



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)

