



Flashlights Unlimited
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Flashlights Unlimited / Xenopus Electronix Deep Purple 410 Standard Inspection Lanterns & Kits

Description

When performing fluorescent integrity inspections of marine coatings in very large area environments such as water tanks, a powerful light source is required. But conventional UltraViolet sources can be extremely hazardous to eyes and skin. Now there is a safer alternative, the Xenopus Electronix 410nm Deep Purple Inspection Lantern. With eighty bright LEDs, this rugged hand-held unit provides the smooth beam image and extended range you need for this specialized application. Made especially for Flashlights Unlimited, the new XE 410 lantern may also be appropriate for other applications, in situations where a suitable fluorescent response can be achieved with the longer and less dangerous 410nm peak wavelength. Cooler running and lighter in weight than hot and heavy high-intensity UV lamps. AC & DC rechargeable design provides convenient cordless operation and dramatically reduces operating costs.

Features

- ✧ Eighty bright LEDs deliver a smooth and powerful purple beam.
- ✧ The purple beam color is safer for eyes and skin than UltraViolet.
- ✧ Perfect for inspection of Sherwin-Williams™ Blue OAP coatings.
- ✧ Peak wavelength is 410nm, overall bandwidth is 405nm to 415nm.
- ✧ Conservatively-driven LEDs have 10,000+ hour typical lifespan.
- ✧ Power regulation circuitry maintains consistent beam brightness.
- ✧ Convenient handle-mounted trigger switch has continuous-on latch.
- ✧ Has a supplemental white-light LED with a separate slide switch.
- ✧ User-replaceable long-life sealed-lead-acid rechargeable battery.
- ✧ Delivers more than 90 minutes of runtime from a full charge.
- ✧ Built-in 120VAC charger system with a one-foot stub cord.
- ✧ Also charges from an included 12VDC automotive plug cord.
- ✧ A flashing low-battery indicator lets you know to recharge.
- ✧ A red indicator LED flashes when charging has completed.
- ✧ Rugged housing is splash-resistant (but not submersible).
- ✧ Shatter-resistant polycarbonate front lens with o-ring seal.
- ✧ Rubber over-molding on handle grip, lens bezel and base.
- ✧ Kit includes molded carrying case and yellow filter glasses.
- ✧ One-year limited factory warranty from Xenopus Electronix.



Products

Xenopus 410 Lanterns & Kits	Item No.
Xenopus Electronix 410 Lantern Only	XE-410S-L
includes 12VDC charger cord and 120VAC stub cord	
Xenopus Electronix 410 Lantern Kit	XE-410S-K
with a molded carrying case and yellow filter glasses	
Xenopus 410 Accessory Items	Item No.
Wrap-Around Filter Glasses - Yellow	EX-WG-Y
improves fluorescent contrast and blocks purple glare	
Replacement Rechargeable Battery	BR-XEL-SLA
please take any expired batteries to a recycling center	

Specifications

Lantern Weight	2 lb 15 oz (1.33 kg)
Overall Height	6.0 in (15.24 cm)
Overall Length	7.5 in (19.05 cm)
Base Width & Depth	4.0 x 6.0 in (10.16 x 15.24 cm)
Rechargeable Battery	6V 3AH SLA (user-replaceable)
Purple Beam Source	80 purple LEDs (starburst array)
Purple Beam Bandwidth	405nm to 415nm (410nm peak)
Purple Beam Runtime	over 90 minutes from full charge
White Beam Source	1 white LED (with focusing lens)
White Beam Runtime	up to 50 hours from full charge