

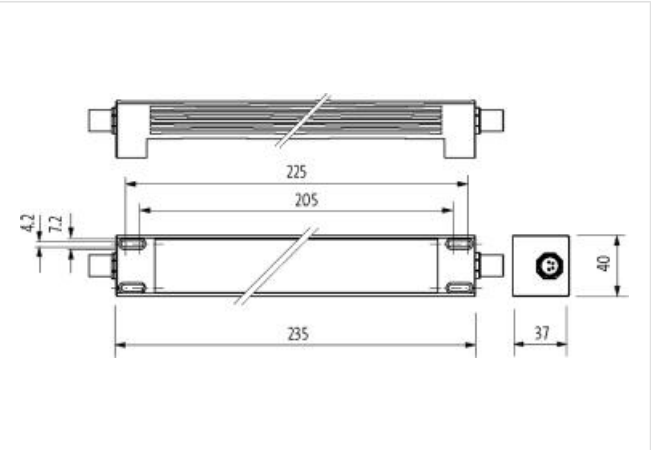
Modlight Illumix Classic Line C6W

LED machine lamp, IP67, 24VDC, 2xM12 connection

Modlight Illumix Classic Line C  
6 W  
expandability

Link to Product

Illustration



Product may differ from Image



| 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                  | 4048879752428 |
| 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.    | 6 W    |

**HMI | Illumination properties**

|                              |                |
|------------------------------|----------------|
| Radiation angle min.         | 120 °          |
| Luminous efficacy            | 105 lm/W       |
| Light color                  | daylight white |
| Luminous temperature         | 5500 K         |
| Color reproduction (Ra) min. | 80             |
| Luminous flux                | 630 lm         |

**Installation | Connection**

|                          |      |
|--------------------------|------|
| Family construction form | M12  |
| Gender                   | male |

**Installation | Pin assignment**

|              |   |
|--------------|---|
| Coding       | A |
| No. of poles | 4 |

**Device protection | Electrical**

|                                     |        |
|-------------------------------------|--------|
| Installation height max. ASL        | 2000 m |
| Degree of protection (EN IEC 60529) | IP67   |

**Device protection | Mechanical**

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| 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) |

**Mechanical data | Material data**

|                                |                                        |
|--------------------------------|----------------------------------------|
| Coating housing                | eloxiert                               |
| Material housing               | Aluminium                              |
| Material light cover           | diffuse single-pane safety glass (ESG) |
| Thickness material light cover | 4 mm                                   |

**Mechanical data | Mounting data**

|                          |        |
|--------------------------|--------|
| Height                   | 37 mm  |
| Width                    | 235 mm |
| Depth                    | 40 mm  |
| Screw head diameter max. | 12 mm  |
| Screw head thread max.   | M5     |

**Environmental characteristics | Climatic**

|                                    |        |
|------------------------------------|--------|
| Operating temperature min.         | -30 °C |
| Operating temperature max.         | 50 °C  |
| Relative humidity min. (operation) | 5 %    |
| Relative humidity max. (operation) | 95 %   |

**Connection type 2**

|                          |        |
|--------------------------|--------|
| Family construction form | M12    |
| Gender                   | female |
| Coding                   | A      |

|                          |         |
|--------------------------|---------|
| No. of poles             | 4       |
| PIN 1                    | n.c.    |
| PIN 2                    | n.c.    |
| PIN 3                    | 0 V DC  |
| PIN 4                    | 24 V DC |
| Family construction form | M12     |
| Gender                   | male    |
| Coding                   | A       |
| No. of poles             | 4       |
| PIN 1                    | n.c.    |
| PIN 2                    | n.c.    |
| PIN 3                    | 0 V DC  |
| PIN 4                    | 24 V DC |