

NGLIGHTS

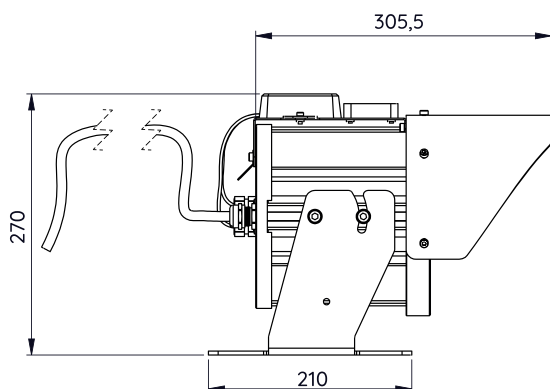
NG-LV-LTE

GPS-Synchronized Leading Light



The NG-LV-LTE is a modern GPS-synchronized leading light with an integrated charge controller that utilizes 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

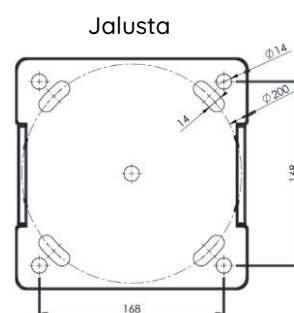
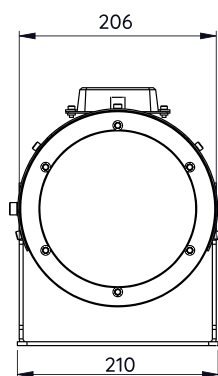
- ✓ Remote diagnostics and configuration
- ✓ MPPT technology
- ✓ Automatic load disconnection
- ✓ Stepless adjustment of charging parameters
- ✓ Extremely low power consumption

LEADING LIGHT

Body material	Aluminum
Operating voltage range	8-32 V
Light source	High-efficiency LEDs
Weight	approx. 4 kg
Operating temperature	-40°C - 60°C *a
Power consumption	Light source max 4 W
Horizontal beam angle	5.5°
Vertical beam angle	6.2°
Enclosure rating	IP67
Range	20 NM

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

Max 4 W **7,000 cd** **10,000 cd** **7,000 cd** **10,000 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

