## Midi / LED/Flash/EVS/Multi-t. sounder 431 LED Siren BM 32 tne 115-230VAC CL



!

Part No.: 431.400.60



## **MECHANICAL DATA**

| MECHANICAL DATA              |                              |
|------------------------------|------------------------------|
| Height                       | 171 mm                       |
| Diameter                     | 146 mm                       |
| Materials                    | PC<br>PC/ABS                 |
| Dome colour                  | Clear                        |
| Housing colour               | Black                        |
| Protection category          | IP65                         |
| Connection                   | Screw terminals              |
| cross-sectional area maximum | 1,50mm² / 16AWG              |
| Cable entry                  | Membrane grommet             |
| Cable entry minimum          | d = 1 mm                     |
| Cable entry maximum          | d = 13 mm                    |
| Tension relief               | Present (conforms to VDE)    |
| Type of fixing               | Base mounting                |
| Working temperature minimum  | -30°C                        |
| Working temperature maximum  | +50°C                        |
| Weight with packaging        | 645 g                        |
| Product weight               | 502 g                        |
| ELECTRICAL DATA              |                              |
| Operating voltage            | 115-230V                     |
| Operating voltage type       | AC                           |
| Operating voltage frequency  | 50Hz at 230V<br>60Hz at 115V |
| Operating voltage tolerance  | +/- 10%                      |
| Rated operational voltage    | 230 VAC                      |
| Rated operational current    | 155 mA                       |
| Rated inrush current         | 400 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                 | White                        |
| Optical signal image         | EVS<br>Flash<br>Permanent    |
| Service life optical         | 50,000 h maximum             |
|                              |                              |

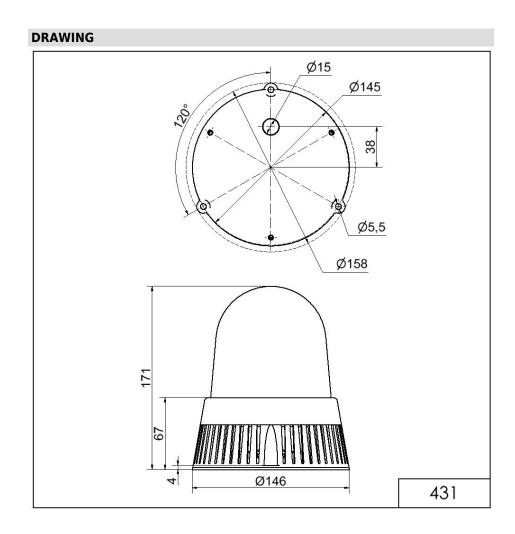
For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

## Midi / LED/Flash/EVS/Multi-t. sounder 431 LED Siren BM 32 tne 115-230VAC CL

| ACOUSTIC DATA                 |                       |
|-------------------------------|-----------------------|
| Volume (max) at 1m distance   | 108,0 dB (A)          |
| Acoustic signal image         | Multi-tone            |
| Number of tones               | 32 tone               |
| Acoustic service life         | 5,000 h minimum       |
| 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              | 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 CMIM            | No                    |
| Conforms with AS-I            | No                    |
| ICAO Certification            | No                    |
| Conforms with DNV             | No                    |
| Conforms with RoHS CN         | No                    |
| Conforms with VdS             | No                    |

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.

## Midi / LED/Flash/EVS/Multi-t. sounder 431 LED Siren BM 32 tne 115-230VAC CL



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.