

MEETS SPECIFICATIONS FOR

 **CEN/TR
16638**

SPECTROLINE®
NDT

OPTIMAX™ 450

Rechargeable LED Blue Light Flashlight

OPX-450


PERFECT
for small space
inspections while
out in the field

▶ Nominal steady-state blue light (450 nm) intensity of **7,000 $\mu\text{W}/\text{cm}^2$** at 15 in (38 cm)

▶ Low visible light emission—less than 0.5 foot-candle (5 lux)



**Rechargeable
NiMH Battery**



**Bright &
Uniform Beam**



**Instant-On
Operation**



**90 Minutes
Run Time**



BLUE LIGHT does not require a completely dark environment making it extremely versatile, even for some applications in daylight.

**ANODIZED ALUMINUM
LAMP BODY**

Minimizes corrosion and stands up to years of heavy use

**CONVENIENT
ON/OFF SWITCH**

For easy one-handed operation

**PATENTED,
THIN-FILM
DICHROIC LENS**

Improve contrast and fluorescent response

**CHARGE STATUS
INDICATOR LIGHT**

**ELECTRONIC INTENSITY
STABILIZER**

Assures consistent performance



OPTIMAX™ 450 OPX-450

- Patented, thin-film dichroic lens improves contrast
- Electronic Intensity Stabilizer ensures consistent performance. Beam strength will not weaken between charges!
- Instant-on operation; lamp reaches full power immediately
- Portable and rugged. Anodized aluminum lamp body minimizes corrosion and stands up to years of heavy use.
- Powered by a rechargeable NiMH battery. Provides 90 minutes of continuous inspection between charges.

MODEL	NOMINAL STEADY-STATE BLUE LIGHT INTENSITY at 15 in (38 cm)	VISIBLE LIGHT MEASUREMENT
OPX-450	7,000 $\mu\text{W}/\text{cm}^2$	< 0.5 foot-candles (5 lux)

Light Source:	Blue light (450 nm) LED
Lamp Style:	Cordless flashlight
Lamp Head Diameter:	2.0 in (5.1 cm)
Length:	8 in (20.3 cm)
Weight:	11.8 oz (335 g) (with Battery)
Power Requirements:	3.6V, 2.0 Ah NiMH internal battery stick (rechargeable)
Charge Time:	4 hours

⊕ Blue Light intensity reading taken with the Spectrolin® AccuMAX™ Series meter, and is factory set to the value shown.



OPX-450 OPTIMAX™ 450 Kit
Comes complete with OPTIMAX™ 450 blue light LED lamp, smart AC and DC chargers, fluorescent-enhancing yellow spectacles, belt holder and hard carrying case.



Blue Light Beam Profiles

