



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.

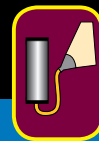
Phantom™ lights use PCB's that are field replaceable, incorporate high reliability magnetic reed switches and 50 degree C thermal cutoff switches to prevent fires. The actuation switch incorporates a high strength Nylon lockdown screw to prevent accidental "turn On/Off".

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)





Backup Lights & Strobes

VEGA K2 FLASHLIGHT™

OMS® has re-engineered the VEGA K2 LED flashlight with improved backend optics, reverse polarity protection and incorporated a brighter, high color temperature LED. Powered by two CR-123A batteries the VEGA produces over 180 Lumens. Couple this with a highly collimated beam and a 330 fsw depth rating and you have one of the most powerful lights in your diving arsenal. New pouch is now included.



Item# L 192
Description VEGA K2 LED Flashlight

Dive Light Type	Item No.	Bulb	Burntime	Lamp Life	Output	Actuation	Beam	Battery (Included)	Dimensions	Depth Rating
VEGA-K2	L-192	(1) LED	3 hrs.	20,000 hrs.	180 Lm.	Twist	Spot	(2) CR-123A 1550 mAh	4.26" L x 1.50" O.D. (10.8 cm L x 3.8 cm O.D.)	330 fsw (100 m)

XENON FLASH STROBE

The Flash Xenon Strobe with updated optics and improved waterproofing design is an essential tool for emergency signaling, anchor marking etc.



Item# L 198S
Description Flash Xenon Strobe with double O-Ring

Dive Light Type	Item No.	Bulb	Burntime	Lamp Life	Output	Actuation	Beam	Battery (Included)	Dimensions	Depth Rating
Strobe201	L198S	Flash Xenon	30 hrs.	500 hrs.	1 million CP	Twist	180°	(2) C cells Alkaline	7.25" L x 2.0" O.D. (18.4 cm L x 5 cm O.D)	330 fsw (100 m)





OMS® Ultra Bright K2 Head Lamp

The OMS® head lamp has been upgraded with an Ultra Bright (180 + Lumen) K2 LED. This light can be mounted on a helmet (helmet and hardware not supplied), placed on your Hood (band supplied) on your head (band supplied), used as a Goodman light (strap supplied) or even mounted to your chest strap (band supplied). Powered by two high capacity CR-123A Lithium batteries (supplied).



Item#	Description
L-193	K2 LED Head Lamp

Dive Light Type	Item No.	Bulb	Burntime	Lamp Life	Output	Actuation	Beam	Battery (Included)	Dimensions	Depth Rating
Headlamp	L-193	(1) LED	3 hrs.	20,000 hrs.	180 Lm.	Twist	Narrow Spot	(1) CR-123A 1550 mAh	3.00" L x 1.77" O.D (7.6 cm L x 4.5 cm O.D)	330 fsw (100 m)

