## Midi free-standing Beacons / LED Rotating Beacon 829 LED Rotat. Beacon BM 115-230VAC BU

Part No.: 829.510.68



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Height137 mmDiameter98 mmMaterialsPC PC/ABSDome colourBlueHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging274 gProduct weight234 gELECTRICAL DATASOHZ at 230V 60Hz at 115VOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage frequency50Hz at 230V 60Hz at 115VOperational voltage230 VACRated operational voltage3Overvoltage colerance+/- 10% 8Rated operational current300 mARated operational current300 mARated operational current300 mARated operational current300 mASolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATAUi = 250V; Uimp = 2.500VOptical signal imageRevolvingService life optical50,000 h maximum	Part No.: 029.910.00	
Diameter98 mmMaterialsPC PC/ABSDome colourBlueHousing 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 mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging274 gProduct weight234 gELECTRICAL DATAOperating voltage frequency 60Hz at 115VOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational current300 mARated operational current300 mARated inrush current500 maProtection classProtection class 2Pollution degree3Overvoltage categoryIIIIIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATAIEDLight sourceLEDLight sourceLEDLight sourceIEDLight sourceIEDLight sourceService life opticalSon00 h maximumSon00 h maximum	MECHANICAL DATA	
Diameter98 mmMaterialsPC PC/ABSDome colourBlueHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging274 gProduct weight234 gELECTRICAL DATAOperating voltage frequency 60Hz at 115VOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10% Rated operational voltageRated operational current300 mARated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIILight sourceLEDLight sourceLEDLight sourceLEDLight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Height	137 mm
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Housing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmCable entry maximumd = 7 mmCable entry maximum-20°CWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging274 gProduct weight234 gELECTRICAL DATA115-230VOperating voltage typeACOperating voltage tolerance+/- 10%Rated operational outrage230 VACRated operational outrage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIlsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALEDLight sourceLEDLight sourceLEDLight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Materials	
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ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging274 gProduct weight234 gELECTRICAL DATA	Housing colour	Black
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cross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmCable entry maximumd = 7 mmCable entry maximum-20°CWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging274 gProduct weight234 gELECTRICAL DATAOperating voltage115-230VOperating voltage trequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational voltage300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageLEDLight sourceLEDLight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Connection	Screw terminals
Cable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging274 gProduct weight234 gELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIlsolation voltageLEDLight sourceLEDLight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	cross-sectional area minimum	0,50mm² / 20AWG
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Cable entry maximumd = 7 mmType of fixingBase mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging274 gProduct weight234 gELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageLEDLight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Cable entry	Rubber pinch
Type of fixingBase mountingWorking temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging274 gProduct weight234 gELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational voltage300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageLEDLight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Cable entry minimum	d = 5 mm
Working temperature minimum-20°CWorking temperature maximum+50°CWeight with packaging274 gProduct weight234 gELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIlsolation voltageLEDLight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Cable entry maximum	d = 7 mm
Working temperature maximum+50°CWeight with packaging274 gProduct weight234 gELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageLEDLight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Type of fixing	Base mounting
Weight with packaging274 gProduct weight234 gELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageLEDLight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Working temperature minimum	-20°C
Product weight234 gELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Working temperature maximum	+50°C
ELECTRICAL DATAOperating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Weight with packaging	274 g
Operating voltage115-230VOperating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageLEDLight sourceLEDLight colourBlueOptical signal imageS0,000 h maximum	Product weight	234 g
Operating voltage typeACOperating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	ELECTRICAL DATA	
Operating voltage frequency50Hz at 230V 60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Operating voltage	115-230V
60Hz at 115VOperating voltage tolerance+/- 10%Rated operational voltage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Operating voltage type	AC
Rated operational voltage230 VACRated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Operating voltage frequency	
Rated operational current300 mARated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Operating voltage tolerance	+/- 10%
Rated inrush current500 mAProtection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Rated operational voltage	230 VAC
Protection classProtection class 2Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Rated operational current	300 mA
Pollution degree3Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Rated inrush current	500 mA
Overvoltage categoryIIIsolation voltageUi = 250V; Uimp = 2.500VOPTICAL DATALight sourceLight sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Protection class	Protection class 2
Isolation voltage Ui = 250V; Uimp = 2.500V OPTICAL DATA Light source LED Light colour Blue Optical signal image Revolving Service life optical 50,000 h maximum	Pollution degree	3
OPTICAL DATA Light source LED Light colour Blue Optical signal image Revolving Service life optical 50,000 h maximum	Overvoltage category	II
Light sourceLEDLight colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Isolation voltage	Ui = 250V; Uimp = 2.500V
Light colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	OPTICAL DATA	
Light colourBlueOptical signal imageRevolvingService life optical50,000 h maximum	Light source	LED
Optical signal imageRevolvingService life optical50,000 h maximum	Light colour	Blue
Service life optical 50,000 h maximum	Optical signal image	Revolving
•	Service life optical	50,000 h maximum
	Rotation speed (rpm)	

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.

## Midi free-standing Beacons / LED Rotating Beacon 829 LED Rotat. Beacon BM 115-230VAC BU

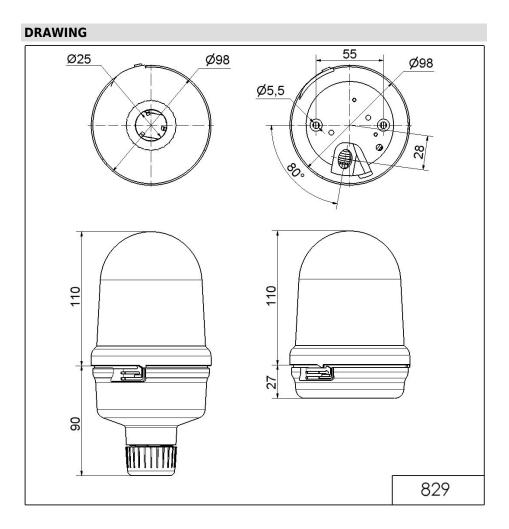
## **APPROVAL DATA**

Conforms with CE	Yes
Conforms with RoHS directive	Yes
WEEE	Yes
Conforms with ATEX-directive	No
Conforms with CCC	Yes
Conforms with UL	cULus
UL Type Rating	Type 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

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