



Flashlights Unlimited
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Flashlights Unlimited / Xenopus Electronix Deep Purple 405 Premium 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 405nm Deep Purple Inspection Lantern. With 7 high-flux 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 405 lantern may also be appropriate for other applications, in situations where a suitable fluorescent response can be achieved with the longer and less dangerous 405nm peak wavelength. Cooler running and lighter in weight than hot and heavy high-intensity UV lamps. Efficient lithium-ion rechargeable design provides convenient cordless operation with a very low operating cost.

Features

- ✧ Seven high-flux 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 405nm, overall bandwidth is 400nm to 410nm.
- ✧ 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 lithium ion rechargeable battery pack.
- ✧ Delivers more than three hours of runtime from a full charge.
- ✧ Longer runtime and faster recharge than our Standard model.
- ✧ UL-listed 120VAC external charger adapter has 6-foot cord.
- ✧ A flashing low-battery indicator lets you know to recharge.
- ✧ Red indicator LED turns green when charging is 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 405 Lanterns & Kits	Item No.
Xenopus Electronix 405 Lantern Only	XE-405P-L
includes proprietary 120VAC external charger adapter	
Xenopus Electronix 405 Lantern Kit	XE-405P-K
with a molded carrying case and yellow filter glasses	

Xenopus 405 Accessory Items	Item No.
Wrap-Around Filter Glasses - Yellow	EX-WG-Y
improves fluorescent contrast and blocks purple glare	
Replacement Rechargeable Battery	BR-XEL-ION
please take any expired batteries to a recycling center	

Specifications

Lantern Weight	2 lb 2 oz (0.96 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	Lithium Ion (user-replaceable)
Purple Beam Source	7 1-Watt LEDs (hexagon array)
Purple Beam Bandwidth	400nm to 410nm (405nm peak)
Purple Beam Runtime	over 3 hours from a full charge
White Beam Source	1 white LED (with focusing lens)
White Beam Runtime	up to 100 hours from full charge