# FP MONO DC RC MF MA SP

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

www.weidmueller.com



## Energy-efficient basic lighting with a long service life

- 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. | 2815480000 |
| Type | FP MONO DC RC MF MA SP |
| GTIN (EAN) | 4064675303565 |

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## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 104 mm | Depth (inches) | 4.094 inch |
| Height | 61 mm | Height (inches) | 2.402 inch |
| Width | 238 mm | Width (inches) | 9.37 inch |
| Net weight | 635 g | | |

### Temperatures

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

### General data

| | | | |
|---|---|---|---|
| Amplitude of acceleration | 5 m/s² (@ 9-200 Hz) | Amplitude of deflection | 1.5 mm (2-9 Hz) |
| Connector cross-section, max. | 2.5 mm² | Connector cross-section, min. | 0.5 mm² |
| Efficiency class (according to EU Directive No. 874/2012) | F | Halogen | No |
| Height | ≤ 3000 m | Insulation voltage | <500 V (housing/PE) |
| LED operating life | > 50.000 h | Light colour (CCT) | Cool White, 6000K |
| Light current | 393 lm | Luminosity | 6,000 cd |
| Mounting position, installation notice | Arbitrary | Peak acceleration, type L | 70 m/s² |
| Pollution severity | 2 | Protection class | II |
| Protection degree | IP67 | Rated voltage | 24 V |
| Shape of the LED module | Other | Shock resistance EN 60721-3-3 | Class 3M3 portable |
| Short-circuit protection | Yes, internal | Silicone | No |
| Surge voltage category | II | Type of connection | Plug-in round connector with fixed number of poles |
| Type of mounting | Magnet | UL 94 flammability rating | V-0 |
| Vibration resistance EN 60721-3-3 | Class 3M3 sinusoidal, stationary | | |

### Rated data acc. to IEC 60598-1

| | | | |
|---|---|---|---|
| DC input voltage range | 20...60 V DC | Input voltage | 20...60 V DC |
| Rated current | 20 mA | | |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC000996 | ETIM 7.0 | EC000996 |
| ETIM 8.0 | EC000996 | ETIM 9.0 | EC000996 |
| ECLASS 9.1 | 27-11-06-35 | ECLASS 10.0 | 27-11-06-35 |
| ECLASS 11.0 | 27-11-06-35 | ECLASS 12.0 | 27-11-06-35 |
| ECLASS 13.0 | 27110635 | | |

### Environmental Product Compliance

| | |
|---|---|
| REACH SVHC | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | 4d250b5c-eac1-4909-8961-91bf1e921213 |

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## Technical data

### Approvals

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

### Downloads

| | |
|---|---|
| Catalogues | Catalogues in PDF-format |

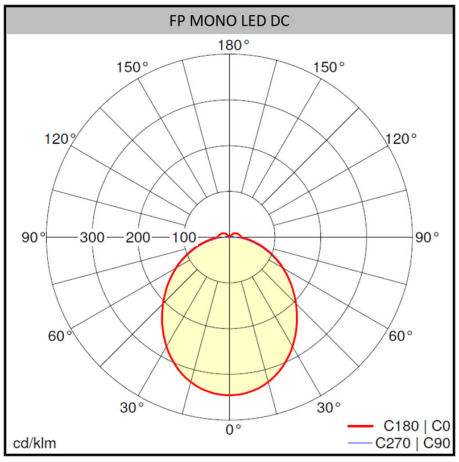
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## Drawings





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## Accessories

### Round connectors



Assembly components suitable for the FieldPower and WIPL family with round connector

### General ordering data

| | |
|---|---|
| Type | RC M P2 M20 SP |
| Order No. | 2860650000 |
| GTIN (EAN) | 4064675576662 |
| Qty. | |

| | |
|---|---|
| Type | RC F P2 M20 SP |
| Order No. | 2860640000 |
| GTIN (EAN) | 4064675576655 |
| Qty. | |

### H-distributor



H-distributor compatible with FieldPower and WIPL family with round connector

### General ordering data

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

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## Accessories

### Protective caps



Protective caps suitable for FieldPower and WIPL family with round connector

### General ordering data

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

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