RLED-200

MaxLumina® Range Lantern

RLED-200 range lanterns are used to mark entrance channels, rivers, canals and straight reaches of channel across bays. With two RLED-200s, one positioned above and behind the other, navigators can establish the channel centreline by keeping the lights vertically aligned.

CHARACTERISTICS

- Optics are factory focused prior to shipment. Supports all industry standard flasher/lampchangers
- Lenses available in all IALA approved colours
- Range lantern is strong, lightweight and highly resistant to all weather conditions
- Hood assembly opens from back for easy access
- Utilises Tideland's MLED-RETRO RL flasher, an LED light source
- Aiming sights within hood are used for azimuth alignment
- Leveling hardware factory supplied
- Full monitor and control access

OPTIONAL FEATURES

- A 229mm (9in) tall swivel pedestal is available to facilitate aiming
- To maintain flash synchronisation of two or more RLED-200 range lanterns, specify Tideland's GPS based automatic system

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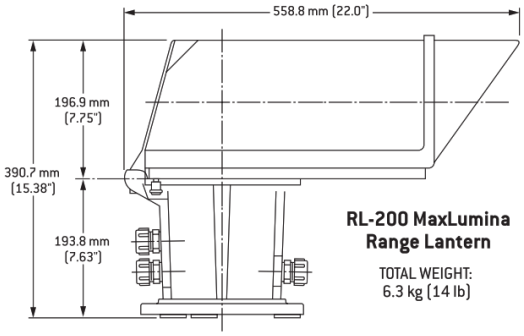

RL-200 MaxLumina Range Lantern

TOTAL WEIGHT:
6.3 kg (14 lb)

RL-200 INTENSITY TABLES
(All Calculations were made with the Schmidt-Clausen Method*)

MLED-RETRO FIXED INTENSITY TABLES

1 Watt DC

LED Colour	Peak Fixed Intensity in Candelas					
	3° Spreader	5° Spreader	7.5° Spreader	10° Spreader	20° Spreader	27° Spreader
Red	4,343	3,027	2,282	1,580	830	652
Green	5,444	3,795	2,565	2,882	1,124	874
White	5,433	3,787	3,124	2,178	1,200	556
Yellow	2,946	2,053	1,533	1,072	618	444

The MLED-RETRO 1 Watt can be used in an existing coloured lens or beam spreaders. However, the fixed intensity values shown above are multiplied by the following factors:

Filter Factor

Colour	Lens/Spreader Colour	Filter Factor
Red	Red	0.64
Green	Green	0.75
Yellow	Yellow	1.00

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