
vicolux[®] Area Light - A-DIF-120x180-W5K7-SL

Short description: area light, white, diffuse, lf-size:
120mmx180mm, smart light

Order number: 1-33-154

EAN: 4251692652343



Characteristics

- LED area light with diffuse illumination
 - vicolux[®] smart light - Technology
 - flashable LED area light with diffuse illumination
 - safe operation due to vicolux[®] smart light Controller (e.g. DLC3005)
 - Ideally suited for multispectral applications in the NIR and SWIR range, thanks to simple combination with other illuminators of the same design
 - further lengths available on request
 - connection: cable with M8 connector
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Technical data

| | |
|---------------------------|--------------------------------------|
| Light-emitting surface | 120 mm x 180 mm |
| Light colour | White, 5700 K |
| Light design | Diffus |
| Special feature | Blitzbar mit Blitzcontroller |
| Power consumption | |
| • Continuous operation | 18 W |
| • Flash mode | 130 W |
| Radiance | |
| • Continuous operation | 65 W/(m ² sr) |
| • Flash mode | 195 W/(m ² sr) |
| Housing material | Aluminium, black anodised |
| Optical material | PMMA |
| Weight | 615 g |
| Degree of protection | IP 50 |
| Safety class | III, Sicherheitskleinspannung (SELV) |
| Risk group (DIN EN 62471) | Freie Gruppe |
| Ambient temperature | 0 °C ... 45 °C |

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.

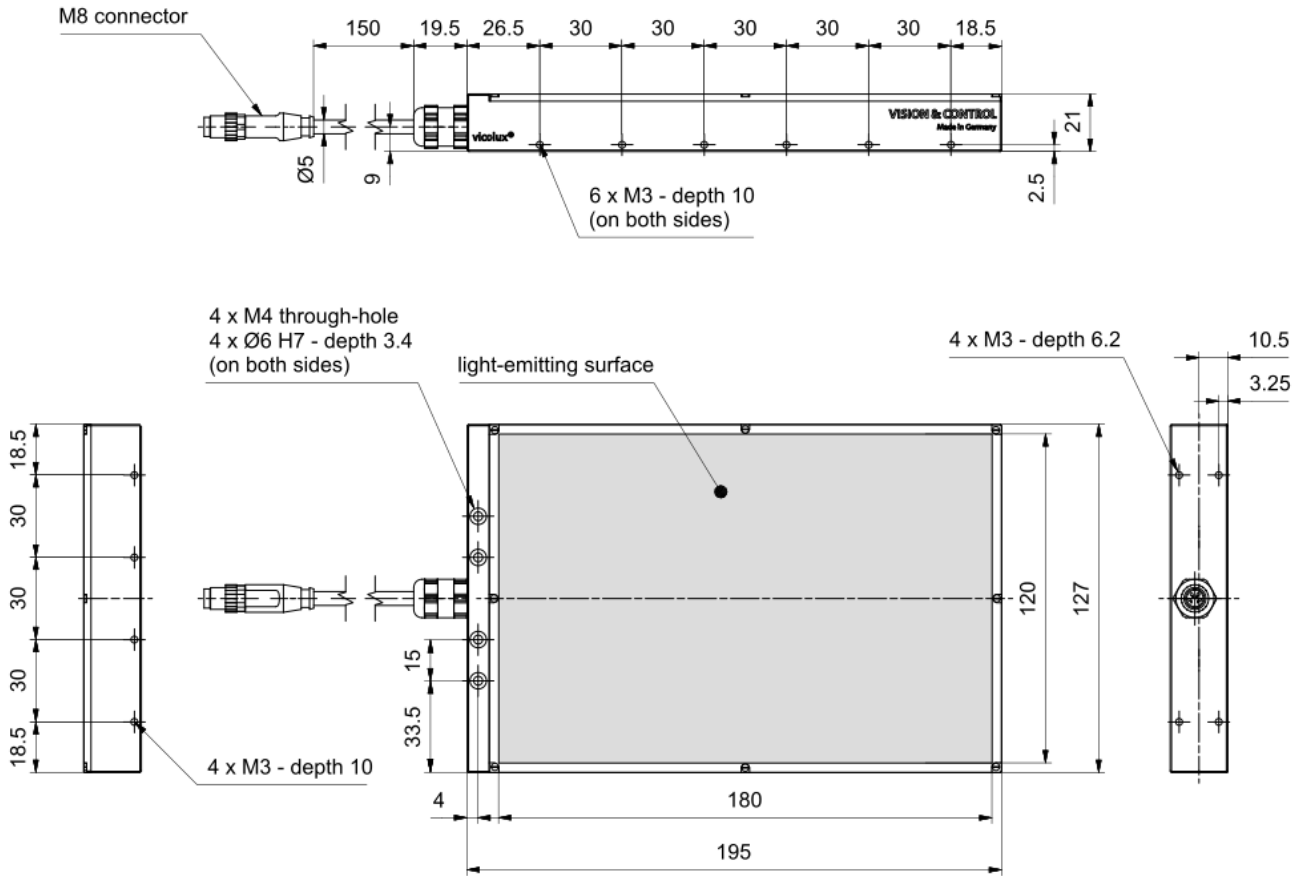
Can be combined with

| Order number | Title | Description |
|-------------------------------|-----------|--|
| LED Controller DLC3005 | | |
| 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 |

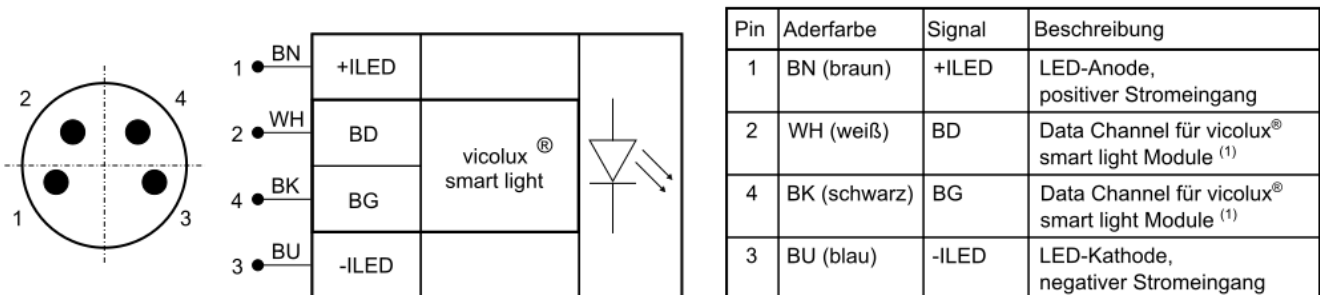
Accessories for Area and Bar lights - A-DIF-120x180-W5K7-SL

| Order number | Title | Description |
|---------------------------------|-------------------------------|---|
| Connection cable M8-4pin | | |
| 1-11-611 | Cable-M8-4p-5A-straight-1m | 4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end |
| 1-11-612 | Cable-M8-4p-5A-straight-2m | 4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end |
| 1-11-613 | Cable-M8-4p-5A-straight-3m | 4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end |
| 1-11-614 | Cable-M8-4p-5A-straight-5m | 4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end |
| 1-11-609 | Cable-M8-4p-4A-straight-5m | 4x0.25mm ² , 4A, 60V, PUR, IP67, M8-4pin straight socket to free cable end |
| 1-11-605 | Cable-M8-4p-4A-angled-2m | 4x0.25mm ² , 4A, 60V, PUR, IP67, M8-4pin angled socket to free cable end |
| 1-11-604 | Cable-M8-4p-4A-angled-5m | 4x0.25mm ² , 4A, 60V, PUR, IP67, M8-4pin angled socket to free cable end |
| Extension cable M8-4pin | | |
| 1-11-093 | Extension cable-M8-4p-5A-0.6m | 4x0.5mm ² , 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 ² , 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 ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to M8-4pin straight plug |

Drawings



Dimensional drawing in mm



Pin assignment: M8 connector