# Techn. datasheet

**WERMA**®

## Mini free-standing Beacons / LED-Permanent Light 221

# LED Perm. Beacon BM 230VAC RD

**Part No.: 221.100.68**

| MECHANICAL DATA | |
|---|---|
| Height | 79 mm |
| Diameter | 75 mm |
| Materials | PA-GF<br>PC<br>PC/ABS |
| Dome colour | Red |
| Housing colour | Black |
| Protection category | IP65 |
| Connection | Spring-type terminal |
| cross-sectional area maximum | 2,50mm² / 14AWG |
| Cable entry | Through hole |
| Cable entry maximum | d = 10 mm |
| Tension relief | Present (conforms to VDE) |
| Type of fixing | Base mounting |
| Working temperature minimum | -20°C |
| Working temperature maximum | +50°C |
| Weight with packaging | 132 g |
| Product weight | 107 g |

| ELECTRICAL DATA | |
|---|---|
| Operating voltage | 230V |
| Operating voltage type | AC |
| Operating voltage frequency | 50Hz |
| Operating voltage tolerance | +/- 10% |
| Rated operational voltage | 230 VAC |
| Rated operational current | 25 mA |
| Rated inrush current | 500 mA |
| Protection class | Protection class 2 |
| Pollution degree | 3 |
| Overvoltage category | II |
| Isolation voltage | Ui = 250V; Uimp = 2.500V |

| OPTICAL DATA | |
|---|---|
| Light source | LED |
| Light colour | Red |
| Optical signal image | Permanent |
| Service life optical | 100,000 h maximum |

| APPROVAL DATA | |
|---|---|
| Conforms with CE | Yes |

! 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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| | |
|---|---|
| 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 |

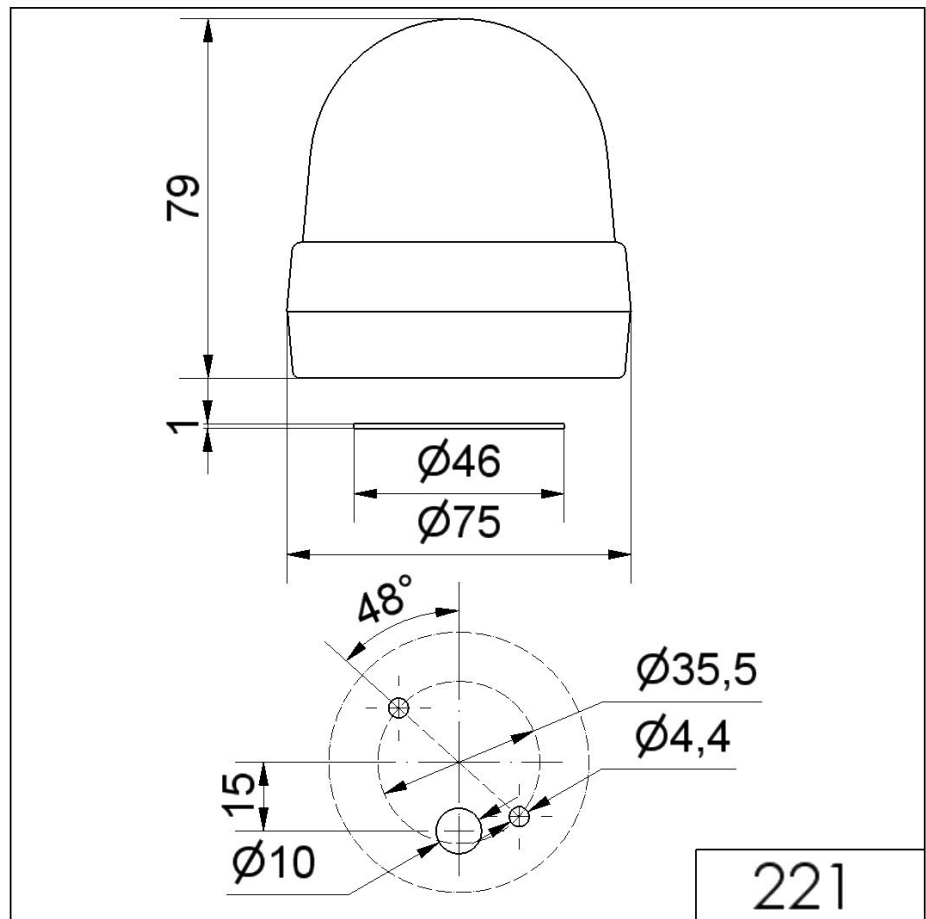! For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

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**DRAWING**

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