

FP DUO DC RC MF MA 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.	2815570000
Type	FP DUO DC RC MF MA SP
GTIN (EAN)	4064675303664

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Technical data

Approvals

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ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E345151

Dimensions and weights

Depth	104 mm	Depth (inches)	4.0945 inch
Height	121 mm	Height (inches)	4.7638 inch
Width	238 mm	Width (inches)	9.3701 inch
Net weight	665 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	4d250b5c-eac1-4909-8961-91bf1e921213

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	Magnet	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	496 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	Light current (in total in both directions)	496 lm
Shape of the LED module	Other	Efficiency class (according to EU Directive No. 874/2012)	Not required
Luminosity	5000 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

Technical data

Classifications

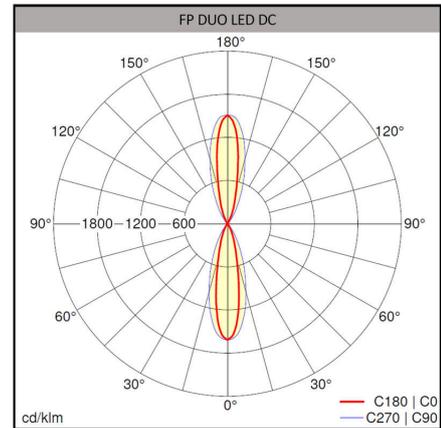
ETIM 8.0	EC000996	ETIM 9.0	EC000996
ETIM 10.0	EC000996	ECLASS 14.0	27-11-06-35
ECLASS 15.0	27-11-06-35		

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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.		