

Carmanah and Sealite Comparison Chart

Carmanah M502 1 Nautical Mile



Sealite SL15 1 Nautical Mile



Replaceable Battery Pack/Type	No: lead acid battery fully encapsulated in sealed light container
Battery rechargeable	No
Light's Expected Useful Life	5+ years - anticipated life of battery
Warranty	3 Years Limited Prorated: Year 1 - 100%, Year 2—50%, and Year 3 - 25%
Flash codes supported	7 IALA Standard Codes
Visibility Range	0.55 Nautical miles in "steady on" 1.0 Nautical miles in flashing mode
Peak Intensity	1.2 Candela
Autonomy	>20 days (14 hour darkness, 12.5% duty cycle)
No. of LEDs/LED Colors available	4 Ultra high intensity — red, green, amber, white or blue
User Programmable	Yes: with optional \$35 remote programmer, otherwise flash code set prior to shipping
Waterproof	Yes: IP68 compliant
Weight	2.45 lbs (1.1 kg)
Height/Width	4.4 in./11.3 cm/5.03 in./12.8 cm
Integrated bird spike	Yes
Color coded bases	No
US Coast Guard Approval	Meets 33CFR section 66 specs for PATON (personal aids to navigation)

Replaceable Battery Pack/Type	Yes: NiMH battery pack with life of 3-5 years can be replaced by buyer
Battery rechargeable	Yes: requires optional external charging unit from factory
Light's Expected Useful Life	12 years —anticipated life of LEDs; with periodic battery changing or recharging
Warranty	3 Years Limited Non-Prorated –fix or replace in first 3 years
Flash codes supported	15 IALA Standard Codes
Visibility Range	0.55 Nautical miles in "steady on" 1.0 Nautical miles in flashing mode
Peak intensity	1.5 Candela
Autonomy	>20 days (14 hour darkness, 12.5% duty cycle)
No. of LEDs/LED Colors available	4 Ultra high intensity — red, green, amber, white or blue
User Programmable	No: set at factory during assembly
Waterproof	Yes: IP68 compliant
Weight	1.32 lbs (0.6 kg)
Height/Width	5.55 in./14.1 cm/5.35 in./13.6 cm
Integrated bird spike	No: available as an option
Color coded bases	Yes: easy to ID LED color
US Coast Guard Approval	Meets 33CFR section 66 specs for PATON (personal aids to navigation)