## Monitorable Beacons / Monitored LED Permanent Beacon 829 Monitored LED Perm. Beacon BM 24VDC YE



MECHANICAL DATAHeight137 mmDiameter98 mmMaterialsPCPC/ABSDome colourYellowHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated operational voltage24 VDCRated operational voltage24 VDCRated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight sourceLEDLight sourceLEDLight sourceLEDLight colourYellowOptical signal imagePermanentService life optical50,000 h maximum	Part No.: 829.370.55	
Diameter98 mmMaterialsPC PC/ABSDome colourYellowHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage tolerance+/- 10%Rated operational outrage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight sourceLEDLight sourceKellowOptical signal imagePermanent	MECHANICAL DATA	
Diameter98 mmMaterialsPC PC/ABSDome colourYellowHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry maximumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage toleranceAted operational voltage24 VDCRated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourYellowOptical signal imagePermanent	Height	137 mm
PC/ABSDome colourYellowHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATADCOperating voltage24VOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated inrush current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Coptical signal imagePermanent	-	98 mm
Dome colourYellowHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Coptical signal imagePermanent	Materials	PC
Housing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage toleranceProtectional voltage24 VOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Coptical signal imagePermanent		PC/ABS
Protection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage typeDCOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational current150 mARated operational current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight sourceLEDLight colourYellowOptical signal imagePermanent	Dome colour	Yellow
ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Wall mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage24VOperating voltage tolerance+/- 10%Rated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourYellowOptical signal imagePermanent	Housing colour	Black
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Cable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWorking temperature maximum+60°CWorking temperature maximum169 gELECTRICAL DATADCOperating voltage24VOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight sourceLEDLight colourYellowOptical signal imagePermanent	cross-sectional area minimum	0,50mm² / 20AWG
Cable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage24VOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight sourceLEDLight colourYellowOptical signal imagePermanent	cross-sectional area maximum	1,50mm² / 16AWG
Cable entry maximumd = 7 mmCable entry maximumd = 7 mmType of fixingBase mounting Tube mounting Wall mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage24VOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourYellowOptical signal imagePermanent	Cable entry	Rubber pinch
Type of fixingBase mounting Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourYellowOptical signal imagePermanent	Cable entry minimum	d = 5 mm
Tube mounting Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourYellowOptical signal imagePermanent	Cable entry maximum	d = 7 mm
Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational voltage24 VDCRated inrush current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourYellowOptical signal imagePermanent	Type of fixing	Base mounting
Working temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourYellowOptical signal imagePermanent		
Weight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourYellowOptical signal imagePermanent	Working temperature minimum	0°C
Product weight169 gELECTRICAL DATAOperating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourYellowOptical signal imagePermanent	Working temperature maximum	+50°C
Between and the series of the	Weight with packaging	264 g
Operating voltage24VOperating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourYellowOptical signal imagePermanent	Product weight	169 g
Operating voltage typeDCOperating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourYellowOptical signal imagePermanent	ELECTRICAL DATA	
Operating voltage tolerance+/- 10%Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourYellowOptical signal imagePermanent	Operating voltage	24V
Rated operational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourYellowOptical signal imagePermanent	Operating voltage type	DC
Rated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourYellowOptical signal imagePermanent	Operating voltage tolerance	+/- 10%
Rated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourYellowOptical signal imagePermanent	Rated operational voltage	24 VDC
Protection classProtection class 2Pollution degree3OPTICAL DATALight sourceLEDLight colourYellowOptical signal imagePermanent	Rated operational current	150 mA
Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourYellowOptical signal imagePermanent	Rated inrush current	500 mA
OPTICAL DATA Light source LED Light colour Yellow Optical signal image Permanent	Protection class	Protection class 2
Light sourceLEDLight colourYellowOptical signal imagePermanent	Pollution degree	3
Light colour Yellow Optical signal image Permanent	OPTICAL DATA	
Optical signal image Permanent	Light source	LED
	Light colour	Yellow
Service life optical 50,000 h maximum	Optical signal image	Permanent
	Service life optical	50,000 h maximum
APPROVAL DATA	APPROVAL DATA	
Conforms with CE Yes	Conforms with CE	Yes
Conforms with RoHS directive Yes	Conforms with RoHS directive	Yes

Pror 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.

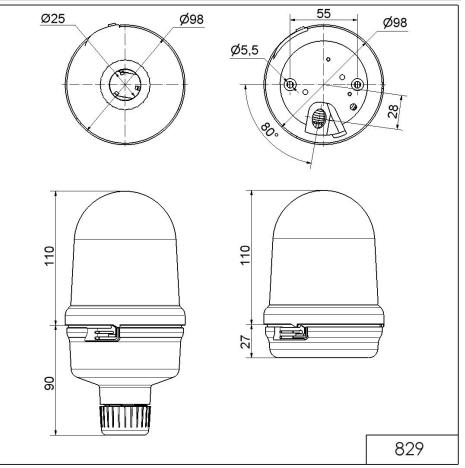
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## Monitorable Beacons / Monitored LED Permanent Beacon 829 Monitored LED Perm. Beacon BM 24VDC YE

WEEE	Yes
Conforms with ATEX-directive	No
Conforms with CCC	No
Conforms with UL	cULus
UL Type Rating	Туре 12
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

## DRAWING



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