## 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<br>Tube mounting<br>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<br>PC/ABSDome colourYellowHousing colourBlackProtection categoryIP65ConnectionScrew terminalscross-sectional area minimum0,50mm² / 20AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting<br>Tube mounting<br>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<br>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<br>Tube mounting<br>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<br>Tube mounting<br>Wall mounting<br>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<br>Tube mounting<br>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<br>Tube mounting<br>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<br>Tube mounting<br>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<br>Wall mounting<br>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              |
| cross-sectional area minimum0,50mm² / 20AWGcross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmCable entry maximumd = 7 mmType of fixingBase mounting<br>Tube mounting<br>Wall mountingWorking temperature minimum0°CWorking temperature maximum+50°CWeight with packaging264 gProduct weight169 gELECTRICAL DATAOperating voltage toperational voltageQuerational voltage24 VDCRated operational current150 mARated inrush current500 mAProtection classProtection class 2Pollution degree3OPTICAL DATALEDLight sourceLEDLight colourYellowOptical signal imagePermanent   | Protection category          | IP65               |
| cross-sectional area maximum1,50mm² / 16AWGCable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting<br>Tube mounting<br>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 sourceKeDLight colourYellowOptical signal imagePermanent  | Connection                   | Screw terminals    |
| Cable entryRubber pinchCable entry minimumd = 5 mmCable entry maximumd = 7 mmType of fixingBase mounting<br>Tube mounting<br>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<br>Tube mounting<br>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<br>Tube mounting<br>Wall mounting<br>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<br>Tube mounting<br>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<br>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<br>Light source LED<br>Light colour Yellow<br>Optical signal image Permanent   | Protection class             | Protection class 2 |
| Light sourceLEDLight colourYellowOptical signal imagePermanent  | Pollution degree             | 3                  |
| Light colour Yellow<br>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.

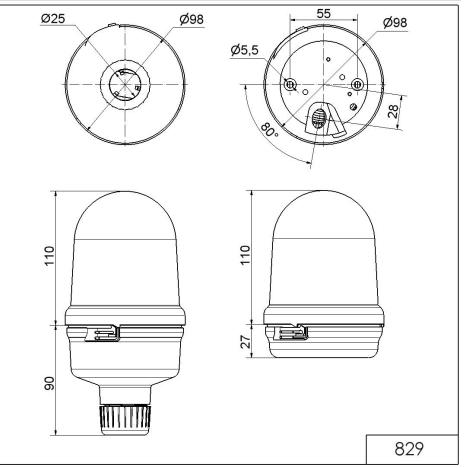
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## Monitorable Beacons / Monitored LED Permanent Beacon 829 Monitored LED Perm. Beacon BM 24VDC YE

| 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



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.