

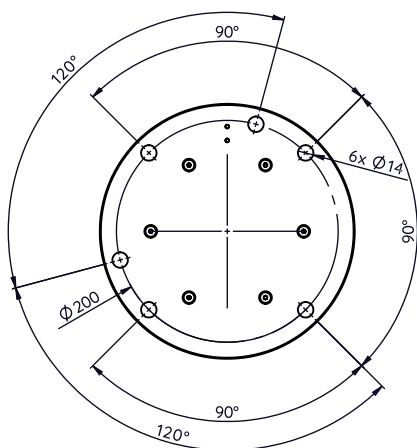
# NGLIGHTS

## NG-BL-100-LTE

GPS-Synchronized Lateral Mark

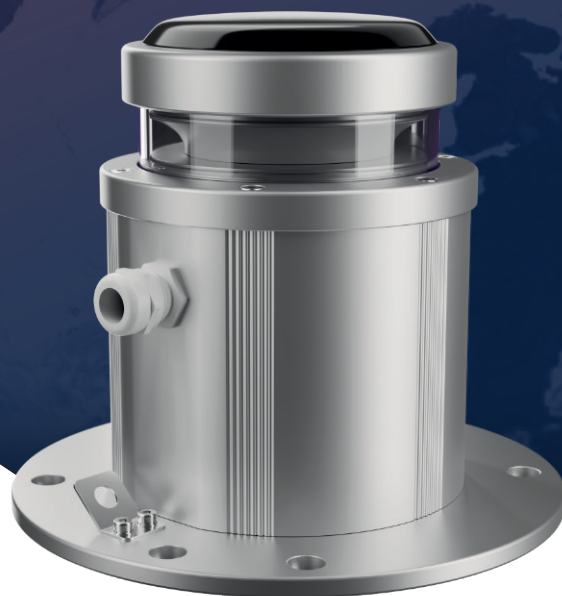
The NG-BL-100-LTE is a modern GPS-synchronized lateral mark with an integrated charge controller utilizing MPPT technology. Four standard colors and light profiles can be easily selected using physical switches without the need for additional equipment.

- ✓ LTE-M configuration and diagnostics
- ✓ GPS positioning and GPS synchronization as standard
- ✓ Four standard colors in a single device
- ✓ Extremely low power consumption
- ✓ Light programs and light output can be selected using mechanical switches without opening the device.
- ✓ Three independent daylight sensors with stepless adjustment



### Charge controller

- ✓ Remote diagnostics and configuration
- ✓ MPPT technology
- ✓ Automatic load disconnection
- ✓ Stepless adjustment of charging parameters
- ✓ Extremely low power consumption

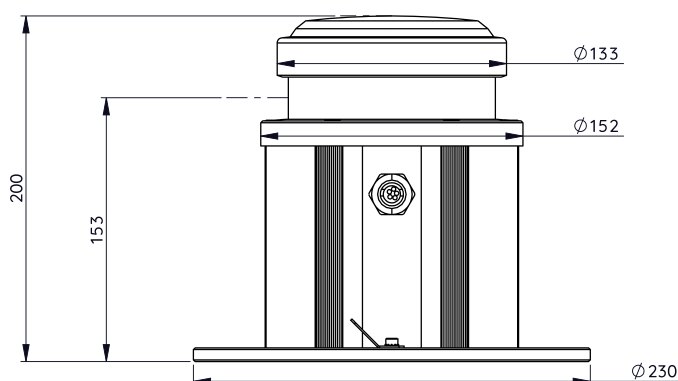


### LATERAL MARK

|                         |                      |
|-------------------------|----------------------|
| Body material           | Aluminum             |
| Operating voltage range | 8-32 V               |
| Light source            | High-efficiency LEDs |
| Weight                  | approx. 4.5 kg       |
| Operating temperature   | -40°C - 60°C *a      |
| Power consumption       | Light source max 4 W |
| Beam angle              | 10°                  |
| Enclosure rating        | IP68                 |
| Range                   | 8 NM                 |

\*a) Charge controller limits charging power at extreme temperatures

Max 10 W   **360 cd**   **600 cd**   **360 cd**   **600 cd**



### CHARGE CONTROLLER

|                                 |              |
|---------------------------------|--------------|
| Battery chemistry               | Lead or NiCd |
| Max charging voltage            | 32 V         |
| Nominal voltage of solar panels | 12 - 24 V    |
| Charging current                | 8 A          |
| Power consumption (no load)     | < 0.3 mA     |
| Maximum load                    | 5 A          |

