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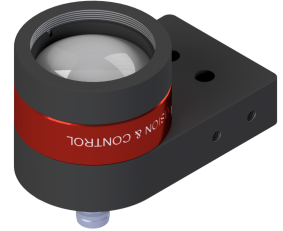
## vicolux® Spot Light - SLE-150-R625-P-24V

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**Short description:** compact spot light, red, P-LED, variable work distance, condenser l., 24V, switchable

**Order number:** 1-33-313

**EAN:** 4251692648193



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### Characteristics

- efficient LED spot illumination with imaging condenser optics
  - compact, thermally optimized design
  - high light output focused on small beam angle
  - high uniformity in light distribution
  - the pronounced mounting surface enables optimum heat dissipation
  - robust, without movable adjustment elements
  - the high light intensity as well as the optical design allow the use also at variable working distance
  - 24V: continuous and pulse operation
  - also available as flashable high-power variant
  - developed for the requirements of industrial image processing
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## Technical data

|                                      |                                             |
|--------------------------------------|---------------------------------------------|
| Beam angle                           | 40°                                         |
| Luminous field diameter <sup>1</sup> | 150 mm                                      |
| Light colour (typ.)                  | Rot, 625 nm                                 |
| Operating mode                       | Continuous operation<br>Switching operation |
| Operation voltage                    | 24 VDC (19 - 29 V)                          |
| Power consumption                    | max. 3.5 W                                  |

### Continuous operation

|                            |                                            |
|----------------------------|--------------------------------------------|
| • Irradiance <sup>1</sup>  | 11.9 W/m <sup>2</sup>                      |
| • Illuminance <sup>1</sup> | 2.4 klx                                    |
| • Radiance <sup>2</sup>    | 98.0 kW/m <sup>2</sup> sr                  |
| • luminance <sup>2</sup>   | 19.7 Mcd/m <sup>2</sup>                    |
| Housing material           | Aluminium, black anodised                  |
| Optical material           | Glass                                      |
| Filter thread              | M28 x 0.5                                  |
| Weight                     | 68.5 g                                     |
| Degree of protection       | IP 50                                      |
| Safety class               | Class III, safety extra low voltage (SELV) |
| Risk group (DIN EN 62471)  | Risk group 0 (exempt group)                |
| Ambient temperature        | -10 °C bis +45 °C                          |

<sup>1</sup> at 200 mm working distance

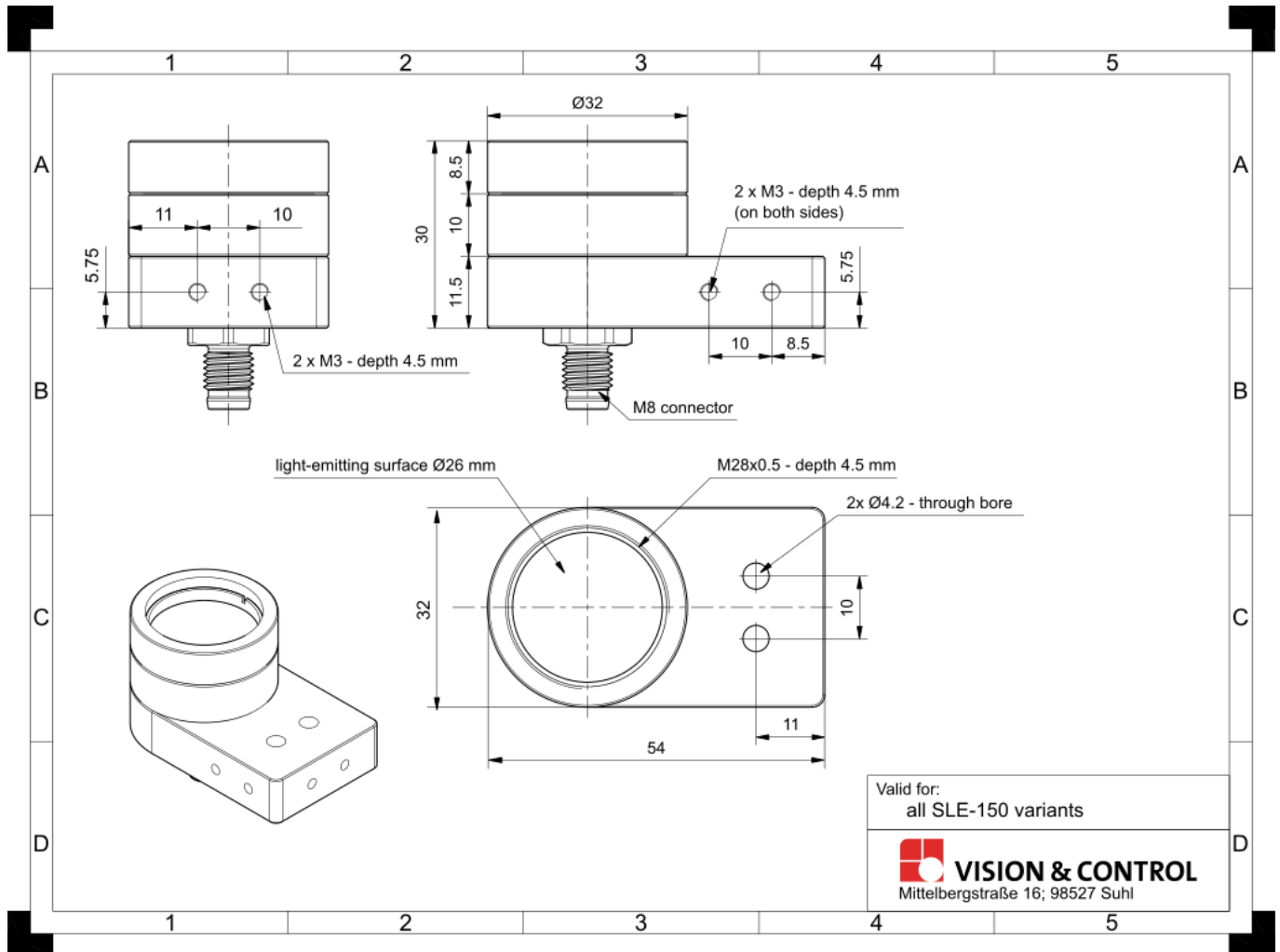
<sup>2</sup> at 11 mrad

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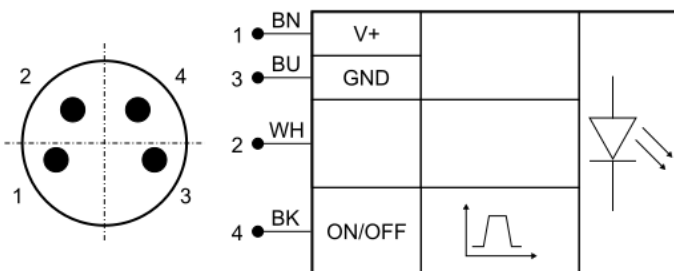
## Accessories for Spot lights - SLE-150-R625-P-24V

| 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       |
| 1-11-607                        | Cable-M8-4p-4A-straight-10m   | 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         |
| 1-11-606                        | Cable-M8-4p-4A-angled-10m     | 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 |
| <b>Power supply</b>             |                               |                                                                                             |
| 4-40-218                        | Power supply 24V-120W-5A      | for DIN rail mounting, without connection cable, type: SDR-120-24                           |

## Drawings



Dimensional drawing in mm



| Pin | Core colour | Signal | Description       |
|-----|-------------|--------|-------------------|
| 1   | BN (brown)  | V+     | Operating voltage |
| 2   | WH (white)  | NC     | Do not use        |
| 3   | BU (blue)   | GND    | Ground            |
| 4   | BK (black)  | ON/OFF | Switch input      |

Pin assignment: M8 connector