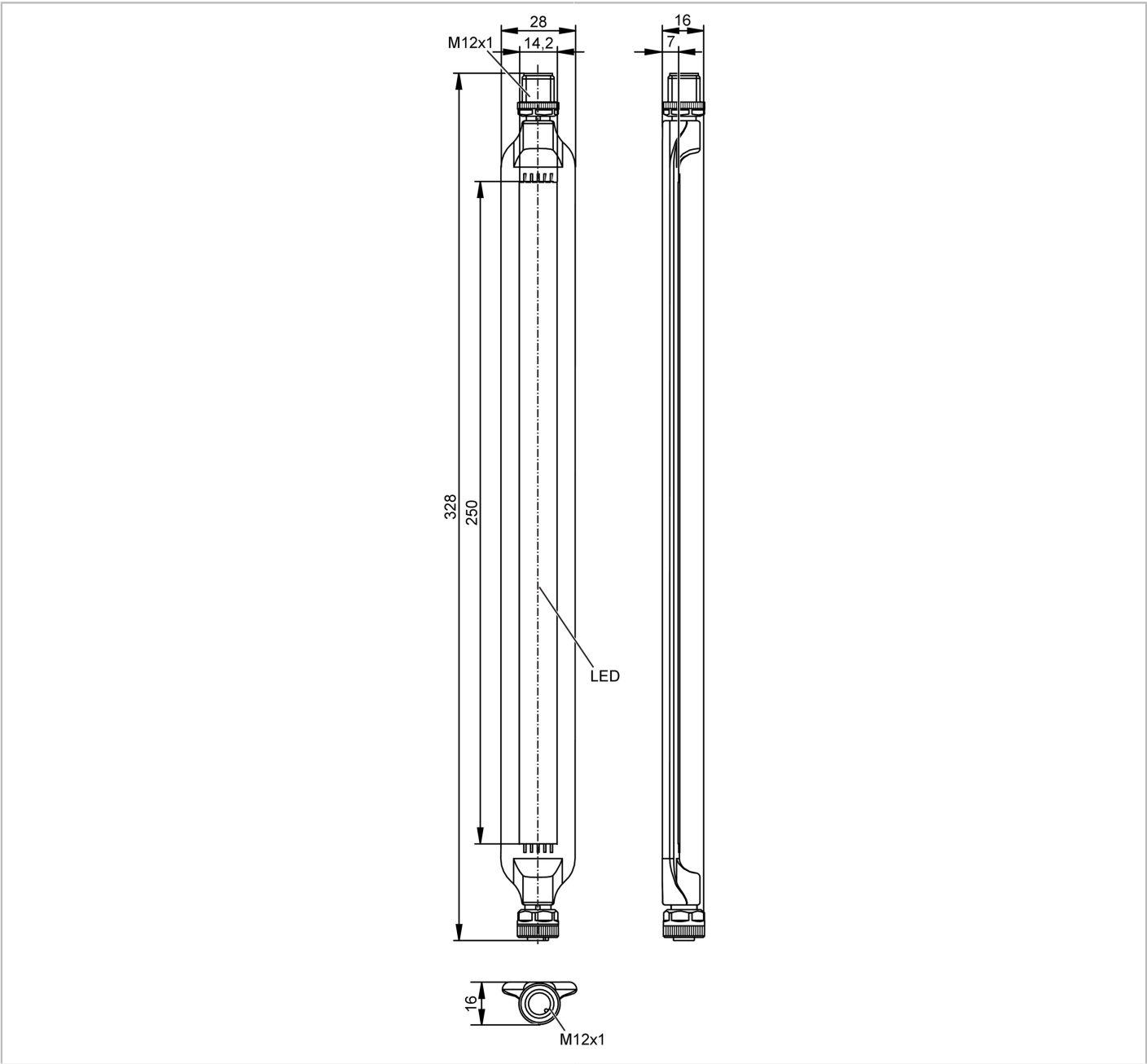


DV3011



Machine light

LED-Light-RGBW/ 250L 24C/CHCH/T

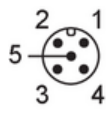
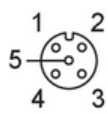


| Application              |      |                                                   |
|--------------------------|------|---------------------------------------------------|
| Special feature          |      | gold-plated contacts                              |
| Application              |      | illumination and signalling of machine conditions |
| Electrical data          |      |                                                   |
| Operating voltage        | [V]  | 21.6...26.4 DC                                    |
| Nominal voltage DC       | [V]  | 24; (to SELV/PELV)                                |
| Max. current consumption | [mA] | 300; (red: 43; green: 43; blue: 43; white: 172)   |
| Color temperature        | [K]  | 4000                                              |
| Luminous flux            | [lm] | red: 40; green: 90; blue: 18; white: 450          |
| Typ. lifetime            | [h]  | 65000                                             |



## Machine light

LED-Light-RGBW/ 250L 24C/CHCH/T

| Inputs                                                                                                                                                    |                              |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------|
| Input circuit of digital inputs                                                                                                                           |                              | 24 V PNP                                       |
| Operating conditions                                                                                                                                      |                              |                                                |
| Ambient temperature                                                                                                                                       | [°C]                         | -20...45                                       |
| Max. relative air humidity                                                                                                                                | [%]                          | 90                                             |
| Max. height above sea level                                                                                                                               | [m]                          | 4000                                           |
| Protection                                                                                                                                                |                              | IP 68; IP 69K                                  |
| Pollution degree                                                                                                                                          |                              | 2                                              |
| Tests / approvals                                                                                                                                         |                              |                                                |
| Approval                                                                                                                                                  |                              | IEC 62471; IEC 62031; IEC 60598; IEC 61000-6-2 |
| MTTF                                                                                                                                                      | [years]                      | 744                                            |
| Mechanical data                                                                                                                                           |                              |                                                |
| Weight                                                                                                                                                    | [g]                          | 111.75                                         |
| Dimensions                                                                                                                                                | [mm]                         | 302 x 28 x 16                                  |
| Material                                                                                                                                                  |                              | housing: TPU / PA grey                         |
| Displays / operating elements                                                                                                                             |                              |                                                |
| Display                                                                                                                                                   | Illumination                 | LED, white                                     |
|                                                                                                                                                           | signaling machine conditions | LED, multi-color RGB                           |
| Remarks                                                                                                                                                   |                              |                                                |
| Pack quantity                                                                                                                                             |                              | 1 pcs.                                         |
| Electrical connection - plug                                                                                                                              |                              |                                                |
| Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Locking: brass, nickel-plated; Tightening torque: 0.6...1.5 Nm                         |                              |                                                |
|                                                                        |                              |                                                |
| 1                                                                                                                                                         | L+                           | (red)                                          |
| 2                                                                                                                                                         | L+                           | (green)                                        |
| 3                                                                                                                                                         | L-                           |                                                |
| 4                                                                                                                                                         | L+                           | (white)                                        |
| 5                                                                                                                                                         | L+                           | (blue)                                         |
| Electrical connection - Socket                                                                                                                            |                              |                                                |
| Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Locking: brass, nickel-plated; Take into account the maximum value of the counterpart! |                              |                                                |
|                                                                        |                              |                                                |
| 1                                                                                                                                                         | L+                           | (red)                                          |
| 2                                                                                                                                                         | L+                           | (green)                                        |
| 3                                                                                                                                                         | L-                           |                                                |
| 4                                                                                                                                                         | L+                           | (white)                                        |
| 5                                                                                                                                                         | L+                           | (blue)                                         |

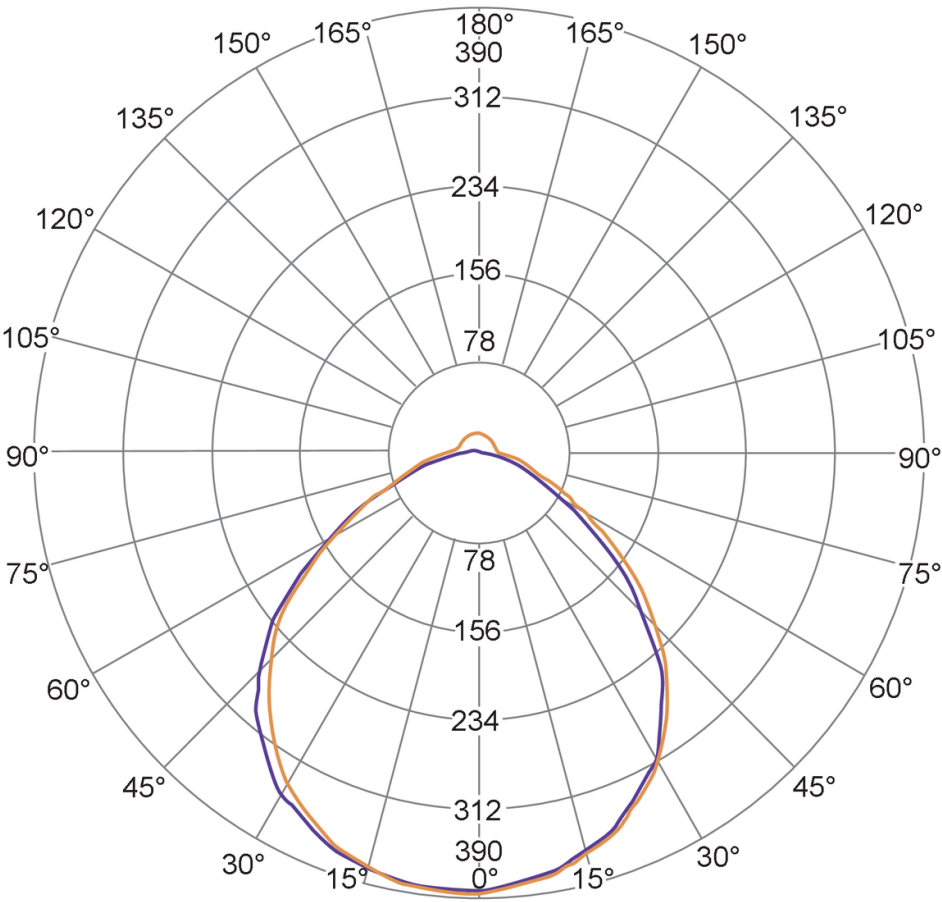


Machine light

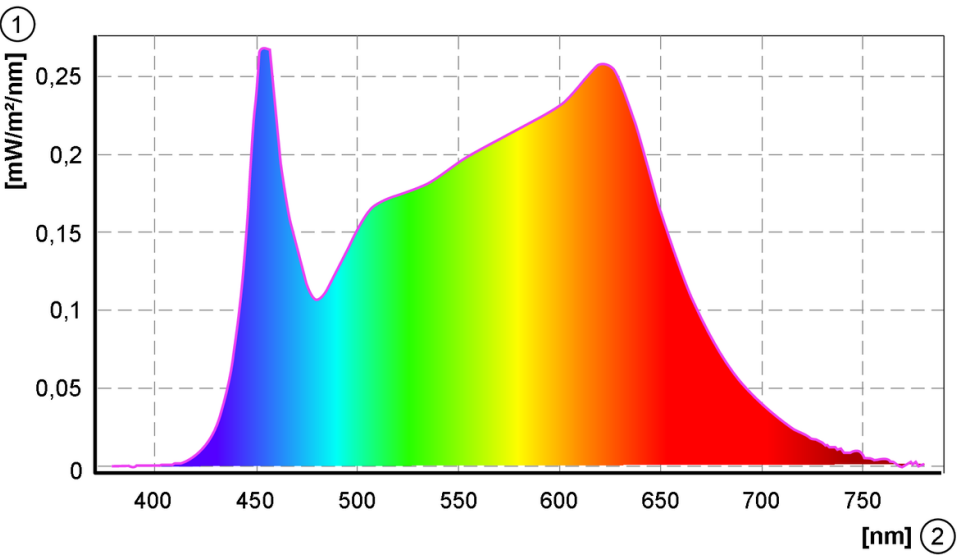
LED-Light-RGBW/ 250L 24C/CHCH/T

Diagrams and graphs

light intensity distribution curve



light spectrum



- 1 brightness
- 2 Wave length