

WIPL 20W DC RC M MA**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 (21.5 V...60 VDC)
- high fire protection classification V0
- Beam direction to one side
- 20W Power

Versions

- Pluggable with round connector

General ordering data

Order No.	2820610000
Type	WIPL 20W DC RC M MA
GTIN (EAN)	4064675357094

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Technical data

Approvals

Approvals



ROHS Conform
UL File Number Search [UL Website](#)
Certificate no. (cULus) E345151

Dimensions and weights

Depth	105 mm	Depth (inches)	4.1338 inch
Height	44 mm	Height (inches)	1.7323 inch
Width	250 mm	Width (inches)	9.8425 inch
Length	250 mm	Length (inches)	9.8425 inch
Net weight	750 g		

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...55 °C
Humidity	5...95 %, no condensation		

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	27e86d18-c41d-4565-b758-0d85dd7b9596

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	III
Circuit breaker	<10 A	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	2000 lm	Connector cross-section, max.	2.5 mm ²
Connector cross-section, min.	0.5 mm ²	Altitude	≤ 3000 m
Pre-assembled connector cross-section	2.5 mm ²	Short-circuit protection	Yes, internal
Light colour (CCT)	5700K	Amplitude of acceleration	50 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	Peak acceleration, type L	70 m/s ²

Rated data acc. to IEC 60598-1

Power rating	20 W	Nominal current	420 mA
DC input voltage range	21.5...60 V DC		

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Classifications

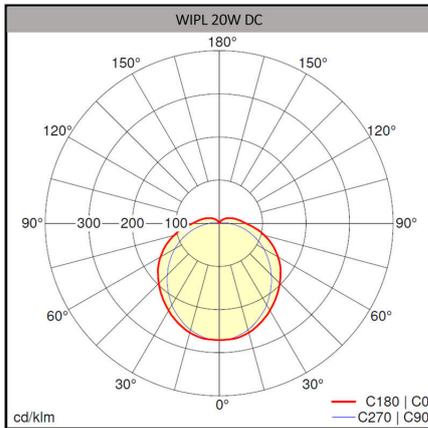
ETIM 8.0	EC000996	ETIM 9.0	EC000996
ETIM 10.0	EC000996	ECLASS 14.0	27-11-06-35
ECLASS 15.0	27-11-06-35		

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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.		