

# Traffic Lights / LED Light / LED Traffic Light 890

# LED Perm. Beacon BWM 12-24VDC GN



Part No.: 890.220.55



Length Height 168 mm Diameter 150 mm Materials PC PC/ABS Dome colour Housing colour Protection category Protection Connection Cross-sectional area minimum Cable entry Cable entry maximum Tension relief Type of fixing Working temperature minimum Working temperature maximum PC 168 mm Hos 170 mm Hos 2 mm Hos 2 mm Hos 2 mm Hos 3 monthing Wall mounting Working temperature maximum Working temperature maximum Hos 2 mm Hos 2 mm Hos 3 monthing Wall mounting Working temperature minimum Hos 2 mm Hos 2 mm Hos 3 monthing Wall mounting Working temperature minimum Hos 2 mm Hos 3 monthing Wall mounting Working temperature maximum Hos 2 mm Hos 3 mm Hos 4 mm Hos	MECHANICAL DATA	
Diameter  Materials  PC PC/ABS  Dome colour  Housing colour  Protection category  Connection  Cross-sectional area minimum  Cross-sectional area maximum  Cable entry  Cable entry minimum  Cable entry maximum  Cable entr	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  Cable entry maximum  A = 12 mm  A = 7 mm  Tension relief  Present (conforms to VDE)  Type of fixing  Base mounting  Wall mounting  Working temperature minimum  -30°C  Working temperature maximum  +50°C  Weight with packaging  547 g	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  Cable entry maximum  Cable entry m	Diameter	150 mm
Housing colour  Protection category  Connection  Cross-sectional area minimum  Cable entry minimum  Cable entry maximum  Cable entry ma	Materials	. •
Protection category 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  Cable entry maximum d = 12 mm d = 7 mm  Tension relief Present (conforms to VDE)  Type of fixing Base mounting Wall mounting Working temperature minimum -30°C Working temperature maximum +50°C Weight with packaging 547 g	Dome colour	Clear
Connection  Connection  Cross-sectional area minimum  Cross-sectional area maximum  Cable entry  Cable entry minimum  Cable entry maximum  Cable entry maxim	Housing colour	Grey
cross-sectional area minimum  cross-sectional area maximum  1,50mm² / 16AWG  Cable entry  Screwed cable gland  d = 5 mm d = 6 mm  Cable entry maximum  d = 12 mm d = 7 mm  Tension relief  Present (conforms to VDE)  Type of fixing  Base mounting Wall mounting  Working temperature minimum  Working temperature maximum  +50°C  Weight with packaging  547 g	Protection category	IP65
cross-sectional area maximum  Cable entry  Cable entry minimum  Cable entry minimum  Cable entry maximum  Cable entry maximum  Cable entry maximum  d = 12 mm d = 7 mm  Tension relief  Present (conforms to VDE)  Type of fixing  Base mounting Wall mounting  Working temperature minimum  -30°C  Working temperature maximum  +50°C  Weight with packaging  547 g	Connection	Spring-type terminal
Cable entry Cable entry minimum  d = 5 mm d = 6 mm  Cable entry maximum  d = 12 mm d = 7 mm  Tension relief  Present (conforms to VDE)  Type of fixing  Base mounting Wall mounting  Working temperature minimum  -30°C  Working temperature maximum  +50°C  Weight with packaging  Screwed cable gland  d = 5 mm d = 7 mm  -7 mm  -	cross-sectional area minimum	0,50mm <sup>2</sup> / 20AWG
Cable entry minimum $d = 5 \text{ mm}$ $d = 6 \text{ mm}$ Cable entry maximum $d = 12 \text{ mm}$ $d = 7 \text{ mm}$ Tension relief Present (conforms to VDE)  Type of fixing Base mounting Wall mounting  Working temperature minimum -30°C  Working temperature maximum +50°C  Weight with packaging 547 g	cross-sectional area maximum	1,50mm <sup>2</sup> / 16AWG
d = 6 mm  Cable entry maximum  d = 12 mm d = 7 mm  Tension relief  Present (conforms to VDE)  Type of fixing  Base mounting Wall mounting  Working temperature minimum  -30°C  Working temperature maximum  +50°C  Weight with packaging  547 g	Cable entry	Screwed cable gland
d = 7 mm  Tension relief Present (conforms to VDE)  Type of fixing Base mounting Wall mounting  Working temperature minimum -30°C  Working temperature maximum +50°C  Weight with packaging 547 g	Cable entry minimum	<u> </u>
Type of fixing  Base mounting Wall mounting  Working temperature minimum  -30°C  Working temperature maximum  +50°C  Weight with packaging  547 g	Cable entry maximum	
Wall mounting  Working temperature minimum -30°C  Working temperature maximum +50°C  Weight with packaging 547 g	Tension relief	Present (conforms to VDE)
Working temperature maximum +50°C Weight with packaging 547 g	Type of fixing	
Weight with packaging 547 g	Working temperature minimum	-30°C
	Working temperature maximum	+50°C
Product weight 479 g	Weight with packaging	547 g
	Product weight	479 g

ELECTRICAL DATA	
Operating voltage	12-24V
Operating voltage type	DC
Operating voltage tolerance	+/- 10%
Rated operational voltage	24 VDC
Rated operational current	260 mA
Rated inrush current	2.500 mA
Protection class	Protection class 2
Pollution degree	3

OPTICAL DATA	
Light source	LED
Light colour	Green
Optical signal image	Permanent
Service life optical	50,000 h maximum

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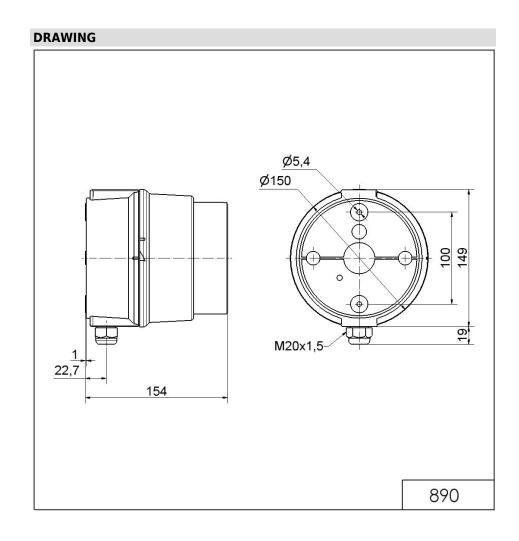
APPROVAL DATA		
Conforms with CE	Yes	
Conforms with RoHS directive	Yes	
WEEE	Yes	
Conforms with ATEX-directive	No	
Conforms with CCC	No	
Conforms with UL	No	
Conforms with FCC	No	
Conforms with IC	No	
EAC certificate available	Yes	
Conforms with UKCA (Importer)	Yes (WERMA (UK) Ltd.)	
Conforms with AS-I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

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