

Traffic Lights / LED Light / LED Traffic Light 890

LED Perm. Beacon BWM 115-230VAC RD



Part No.: 890.120.68



Length 154 mm Height 168 mm Diameter 150 mm Materials PC PC/ABS Dome colour Clear Housing colour Grey Protection category IP65 Connection Spring-type terminal cross-sectional area minimum 0,50mm² / 20AWG cross-sectional area maximum 1,50mm² / 16AWG Cable entry Screwed cable gland Cable entry minimum d = 5 mm d = 6 mm	MECHANICAL DATA	
Diameter 150 mm Materials PC PC/ABS Dome colour Clear Housing colour Grey Protection category IP65 Connection Spring-type terminal cross-sectional area minimum 0,50mm² / 20AWG cross-sectional area maximum 1,50mm² / 16AWG Cable entry Screwed cable gland Cable entry minimum d = 5 mm	Length	154 mm
Materials PC PC/ABS Dome colour Clear Housing colour Protection category Connection Cross-sectional area minimum Cross-sectional area maximum Cable entry Cable entry minimum PC PC/ABS PC PC/ABS PC PC/ABS A PC PC PC/ABS Srey Grey IP65 Spring-type terminal 0,50mm² / 20AWG Cross-sectional area maximum 1,50mm² / 16AWG Screwed cable gland Cable entry minimum Description Cable 9 mm	Height	168 mm
PC/ABS Dome colour Housing colour Protection category Connection Cross-sectional area minimum Cross-sectional area maximum Cable entry Cable entry minimum PC/ABS Clear Grey Protection Spring-type terminal 0,50mm² / 20AWG 1,50mm² / 16AWG Screwed cable gland Cable entry minimum d = 5 mm	Diameter	150 mm
Housing colour Protection category Connection Connection Cross-sectional area minimum Cross-sectional area maximum Cable entry Cable entry Cable entry minimum Grey IP65 Spring-type terminal 0,50mm² / 20AWG 1,50mm² / 16AWG Screwed cable gland d = 5 mm	Materials	. •
Protection category IP65 Connection Spring-type terminal cross-sectional area minimum 0,50mm² / 20AWG cross-sectional area maximum 1,50mm² / 16AWG Cable entry Screwed cable gland Cable entry minimum d = 5 mm	Dome colour	Clear
Connection Spring-type terminal cross-sectional area minimum 0,50mm² / 20AWG cross-sectional area maximum 1,50mm² / 16AWG Cable entry Screwed cable gland Cable entry minimum d = 5 mm	Housing colour	Grey
cross-sectional area minimum 0,50mm² / 20AWG cross-sectional area maximum 1,50mm² / 16AWG Cable entry Screwed cable gland Cable entry minimum d = 5 mm	Protection category	IP65
cross-sectional area maximum 1,50mm² / 16AWG Cable entry Screwed cable gland Cable entry minimum d = 5 mm	Connection	Spring-type terminal
Cable entry Cable entry minimum Screwed cable gland d = 5 mm	cross-sectional area minimum	0,50mm ² / 20AWG
Cable entry minimum d = 5 mm	cross-sectional area maximum	1,50mm ² / 16AWG
	Cable entry	Screwed cable gland
	Cable entry minimum	<u> </u>
Cable entry maximum $d = 12 \text{ mm}$ d = 7 mm	Cable entry maximum	
Tension relief Present (conforms to VDE)	Tension relief	Present (conforms to VDE)
Type of fixing Base mounting Wall mounting	Type of fixing	
Working temperature minimum -30°C	Working temperature minimum	-30°C
Working temperature maximum +50°C	Working temperature maximum	+50°C
Weight with packaging 548 g	Weight with packaging	548 g
Product weight 476 g	Product weight	476 g

ELECTRICAL DATA	
Operating voltage	115-230V
Operating voltage type	AC
Operating voltage frequency	50Hz at 230V 60Hz at 115V
Operating voltage tolerance	+/- 10%
Rated operational voltage	230 VAC
Rated operational current	35 mA
Rated inrush current	300 mA
Protection class	Protection class 2
Pollution degree	3
Overvoltage category	II
Isolation voltage	Ui = 250V; Uimp = 2.500V

OPTICAL DATA	
Light source	LED

For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.



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Light colour	Red
Optical signal image	Permanent
Service life optical	50,000 h maximum

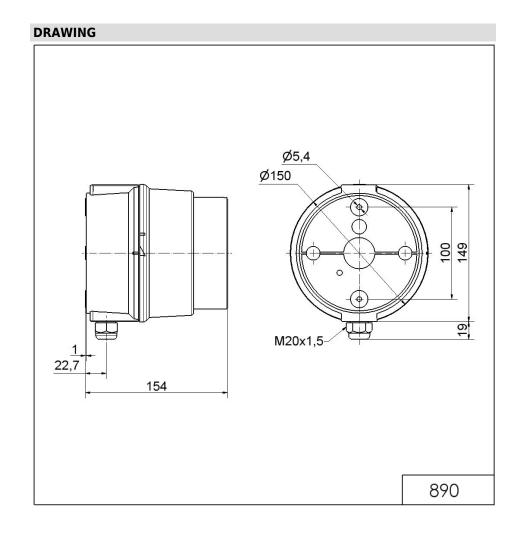
APPROVAL DATA	
Conforms with CE	Yes
Conforms with RoHS directive	Yes
WEEE	Yes
Conforms with ATEX-directive	No
Conforms with CCC	Yes
Conforms with UL	No
Conforms with FCC	No
Conforms with IC	No
EAC certificate available	Yes
Conforms with UKCA (Importer)	Yes (WERMA (UK) Ltd.)
Conforms with AS-I	No
ICAO Certification	No
Conforms with DNV	No
Conforms with RoHS CN	No
Conforms with VdS	No

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