

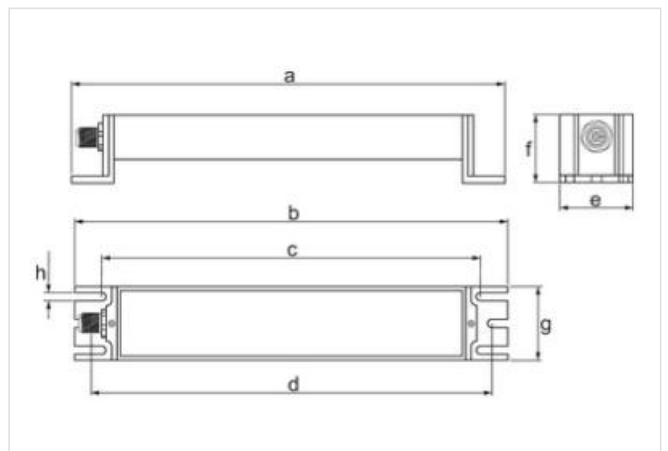
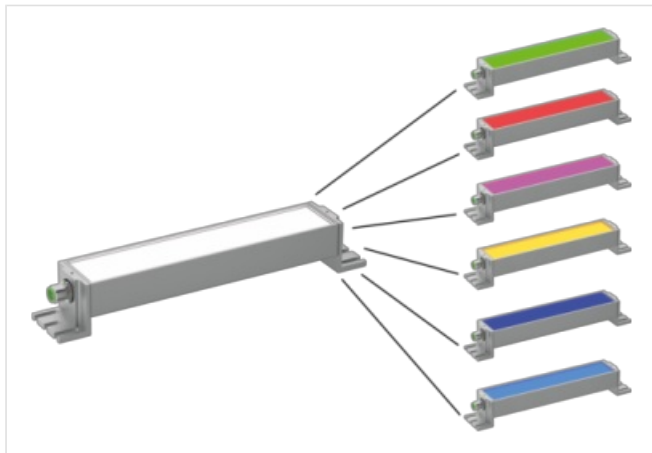
## Modlight Illumix Classic Line 24W

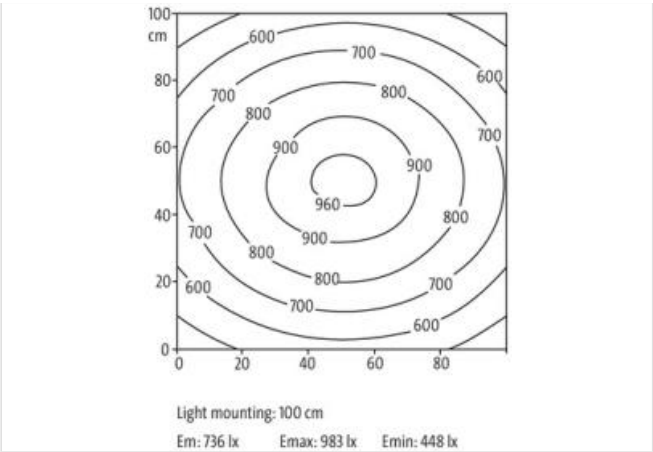
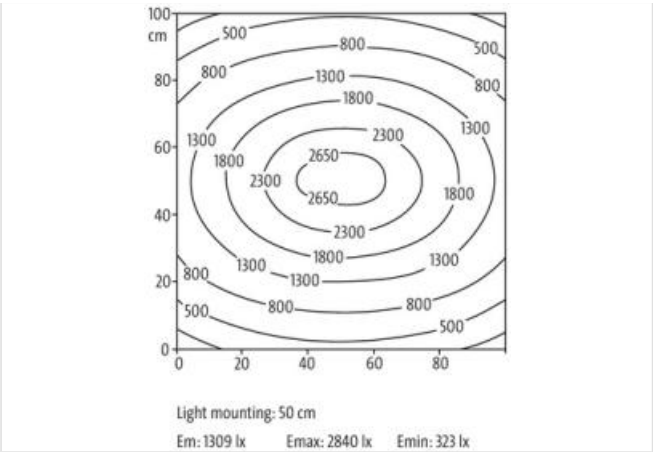
RGBW-LED machine lamp, IP67, 24VDC, M12 connection

Modlight Illumix Classic Line  
24 W

### [Link to Product](#)

#### Illustration





Product may differ from Image



General product information

|                  |                                                                                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------|
| URI manufacturer | <a href="https://www.murrelektronik.com/">https://www.murrelektronik.com/</a>                                       |
| URI product      | <a href="https://shop.murrelektronik.com/4000-75801-1416024">https://shop.murrelektronik.com/4000-75801-1416024</a> |

Commercial data

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27110306      |
| ECLASS-6.1            | 27110390      |
| ECLASS-7.0            | 27110390      |
| ECLASS-8.0            | 27110390      |
| ECLASS-9.0            | 27110345      |
| ECLASS-10.1           | 27110345      |
| ECLASS-11.1           | 27110345      |
| ECLASS-12.0           | 27110345      |
| ETIM-5.0              | EC000348      |
| customs tariff number | 94054239      |
| GTIN                  | 4065909086834 |
| Packaging unit        | 1             |

Electrical data | Supply

|                                      |        |
|--------------------------------------|--------|
| Operating voltage DC                 | 24 V   |
| Operating voltage DC min.            | 21,6 V |
| Operating voltage DC max.            | 27,6 V |
| Power consumption max.               | 39,6 W |
| Power consumption illumination white | 24 W   |
| Power consumption red                | 14,4 W |
| Power consumption green              | 10,8 W |
|                                      | 14,4 W |

HMI | Illumination properties

|                              |                |
|------------------------------|----------------|
| Number of light sources      | 4              |
| Radiation angle min.         | 120 °          |
| Luminous efficacy            | 147 lm/W       |
| Light color                  | daylight white |
| Luminous temperature         | 5700 K         |
| Color reproduction (Ra) min. | 80             |

|                                                 |                                                                                                                                                                    |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LED service life L70 min.                       | 52000 h                                                                                                                                                            |
| Energy efficiency class (EU 2019/2015)          | D                                                                                                                                                                  |
| Luminous flux illumination white                | 3524 lm                                                                                                                                                            |
| Luminous flux red                               | 880 lm                                                                                                                                                             |
| Luminous flux green                             | 1368 lm                                                                                                                                                            |
| Luminous flux blue                              | 516 lm                                                                                                                                                             |
| <b>Installation   Connection</b>                |                                                                                                                                                                    |
| Family construction form                        | M12                                                                                                                                                                |
| Gender                                          | male                                                                                                                                                               |
| <b>Installation   Pin assignment</b>            |                                                                                                                                                                    |
| Coding                                          | A                                                                                                                                                                  |
| No. of poles                                    | 5                                                                                                                                                                  |
| <b>Device protection   Electrical</b>           |                                                                                                                                                                    |
| Installation height max. ASL                    | 2000 m                                                                                                                                                             |
| Degree of protection (EN IEC 60529)             | IP67                                                                                                                                                               |
| Protection class (EN IEC 61140)                 | III                                                                                                                                                                |
| <b>Device protection   Mechanical</b>           |                                                                                                                                                                    |
| Shock resistance (EN IEC 60068-2-27)            | 50 g, 11 ms                                                                                                                                                        |
| Vibration resistance (EN IEC 60068-2-6)         | 10 mm (2 ... 9 Hz), 3 g (9 ... 200 Hz)                                                                                                                             |
| <b>Mechanical data   Material data</b>          |                                                                                                                                                                    |
| Coating housing                                 | eloxiert                                                                                                                                                           |
| Material housing                                | Aluminium                                                                                                                                                          |
| Material light cover                            | diffuse single-pane safety glass (ESG)                                                                                                                             |
| Thickness material light cover                  | 4 mm                                                                                                                                                               |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                                                    |
| Net weight                                      | 1270 g                                                                                                                                                             |
| Height                                          | 40 mm                                                                                                                                                              |
| Width                                           | 760 mm                                                                                                                                                             |
| Depth                                           | 37 mm                                                                                                                                                              |
| Screw head diameter max.                        | 7,2 mm                                                                                                                                                             |
| Screw head thread max.                          | M4                                                                                                                                                                 |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                                                                    |
| Operating temperature min.                      | -30 °C                                                                                                                                                             |
| Operating temperature max.                      | 50 °C                                                                                                                                                              |
| Storage temperature min.                        | -30 °C                                                                                                                                                             |
| Storage temperature max.                        | 50 °C                                                                                                                                                              |
| Relative humidity min. (operation)              | 5 %                                                                                                                                                                |
| Relative humidity max. (operation)              | 95 %                                                                                                                                                               |
| <b>Environmental product conformity</b>         |                                                                                                                                                                    |
| REACH                                           | compliant                                                                                                                                                          |
| RoHS                                            | 2011/65/EU                                                                                                                                                         |
| <b>Conformity</b>                               |                                                                                                                                                                    |
| CE                                              | 2014/30/EU                                                                                                                                                         |
| UKCA                                            | Electromagnetic Compatibility Regulations 2016, The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 |
| <b>Approvals</b>                                |                                                                                                                                                                    |
| UL                                              | E473165, UL2108 IFDR                                                                                                                                               |
| ULc                                             | E473165, CSA C22.2 No.250.0 IFDR7                                                                                                                                  |