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## vicolux® Area Light - A-CLR-60x90-G525-P-SL

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**Short description:** area light, green, directed, lf-size:  
50mmx80mm, P-LED, smart light

**Order number:** 1-33-056

**EAN:** 4251692652015



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### Characteristics

- Power-LED area light
  - currently our brightest area lighting
  - vicolux® smart light - Technology
  - safe operation due to vicolux® smart light Controller (e.g. DLC3005)
  - connection: M8 plug on the casing
  - metal casing, plane rear wall for optimal heat dissipation
  - Heat sink available as option
  - multiple mounting options
  - mechanically compatible with the FAL60x90 series
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## Technical data

|                           |                                            |
|---------------------------|--------------------------------------------|
| Light-emitting surface    | 50 mm x 80 mm                              |
| Light colour              | Grün, 525 nm                               |
| Light design              | gerichtet                                  |
| Special feature           | Flashable with flash controller            |
| Power consumption         |                                            |
| • Continuous operation    | 15.0 W                                     |
| • Flash mode              | 15.0 W                                     |
| Irradiance <sup>1)</sup>  |                                            |
| • Continuous operation    | 1.000 W/m <sup>2</sup>                     |
| • Flash mode              | 3,200 W/m <sup>2</sup>                     |
| Radiance                  |                                            |
| Housing material          | Aluminium, black anodised                  |
| Optical material          | PMMA                                       |
| Weight                    | 130 g                                      |
| Degree of protection      | IP50                                       |
| Safety class              | Class III, safety extra low voltage (SELV) |
| Risk group (DIN EN 62471) | Risk group 1                               |
| Ambient temperature       | -10 °C ... +55 °C                          |

<sup>1)</sup> working distance = 100 mm

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## Notices

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

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

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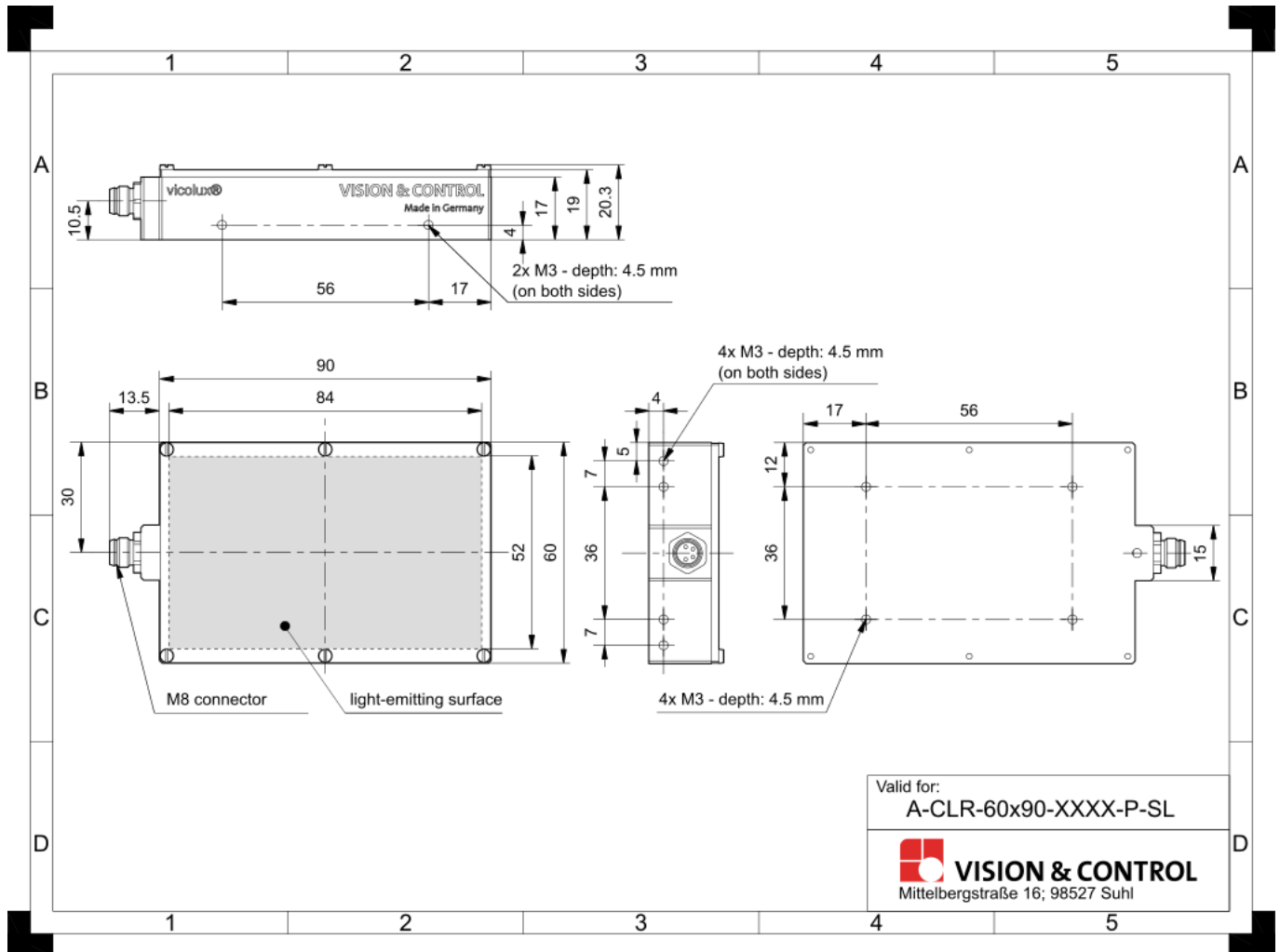
## Can be combined with

| 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 |

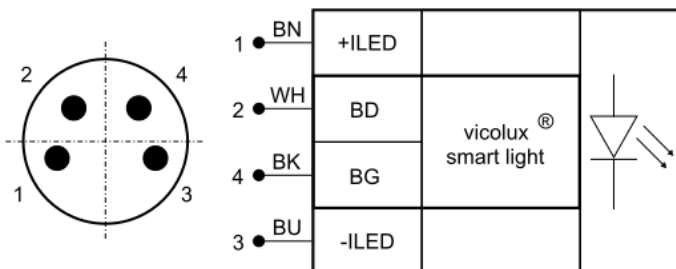
## Accessories for Area and Bar lights - A-CLR-60x90-G525-P-SL

| Order number                    | Title                         | Description                                                                                 |
|---------------------------------|-------------------------------|---------------------------------------------------------------------------------------------|
| <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        |
| 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 |
| 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



| Pin | Aderfarbe    | Signal | Beschreibung                                                |
|-----|--------------|--------|-------------------------------------------------------------|
| 1   | BN (braun)   | +ILED  | LED-Anode, positiver Stromeingang                           |
| 2   | WH (weiß)    | BD     | Data Channel für vicolux® smart light Module <sup>(1)</sup> |
| 4   | BK (schwarz) | BG     | Data Channel für vicolux® smart light Module <sup>(1)</sup> |
| 3   | BU (blau)    | -ILED  | LED-Kathode, negativer Stromeingang                         |

<sup>(1)</sup> Nur in Verbindung mit vicolux® smart light Beleuchtungscontrollern verwenden.

Pin assignment: M8 connector