61 6157 8055 S03 8W

Machine Lights

Linear LED light, 8 W, 300 mm length, with solid aluminum housing and frosted tempered glass, IP67, with male M8 connector

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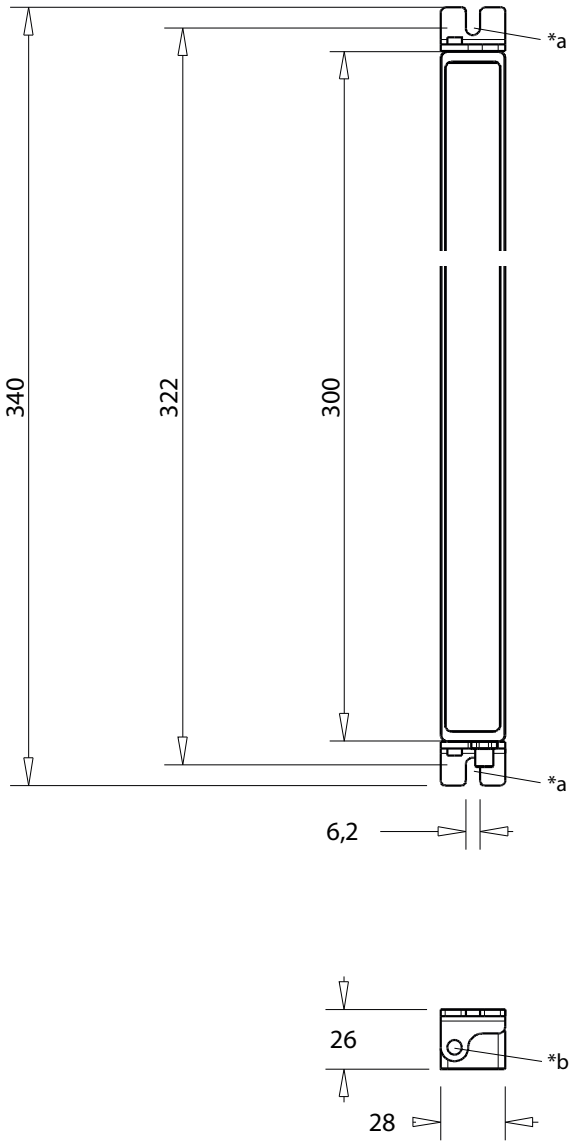





### Environmental conditions

| | |
|---|---|
| Temperature range | ≤ 50 °C |

### Materials

| | |
|---|---|
| Housing | aluminum, anodized |
| Lamp cover | tempered glass, frosted |

### Mechanical data

| | |
|---|---|
| Protection class | IP67 |
| Weight | ca. 300 g |

### Electrical data (at $T_{amb}$ 20 °C)

| | |
|---|---|
| Power consumption | 8 W |
| Connected load | 24 V DC (-10 %/+15 %) |
| Nominal currect | 0.33 A |
| Appliance class | III |

### Lighting data

| | |
|---|---|
| Illuminant | LED, energy efficiency class A+ |
| Luminaire luminous flux | ca. 840 lm |
| Luminaire luminous efficacy | ca. 105 lm/W |
| Light color | daylight white |
| Color temperature | ca. 5500 K |
| Color rendering index | > 80 |
| Light distribution | direct, wide radiation, > 120° |

### Associated products

Counterparts

| | | |
|---|---|---|
| 0800 ... 0... | 0800 ... 3... | 0800F1 ... 0... |
| 0800F1 ... 3... | 0805 ... 0... | 0805 ... 3... |
| 0805F1 ... 0... | 0810 0800 ... 0... | 0810 0800 ... 3... |
| 0810 0800 ... 3... sp | 0810 0805 ... 3... | 0815 0805 ... 3... |
| 0815 0805 ... 3... sp | 0840 ... T...CI | 1210 0800 ... 3... |

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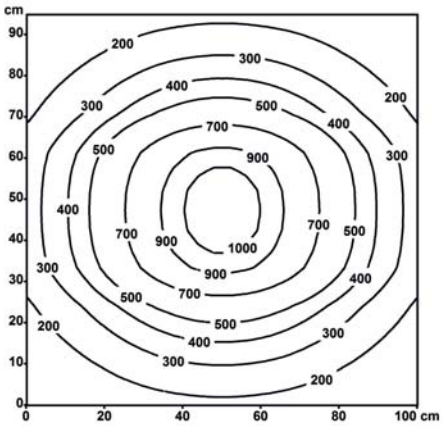
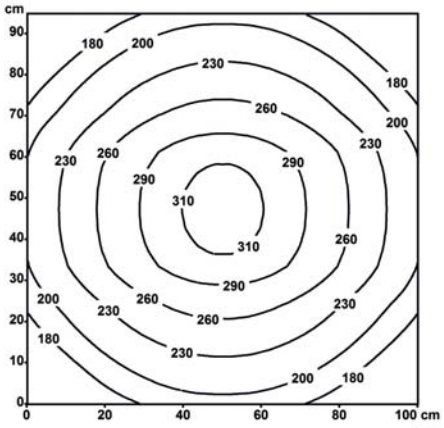
Illuminance with measuring distance 50 cm

| | |
|---|---|
| **Em:** | **432 lx** |
| Emax: | 1077 lx |
| Emin: | 109 lx |




Illuminance with measuring distance 100 cm

| | |
|---|---|
| **Em:** | **234 lx** |
| Emax: | 318 lx |
| Emin: | 143 lx |



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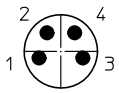
**Pin assignment for male M8 connector, A-coded, front view**




4 pole

1 DC (+)
2 not connected
3 DC (-)
4 not connected

*a for fixation by means of screws M5 or M6, max. bolt head diameter 12 mm

*b hinged fixation, screw with hexagon socket 2.5 mm

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| Designation | Pole Number | PU (Pieces) | MDQ (Pieces) |
|---|---|---|---|
| 6157 8055 S03 8W | - | 1 | 1 |

**Packaging:**
in a cardboard box