



Phantom™ Dive LIGHT

PHANTOM™ LED DIVE LIGHTS

For the 2010 dive season OMS® offers the following lights:

- I. 10W (1) LED Phantom™ dive light
- II. 12W (3) LED Phantom™ dive light
- III. 24W (7) LED Phantom™ dive light

All Phantom™ dive lights utilize Mil Spec Hard Coat (2X harder than anodizing); incorporate captured O-Ring assemblies in the lens area and Titanium screws to hold down the bezel. The LED light heads can be held in your hand or you can affix the optional Goodman Handle (Fig. 1) or mount to a helmet.

Phantom™ lights use PCB's that are field replaceable, incorporate high reliability magnetic reed switches and 50 degree C thermal cutoff switches to prevent fires. The actuation switch incorporates a high strength Nylon lockdown screw to prevent accidental "turn On/Off".

Captured O-Rings are utilized at the cord interface to the head and canister sealing areas resulting in a less than .5% failure rate! Additionally all lights, before leaving the factory, are wet pot tested to 100 meters.

| LIGHT TYPE | ITEM NO. | WT./BUOYANCY | BURN TIME | AVE. LED LIFE | OUTPUT | FOCUS | 1/2 BEAM ANGLE | LED | BATTERY |
|----------------------|-------------|------------------|----------------------|---------------|----------------------------|---------------------|---------------------------------------|-----|---------------------------------|
| Phantom 10w Canister | L197LED1-K | 2.71 / -.87 lbs | 10 hrs. | 10,000 hrs. | 500 Lm @ 12.58 ft (3.84m) | Fixed | 6° | 1 | 12v, 4.4Ah Rechargeable lithium |
| Phantom 12w Canister | L197LED3-K | 3.78 / -1.33 lbs | 7.5 hrs. | 10,000 hrs. | 1100 Lm @ 12.58 ft (3.84m) | Fixed | 6° | 3 | 16v, 6 Ah Rechargeable lithium |
| Phantom 24w Canister | L197LED20-K | 4.34 / -1.58 lbs | 3.26 hrs. | 10,000 hrs. | 2600 Lm @ 12.58 ft (3.84m) | Fixed | 6° | 7 | 16v, 6 Ah Rechargeable lithium |
| LIGHT TYPE | ITEM NO. | DEPTH | SEALING | MATERIAL | CORD | WEIGHT | DIMENSIONS | | BULK HEAD |
| Phantom 10w Canister | L197LED1-K | 800 FSW | O-Ring Cap/ Canister | PVC Canister | 4' long w/ O-Ring Seal | 2.71 lbs. w battery | 10.25"x2.37" O.D. | | O-Ring seal |
| Phantom 12w Canister | L197LED3-K | " | " | " | " | 3.78 lbs. w battery | 10.25"x2.37" O.D. | | " |
| Phantom 24w Canister | L197LED20-K | " | " | " | " | 4.34 lbs. w battery | 10.25"x2.37" O.D. | | " |
| LIGHT TYPE | ITEM NO. | CHARGER ITEM | PRIMARIES | SECONDARIES | | FLOAT | INDICATOR | | |
| Phantom 10w Canister | L197LED1-K | L-209-K | Wall 100-240 VAC | 12 VDC@ 1.00A | | Yes | Red: charging/ Green fully charged | | |
| Phantom 12w Canister | L197LED3-K | L-217-CHG | Wall 100-240 VAC | 12 VDC@ 2.5A | | Yes | Red: charging/ Green fully charged | | |
| Phantom 24w Canister | L197LED20-K | L-217-CHG | Wall 100-240 VAC | 12 VDC@ 2.5A | | Yes | Red: charging/ Green fully charged | | |



Phantom™ Dive Light



Battery housing for Phantom canister lights



(Fig 1)

Item#

L197LED20-K

Description

L197LED20-K 7 LED light shown with optional Goodman handle (Fig 1)



(Fig 1)

Item#

L197LED3-K

Description

12 W LED light shown with optional Goodman handle (Fig 1)



(Fig 1)

Item#

L197LED1-K

Description

10 W LED light shown with optional Goodman handle (Fig 1)

