

FP MONO DC RC MF SP

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Energy-efficient emergency lighting with a long service life

- developed and to be used in accordance with DIN EN 60598-2-22
- LED lamp for harsh environmental conditions (shocks and vibration, temperature range)
- higher energy efficiency and service life than fluorescent lamps
- Can be used worldwide thanks to the multi-voltage input (20 V...60 VDC)
- high fire protection classification V0
- Beam direction to one side
- 5W Power

Versions

- Pluggable with heavy duty connector and round connector
- Pre-assembled 2.5 mm²

General ordering data

| | |
|------------|-------------------------------------|
| Order No. | 2815470000 |
| Type | FP MONO DC RC MF SP |
| GTIN (EAN) | 4064675303558 |

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E345151 |

Dimensions and weights

| | | | |
|------------|----------|-----------------|-------------|
| Depth | 104 mm | Depth (inches) | 4.0945 inch |
| Height | 61 mm | Height (inches) | 2.4016 inch |
| Width | 238 mm | Width (inches) | 9.3701 inch |
| Net weight | 527.12 g | | |

Temperatures

| | | | |
|---------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...85 °C | Operating temperature | -40 °C...55 °C |
| Humidity | 92 % @ 25 °C | | |

Environmental Product Compliance

| | |
|--------------------------------------|--|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c, 7a, 7cl |
| REACH SVHC | Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | cfe9d4bf-2d88-4e4b-aa73-fe200a7615a0 |

General data

| | | | |
|---|--------------------------|-----------------------------------|--|
| Silicone | No | Type of connection | Plug-in round connector with fixed number of poles |
| UL 94 flammability rating | V-0 | Halogen | No |
| Type of mounting | Screw mounting | Nominal voltage | 24 V |
| Protection degree | IP67 | Surge voltage category | II |
| Pollution severity | 2 | Insulation voltage | <500 V (housing/PE) |
| Mounting position, installation notice | Arbitrary | Protection class | II |
| Amplitude of deflection | 1.5 mm (2-9 Hz) | Vibration resistance EN 60721-3-3 | Class 3M3 sinusoidal, stationary |
| Shock resistance EN 60721-3-3 | Class 3M3 portable | Light current | 393 lm |
| Connector cross-section, max. | 2.5 mm ² | Connector cross-section, min. | 0.5 mm ² |
| Altitude | ≤ 3000 m | Short-circuit protection | Yes, internal |
| Light colour (CCT) | Cool White, 6000K, 6000K | Amplitude of acceleration | 5 m/s ² (@ 9-200 Hz) |
| LED operating life | > 50.000 h | Shape of the LED module | Other |
| Efficiency class (according to EU Directive No. 874/2012) | Not required | Luminosity | 6000 cd |
| Peak acceleration, type L | 70 m/s ² | | |

Rated data acc. to IEC 60598-1

| | | | |
|---------------|--------------|------------------------|--------------|
| Power rating | 5 W | Nominal current | 20 mA |
| Input voltage | 20...60 V DC | DC input voltage range | 20...60 V DC |

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Classifications

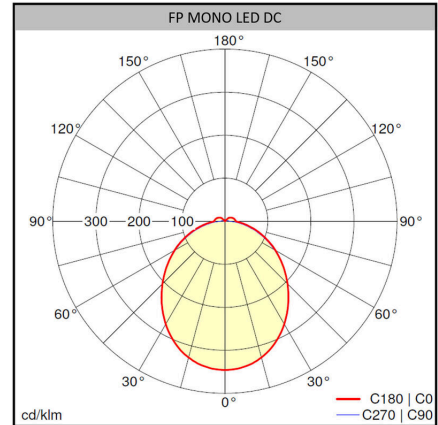
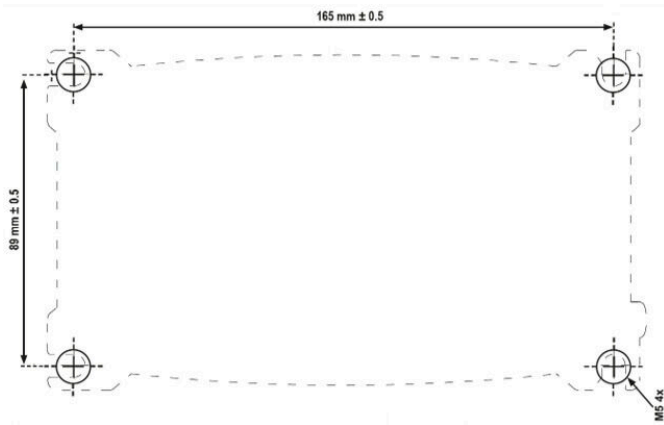
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000996 | ETIM 9.0 | EC000996 |
| ETIM 10.0 | EC000996 | ECLASS 14.0 | 27-11-06-35 |
| ECLASS 15.0 | 27-11-06-35 | | |

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Drawings

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Accessories

RC-distributor



H-distributor:
 The H distributor is equipped with four poles and impresses with its versatility and IP68 protection class.

General ordering data

| | | |
|------------|----------------------------|---------|
| Type | RC D 4/4P | Version |
| Order No. | 2819550000 | |
| GTIN (EAN) | 4064675591290 | |
| Qty. | | |

M20

Protective caps suitable for FieldPower and WIPL family with round connector



General ordering data

| | | |
|------------|----------------------------|---------|
| Type | PC RC F | Version |
| Order No. | 2833850000 | |
| GTIN (EAN) | 4064675591412 | |
| Qty. | | |
| Type | PC RC M | Version |
| Order No. | 2820090000 | |
| GTIN (EAN) | 4064675591405 | |
| Qty. | | |

Plug connector - screw system



The circular connectors with screw system are characterised by their compact design. This allows them to be used in a wide range of applications and industries. They are available both as plugs and sockets.

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Accessories

General ordering data

| | | |
|------------|----------------------------|---------|
| Type | RC F P2 | Version |
| Order No. | 2788990000 | |
| GTIN (EAN) | 4064675591276 | |
| Qty. | | |
| Type | RC M P2 | Version |
| Order No. | 2788980000 | |
| GTIN (EAN) | 4064675591269 | |
| Qty. | | |
| Type | RC F P2 SP | Version |
| Order No. | 2903200000 | |
| GTIN (EAN) | 4099986122376 | |
| Qty. | | |
| Type | RC M P2 SP | Version |
| Order No. | 2903190000 | |
| GTIN (EAN) | 4099986122369 | |
| Qty. | | |