

**FP MONO K DC RC MF SP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 mm<sup>2</sup>

**General ordering data**

|            |                            |
|------------|----------------------------|
| Order No.  | <a href="#">2815540000</a> |
| Type       | FP MONO K DC RC MF SP      |
| GTIN (EAN) | 4064675303633              |

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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 | 590 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/s <sup>2</sup> (@ 9-200 Hz)  | Amplitude of deflection       | 1.5 mm (2-9 Hz)                                    |
| Connector cross-section, max.                             | 2.5 mm <sup>2</sup>              | Connector cross-section, min. | 0.5 mm <sup>2</sup>                                |
| Efficiency class (according to EU Directive No. 874/2012) | E                                | Halogen                       | No   |
| Height  | ≤ 3000 m                         | Insulation voltage            | <500 V (housing/PE)                                |
| LED operating life  | > 50.000 h                       | Light colour (CCT)            | Cool White, 6000K, 6000K                           |
| Light current   | 454 lm                           | Luminosity                    | 3.000 cd   |
| Mounting position, installation notice                    | Arbitrary                        | Peak acceleration, type L     | 70 m/s <sup>2</sup>                                |
| 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  | Screw mounting                   | UL 94 flammability rating     | V-0  |
| Vibration resistance EN 60721-3-3                         | Class 3M3 sinusoidal, stationary |                               |  |

## Rated data acc. to IEC 60598-1

|               |              |              |     |
|---------------|--------------|--------------|-----|
| Input voltage | 20...60 V DC | Power rating | 5 W |
| 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 | 27-11-06-35 |             |             |

## Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP       | cfe9d4bf-2d88-4e4b-aa73-fe200a7615a0                          |

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## Technical data

## Approvals

Approvals



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

## Downloads

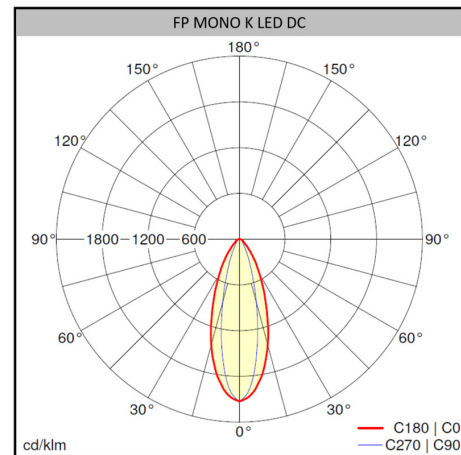
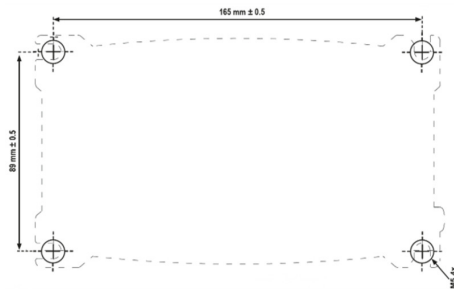
|            |  |
|------------|--|
| Catalogues | <a href="#">Catalogues in PDF-format</a> |
|------------|--|

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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****DC connectors**

DC connector:

The circular connectors of the DC family 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 male and female connectors.

**General ordering data**

|            |                            |
|------------|----------------------------|
| Type       | RC F P2 M20 SP             |
| Order No.  | <a href="#">2860640000</a> |
| GTIN (EAN) | 4064675576655              |
| Qty.       |                            |

|            |                            |
|------------|----------------------------|
| Type       | RC M P2 M20 SP             |
| Order No.  | <a href="#">2860650000</a> |
| GTIN (EAN) | 4064675576662              |
| Qty.       |                            |

**M20**

Protective caps suitable for FieldPower and WIPL family with round connector

**General ordering data**

|            |                            |
|------------|----------------------------|
| Type       | PC RC M                    |
| Order No.  | <a href="#">2820090000</a> |
| GTIN (EAN) | 4064675591405              |
| Qty.       |                            |

|            |                            |
|------------|----------------------------|
| Type       | PC RC F                    |
| Order No.  | <a href="#">2833850000</a> |
| GTIN (EAN) | 4064675591412              |
| Qty.       |                            |

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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                  |
| Order No.  | <a href="#">2819550000</a> |
| GTIN (EAN) | 4064675591290              |
| Qty.       |                            |