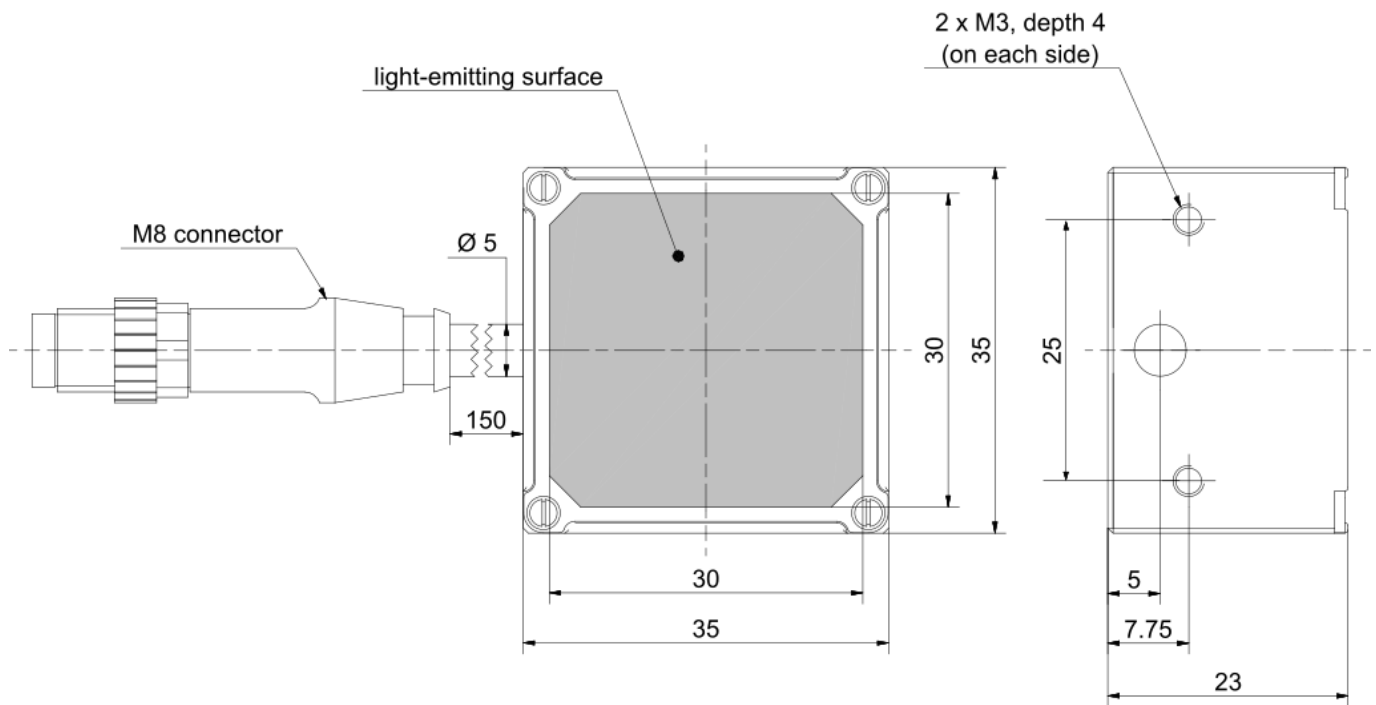
| Order number                  | Title     | Description                                                                        |
|-------------------------------|-----------|------------------------------------------------------------------------------------|
| <b>LED Controller DLC3005</b> |           |                                                                                    |
| 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 - DL30x30-IR850/UDC/-a

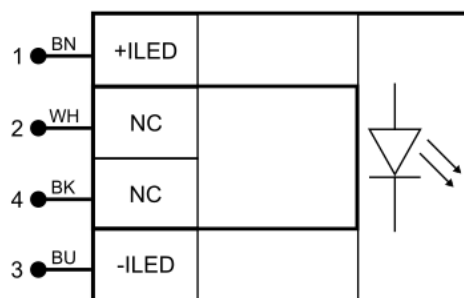
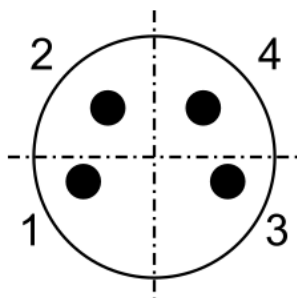
| Order number                      | Title                       | Description                                                                          |
|-----------------------------------|-----------------------------|--------------------------------------------------------------------------------------|
| <b>Beam splitter STE30x30</b>     |                             |                                                                                      |
| 1-18-031                          | Adapter STE30x30 - DL30x30  | Attachment of the STE30x30 to the DL30x30                                            |
| <b>Mounting systems</b>           |                             |                                                                                      |
| 1-18-070                          | Adjustable holder xL30      | for xL30x30/60/90, stepless rotatable and swiveling mounting, incl. screws           |
| <b>diffusers</b>                  |                             |                                                                                      |
| 1-18-060                          | Diffusor 40% 30x30x1        | for AL30x30 diffuser plate made of PMMA, screwable                                   |
| <b>Polarisers for Area Lights</b> |                             |                                                                                      |
| 1-18-062                          | Polarizer linear 30x30x0.18 | for AL30x30 and DL30x30, polarizing filter, neutral gray, self-adhesive              |
| <b>protective covers</b>          |                             |                                                                                      |
| 1-18-061                          | Clear cover 30x30x1         | for AL30x30, protective cover made of PMMA, screwable                                |
| <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 |

| Order number                          | Title                         | Description                                                                                 |
|---------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------|
| 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><i>Extension cable M8-4pin</i></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 | +ILED | LED anode   |
| 2 | NC    | Do not use  |
| 4 | NC    | Do not use  |
| 3 | -ILED | LED cathode |

Pin assignment of the M8 connector