

FP MONO K 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.	2815550000
Type	FP MONO K DC RC MF MA SP
GTIN (EAN)	4064675303640

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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	636 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 ² (@ 9-200 Hz)	Amplitude of deflection	1.5 mm (2-9 Hz)
Connector cross-section, max.	2.5 mm ²	Connector cross-section, min.	0.5 mm ²
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
Light current	454 lm	Luminosity	3,000 cd
Mounting position, installation notice	Arbitrary	Peak acceleration, type L	70 m/s ²
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

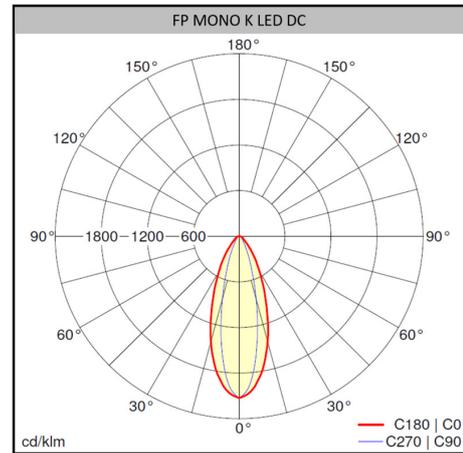
Catalogues [Catalogues in PDF-format](#)

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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 F P2 M20 SP
Order No.	2860640000
GTIN (EAN)	4064675576655
Qty.	

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

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.	

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Accessories**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.	