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## vicolux® Dome Light - SFD42/12-B470-P/24V

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**Short description:** dome light, blue, P-LED, If diam.: 84 mm,  
camera-view: 24 mm, static/switchable, M5

**Order number:** 1-32-302

**EAN:** 4251692650059



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### Characteristics

- very flat, power LED dome light
  - homogeneous illumination
  - lighting controller integrated in casing
  - continuous or pulsed operation
  - brightness pre-set, flash duration corresponds to pulse-length
  - connection: M5 plug on the casing
  - metal casing
  - multiple mounting options
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## Technical data

|                                       |                                          |
|---------------------------------------|------------------------------------------|
| Diameter of luminous field            | Aussen Ø 85 mm, Innen Ø 24 mm            |
| Light colour                          | Blue, 470 nm                             |
| Irradiance at working distance 5 mm   | 149 W/m <sup>2</sup>                     |
| Illumination at working distance 5 mm | 14000 lx                                 |
| Operation voltage                     | 24 VDC (10 - 30 V)                       |
| Ambient temperature                   | -10°C to +45°C                           |
| Degree of protection                  | IP20                                     |
| Housing material                      | Aluminium black anodised                 |
| Weight                                | 350 g                                    |
| Risk group (DIN EN 62471)             | Risk group 0 (exempt group)              |
| Safety class                          | III, operation on protective low voltage |

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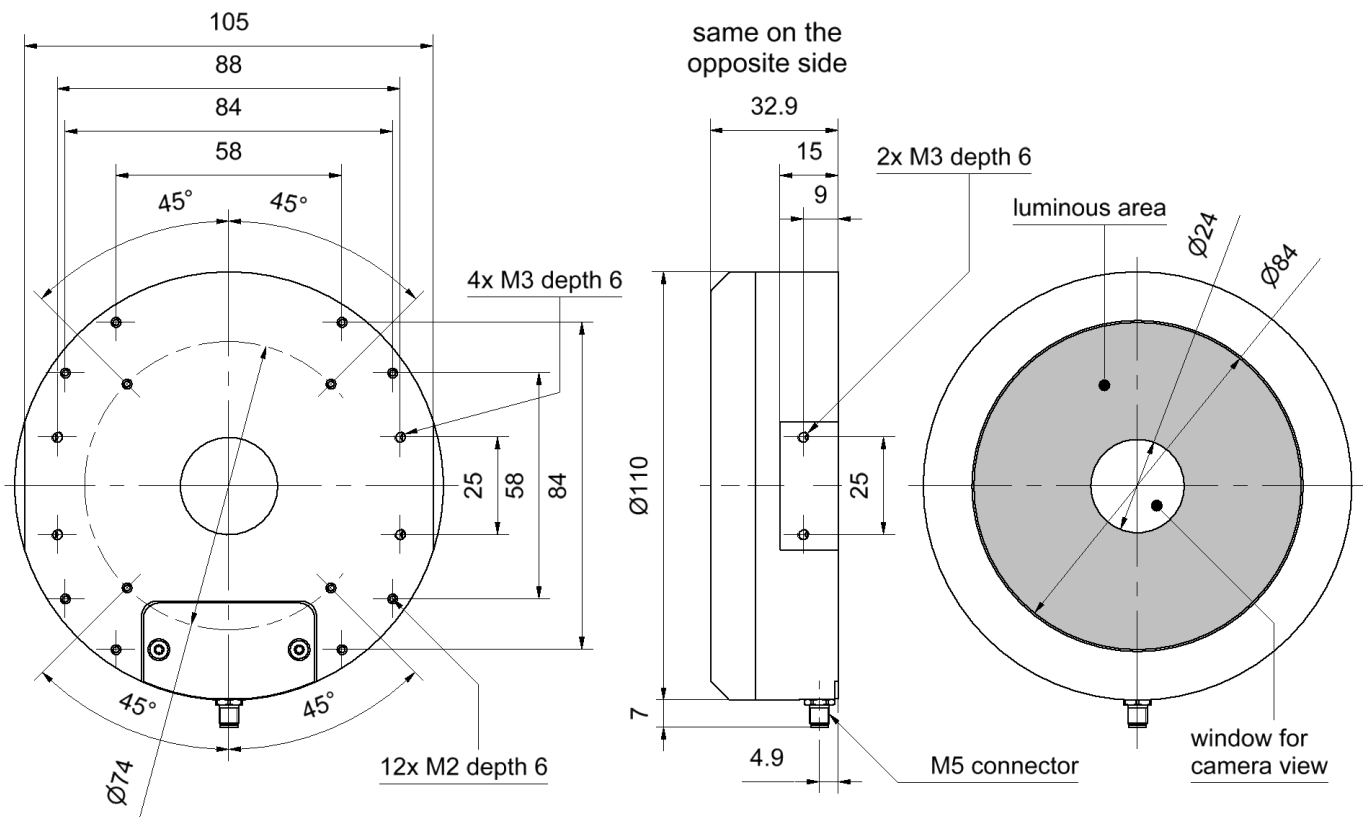
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**Accessories for Dome lights - SFD42/12-B470-P/24V**

| Order number                           | Title                         | Description                                                                           |
|----------------------------------------|-------------------------------|---------------------------------------------------------------------------------------|
| <b><i>Beam splitter STE60x60</i></b>   |                               |                                                                                       |
| 1-32-350                               | Adapter STE60x60 - SFD, D-CRL | Attachment of the STE60x60 to SFD42/12 and to D-CRL-84x24                             |
| <b><i>Connection cable M5-4pin</i></b> |                               |                                                                                       |
| 1-11-117                               | Cable-M5-4p-1A-straight-2m    | 4x0.14mm <sup>2</sup> , 1A, 60V, PUR, IP67, M5-4pin straight socket to free cable end |
| 1-11-116                               | Cable-M5-4p-1A-straight-5m    | 4x0.14mm <sup>2</sup> , 1A, 60V, PUR, IP67, M5-4pin straight socket to free cable end |
| 1-11-105                               | Cable-M5-4p-1A-angled-2m      | 4x0.14mm <sup>2</sup> , 1A, 60V, PUR, IP67, M5-4pin angled socket to free cable end   |
| 1-11-104                               | Cable-M5-4p-1A-angled-5m      | 4x0.14mm <sup>2</sup> , 1A, 60V, PUR, IP67, M5-4pin angled socket to free cable end   |

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## Drawings



Dimensional drawing in mm

| Funktion         | Belegung | Kabelfarbe* | Pin | Polbild |
|------------------|----------|-------------|-----|---------|
| Betriebsspannung | V+       | braun       | 1   |         |
| Masse            | GND      | blau        | 3   |         |
| Schalteneingang  | ON/OFF   | schwarz     | 4   |         |
| Nicht belegt     | NC       | weiß        | 2   |         |

\* für empfohlenes Zubehör

Pin assignments, M5 connector