



PRODUT DESCRIPTION

The StingRay™ Series is leading the dive light market with its unprecedented brightness, compact size, robustness, efficacy and reliability.

SeaLantern® StingRay™ brings extreme performance and quality to a range of diving styles including flood lighting for large areas like cave, wreck or night diving, spot lighting for more technical focussed divers, and fluorescent lighting to reveal new unseen colours in corals.

FEATURES

- 100% solid state switch and construction.
- Double hard anodized body.
- Anti-Reflective & Anti-Fog Borosilicate Lens.
- 6200-6500K cold white CCT & fluorescent Blue.
- 100m factory depth tested.
- 50Wh lithium ion battery capacity.
- Over temperature protection for out of water use.
- Smart battery monitoring and level check.
- Auto runtime extend when batteries are low.
- Travel lock feature.
- Ability to attach carry handle.
- RoHS, CE and FCC compliant.

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StingRay™ SPOT

Intensely focused 3° beam for long distance spot lighting with extended run times. The high intensity narrow beam penetrates well in low visibility water.

Commands:

- (1) ON / OFF
- (2) Level Select
- (4) Battery Level Check (25% of battery per light dip)
e.g. 4 dips = 100% power)
- (7) Travel Lock/ Unlock (Long flash lock, 2 quick flashes, unlocked)

LED Channel Combinations:

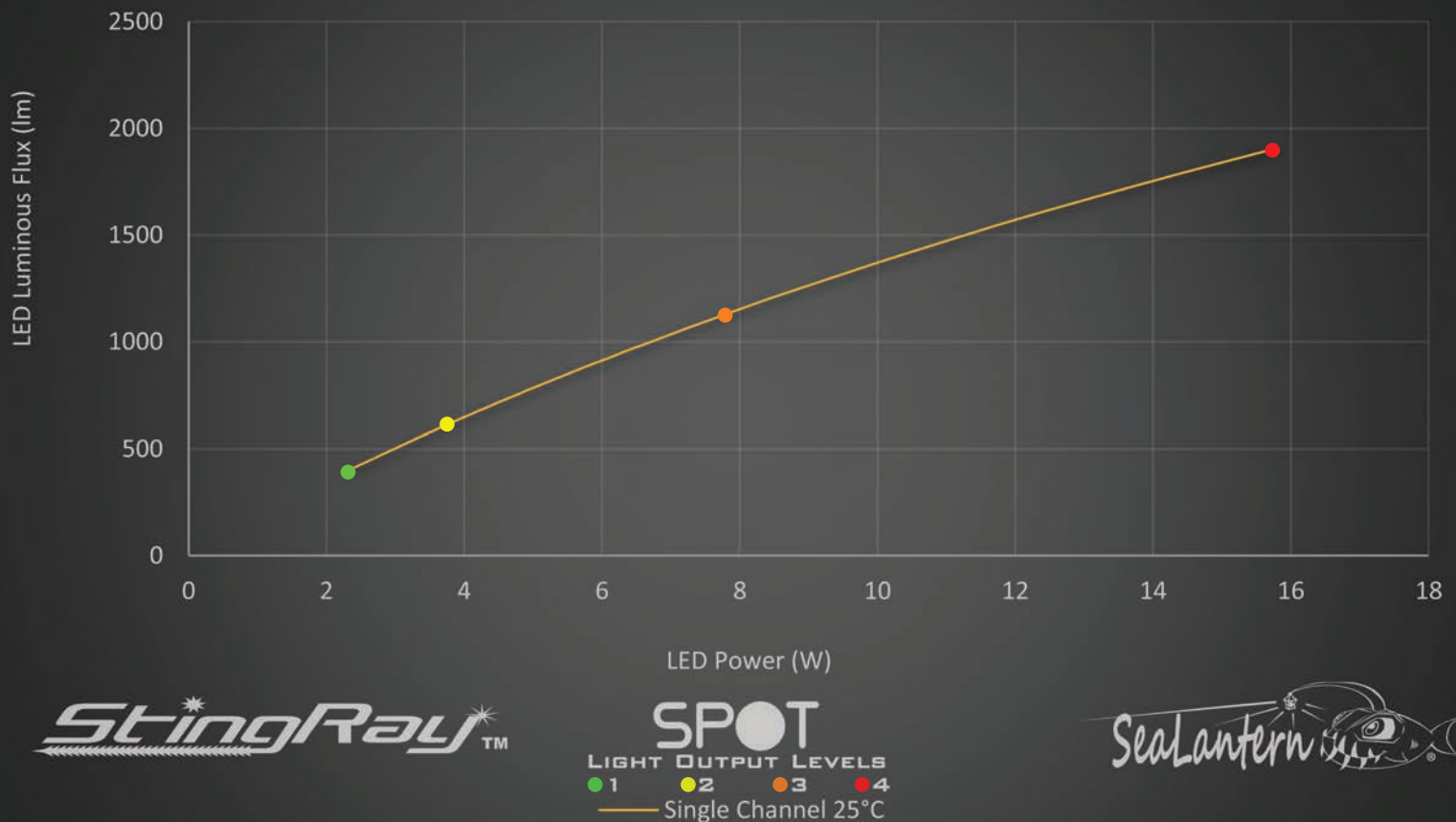
- WHITE - single channel

Specifications:

Size: Ø62mm, L 194mm / Ø2.4", L 7.6"
 Weight: 1kg/ 2.2lbs
 Max output: 1800Lm (Level 4)
 Max runtime: 22.5 Hours (Level 1)

Output Levels:

The below chart is an indication of the light output at the preset levels of the StingRay™ Spot.





StingRay™ CORAL

Tight 6° beam with independent white and fluorescent blue channels for coral fluorescence and extreme distance penetration due to blue wavelengths.

Commands:

- (1) ON / OFF
- (2) Level Select
- (3) LED Channel Select
- (4) Battery Level Check (25% of battery per light dip)
e.g. 4 dips = 100% power)
- (7) Travel Lock/ Unlock (Long flash lock, 2 quick flashes, unlocked)

LED Channel Combinations:

- BLUE
- BLUE + WHITE
- WHITE

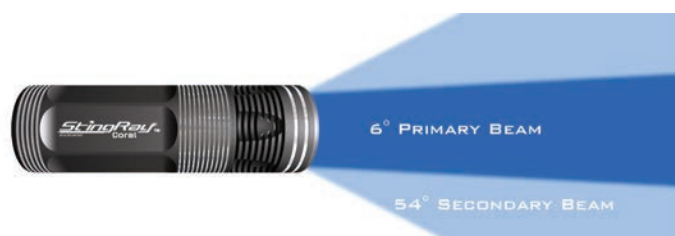
Specifications:

Size: Ø62mm, L 194mm / Ø2.4", L 7.6"

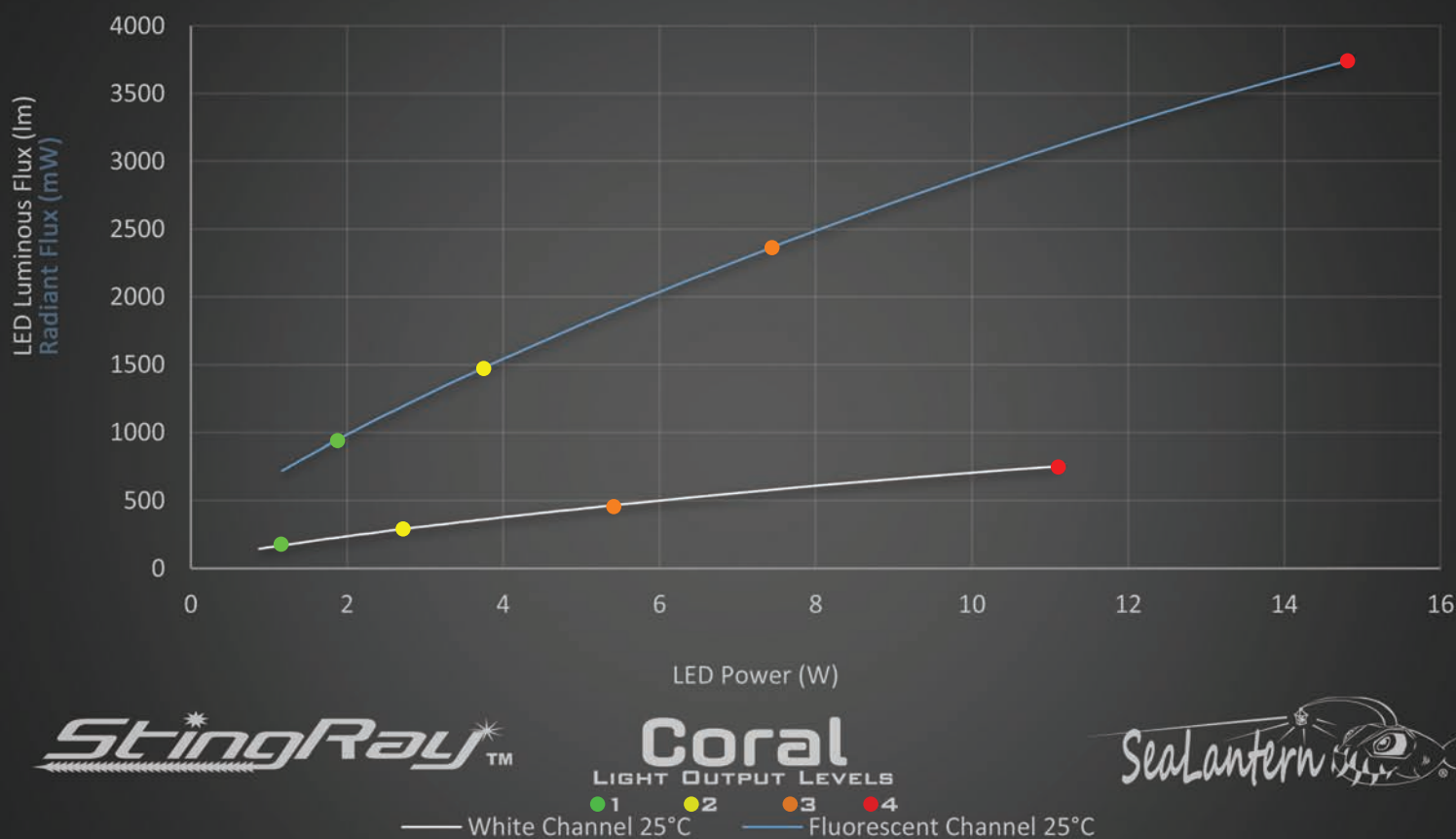
Weight: 1kg/ 2.2lbs

Max output: Blue: 3740mW (Radiant Flux)
White: 750Lm

Max runtime: 16.4 Hours (All circuits on, Level 1)



Output Levels: The below chart is a indication of the light output at the preset levels of the StingRay™ Coral.





StingRay™ XM-L

Extreme flood lighting from a 66° beam on two independent light channels delivering a total of 6000Lm.

Commands:

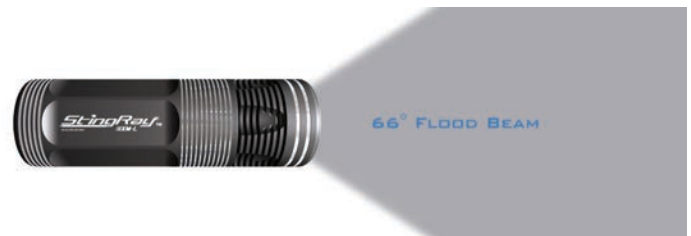
- (1) ON / OFF
- (2) Level Select
- (3) LED Channel Select
- (4) Battery Level Check (25% of battery per light dip)
e.g. 4 dips = 100% power)
- (7) Travel Lock/ Unlock (Long flash lock, 2 quick flashes, unlocked)

LED Channel Combinations:

- WHITE Channel 1
- WHITE + WHITE Channel 1 & 2

Specifications:

Size: Ø62mm, L 194mm / Ø2.4", L 7.6"
Weight: 1kg/ 2.2lbs
Max output: 6000Lm (All circuits on, Level 4)
Max runtime: 11 Hours (All circuits on, Level 1.)



Output Levels:

The below chart is an indication of the light output at the preset levels of the StingRay™ XM-L.





User interface:

All commands are made by pressing the solid state switch at the rear of the StingRay™.

Commands need to be firm, fast presses. Keep your finger rested on the switch pad when making multiple presses.

The solid state switch is a pressure sensitive pad which responds to rapid changes in pressure as applied by a quick firm press of the finger, even with dive gloves on. The switch is unaffected by water depth/ pressure whilst diving.

On initial power up, the light defaults to the lowest power level with one LED circuit on.

You may then set your preferred power level, and the StingRay™ will remember your preferred settings and LED circuits you choose to run, when you power the light off. Settings will be reapplied on power on.

Typically the user will:

Power the light on and off with 1 press.

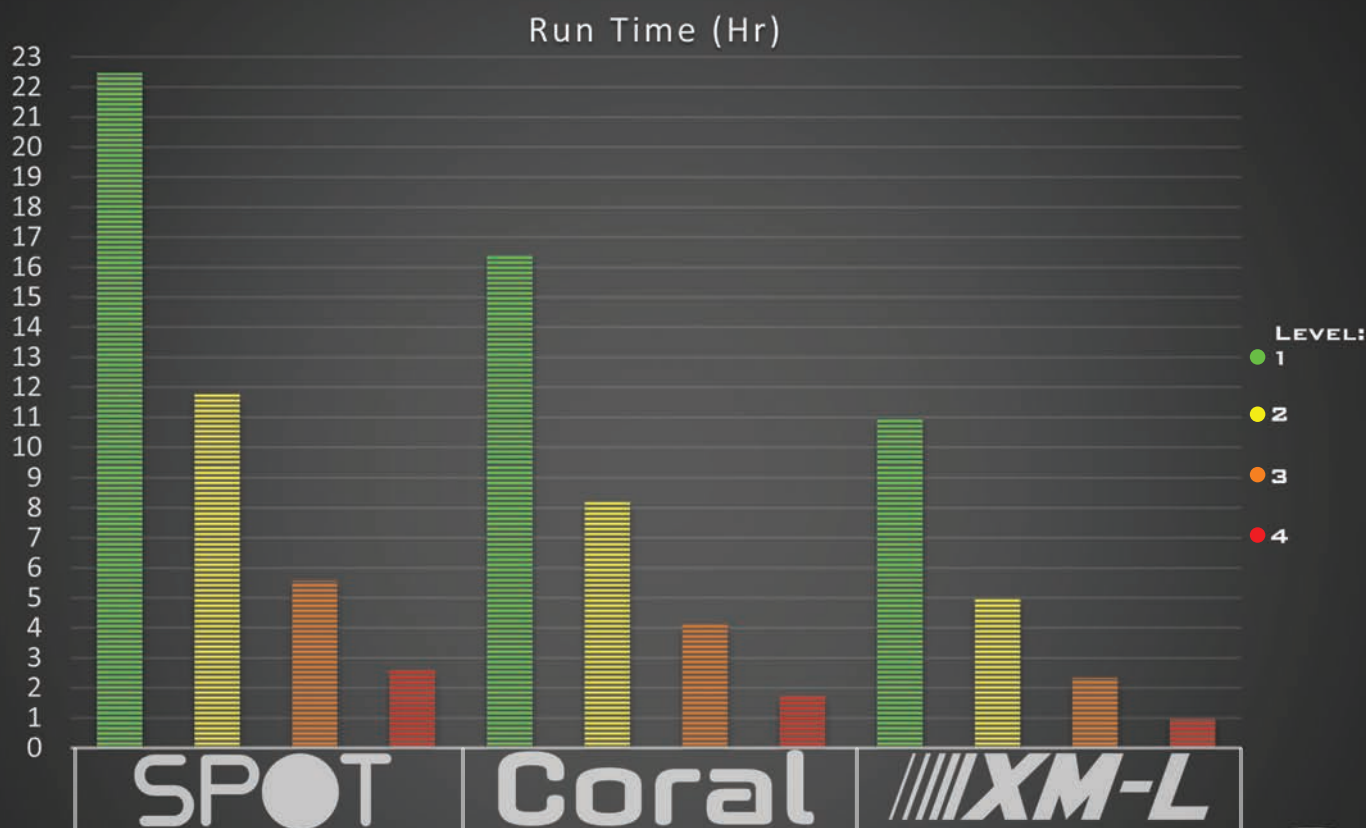
Set power level with 2 presses when the light is on.

Select which LED circuit to run with 3 presses with light on. (StingRay™ Spot excluded, single channel only)

Power the light off and on as needed with the StingRay™ remembering the last preferred settings.

Run Times:

The below chart gives a quick visual reference for the run times in hours expected on the chosen StingRay™ output level. *Note:* tests were carried out with all circuits on. Times will double with one circuit on only. Results may vary between lights and environments from the below Lab results.



Notice: Tests carried out with ALL LEDs on. Laboratory results are averaged from a sample batch at 25°C. Runtimes are extended with 1 LED circuit on. Results may vary between lights and environments.



Packaging

Packaged with soft foam inside a hard black cardboard gold stamped box with colour printed sleeve. Model and Serial number on outer sleeve. Shipped in protective white SeaLantern® shipping box.

Package contents:

StingRay™ Dive Light

StingRay™ instruction manual.

Lithium ion batteries

Hand Lanyard

Universal charger with wall adaptor, inserts and 12v car adaptor.

Charger instruction manual.

