

OPERATIVE®

OV-1 & NEW OV-2



Our *OPERATIVE*® series of tactical lights are compact and lightweight, yet powerful and precise with the versatility you need to face any situation. These pocket-sized flashlights pack the power of larger full-size flashlights at a fraction of their size and weight.

The *OV-1* light can be handheld or weapon-mounted with or without a laser using our specially designed low profile, offset mount. The finger activated On/Off/Momentary push button switch makes it virtually impossible to accidentally activate the light.

The NEW *OV-2* carbine lighting system has a modular design to meet the wide variety of today's battlefield needs. Interchangeable On/Off/Momentary push button or remote cable pressure pad switching options, and the low profile MIL-SPEC-1913 offset mount provide flexibility in mounting and activation options.

The *OV-2* also integrates seamlessly with our *DBAL-A*³ (pp. 4-5) or our *ITAL-A* & *OTAL-A* visible models (pp. 8-9) using the optional dual remote cable switch.

The *OV-1* and *OV-2* are available with either an incandescent lamp or a high intensity LED.

OV-1 & OV-2 FEATURES INCLUDE

- ▶ Rugged aerospace aluminum, MIL-SPEC Type III hardcoat anodized
- ▶ Choice of Incandescent or LED
 - shock absorbing incandescent lamp generates 95 lumens of bright white light
 - recoil-resistant LEDs produce 150 lumens of intense white light
- ▶ Deeply knurled non-slip grip
- ▶ Meets MIL-STD-810G for adverse environmental conditions
- ▶ Optional tip-off filters available in blue, red and green. Infrared filters available for incandescent lights only
- ▶ Manufactured in the U.S.A.

OV-1 LED with Optional MIL-SPEC-1913 Mount



OV-1
Incandescent



OV-2 LED
with Remote
Tailcap

OV-1

- Handheld or weapon-mounted light
- On/Off/Momentary tactile push button switch
- Removable pocket clip and lanyard
- Batteries
- Available in Desert Sand, Foliage Green and Black. Incandescent also available in blue, red, silver and gold
- Low profile MIL-SPEC-1913 offset mount sold separately

NEW



OV-2 LED with Push Button Switch



OV-2 LED with Remote Cable shown with DBAL-A³

NEW OV-2

- Weapon-mounted carbine lighting system
- Multiple configurations available including
 - Remote cable switch tailcap
 - On/Off/Momentary push button tailcap
 - Dual On/Off/Momentary push button/remote cable tailcap
 - Low profile MIL-SPEC-1913 offset mount
- Batteries included
- Available with 95 lumen incandescent or 150 lumen LED in Desert Sand, Foliage Green and Black

OPERATIVE ACCESSORIES (CONFIGURATION DEPENDENT)



OPERATIVE SPECIFICATIONS SEE P. 29 FOR ADDITIONAL SPECIFICATIONS & WARRANTY

BATTERY		Two 3-volt 123A Lithium
MATERIAL		Anodized aircraft aluminum 6061T-6
WEIGHT (WITH BATTERIES)	OV-1	3.1 oz / 88 grams
	OV-2 (WITH PUSH BUTTON TAILCAP)	3.5 oz / 99.2 grams
	OV-2 (WITH REMOTE CABLE TAILCAP & MOUNT)	4.9 oz / 138.9 grams
LENGTH	OV-1	4.7 in / 11.9 cm
	OV-2 (WITH PUSH BUTTON TAILCAP)	5.25 in / 13.3 cm
	OV-2 (WITH REMOTE CABLE TAILCAP)	5.5 in / 14 cm
DIAMETER OF HEAD		1 in / 2.5 cm
ENVIRONMENT		Waterproof to 20 meters

SPECIFICATIONS



INFRARED POINTERS					
OUTPUT POWER (HI / LO)		WAVELENGTH	CLASS	BEAM DIVERGENCE	RANGE
<1mW (<5mW available upon request)		835nm	IIIb	0.3 mrad	600 meters
<5mW / <1mW		835nm	IIIb	0.3 mrad	600 meters
<50mW / <1mW		835nm	IIIb	0.3 mrad	2000 meters
INFRARED ILLUMINATORS					
OUTPUT POWER (HI / LO)		WAVELENGTH	CLASS	BEAM DIVERGENCE	RANGE
<50mW / <1mW		835nm	IIIb	0.5 –75 mrad	2000 meters
<150mW / <5mW		835nm	IIIb	0.5 –75 mrad	5000 meters
VISIBLE POINTERS					
TYPE	OUTPUT PWR (HI / LO)	WAVELENGTH	CLASS	BEAM DIVERGENCE	RANGE (NIGHT / DAY) <small>MAY VARY DEPENDING ON LIGHT CONDITIONS</small>
Red	<5mW / <1mW	635nm	IIIa	0.3 mrad	500m / 30m
Red	<65mW / <5mW	642nm	IIIb	0.5 mrad	2000m / 30m
Green	<5mW / <1mW	532nm	IIIa	0.5 mrad	1500m / 50m
Green	<30mW / <5mW	532nm	IIIb	0.5 mrad	2500m / 113m
Green	<50mW / <5mW	532nm	IIIb	0.5 mrad	3500m / 160m
Green	<200mW / <5mW	532nm	IIIb	0.5 mrad	4500m / 200m
TACTICAL LIGHTS					
LIGHT TYPE		LAMP TYPE	OUTPUT		BATTERY LIFE
Incandescent		Xenon	95 Lumens		1 hour
LED's & OP-9 Incandescent		Light Emitting Diode	150 lumens		1.5 hours

SALE OF LASER PRODUCTS

The sale of high power Visible and Infrared laser products (Class IIIb) are restricted by the FDA to:

- Department of Defense
- Law Enforcement Agencies
- Federal Agencies
- Qualified Agents

Contact Laser Devices, Inc. for further information.

LIMITED WARRANTY

All Laser Devices manufactured products (excluding flashlight bulbs, bore-light inserts, batteries or other consumable items) have a 1-year limited warranty from the date of purchase on parts and workmanship. A special 3-year warranty is offered against failure on the LED component used in our LED lights. In addition, a 2-year warranty is offered on our EOLAD family of products. Warranty is void if the serial number or manufacturer's labels have been removed, or if products have been misused, modified, neglected or disassembled prior to return.

At its sole discretion, Laser Devices shall repair or replace products found to be defective under normal use and services. Laser Devices' obligation to either repair or replace shall be the purchaser's sole and exclusive remedy under this warranty. Damage from batteries is not covered. Carefully follow maintenance instructions to prevent battery damage from occurring.

Laser Devices disclaims all other warranties, expressed or implied and disclaims any warranties of merchantability or fitness for a particular purpose. Laser Devices shall not be liable for incidental, consequential, or special damages arising out of or in connection with product use or performance.

EXPORT NOTICE

Laser Devices' products are controlled for export purposes under the International Traffic in Arms Regulations (ITAR) and the Export Administration Regulations (EAR), and require U.S. Government authorization prior to the export or transfer to a non-U.S. Person.

Visible laser products are subject to export controls imposed by the U.S. Department of Commerce. Contact Laser Devices, Inc. for details.