

OPTI-LUX™ 365 SERIES

LED UV-A Inspection Flashlights

SPECTRO-UV®

OPTI-LUX™ 365 Series inspection flashlight feature a powerful UV-A (365 nm) LED light source coupled with a rugged anodized lamp body.

They reduce user fatigue while providing an extremely uniform beam profile that surpasses those or more expensive lamps. Available in four models to suit your specific NDT needs: high-intensity or standard-intensity versions; each with or without an internal UV-A pass filter. Comes with a Certificate of Light Output for both wavelength and output measurements.

Key Features

- **Anodized Aluminum Body** - Minimizes corrosion and stands up to years of heavy use
- **Instant-On Operation** - No warm-up time required, immediate UV-A output for faster inspections
- **Bright & Uniform Beams** - Consistent light distribution for reliable fluorescent indication detection
- **Small Space Design** - Compact 5.9" length allows inspection in tight, confined areas
- **One-Handed Operation** - Convenient on/off switch enables easy single-handed use during inspections
- **Rechargeable Battery System** - 4-hour continuous runtime with quick 4-hour recharge eliminates disposable battery costs
- **Lightweight Construction** - Only 4.6 oz with battery reduces user fatigue during extended use
- **High UV-A Intensity** - Up to 10,000 $\mu\text{W}/\text{cm}^2$ output at 15 inches ensures strong fluorescent response
- **Multiple Model Options** - 4 different configurations with varying intensities and filters to match specific application needs
- **Certificate of Light Output** - Factory calibration documentation ensures consistent, traceable performance
- **Cordless Design** - No power cords to restrict movement or create trip hazards in work areas



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Part Number	Nominal Steady-State UV-A Intensity at 15 in (38 cm)	UV-A Coverage at 15 in (38 cm) at minimum 1,200 $\mu\text{W}/\text{cm}^2$	Power Source	High Intensity	Standard Intensity	Clear Filter	Internal Back Light Filter	Run Time	White Light	Adaptors
OLX-365	10,000 $\mu\text{W}/\text{cm}^2$	2.25 in (5.7 cm) \emptyset	AC/DC (Li-ion Battery)	X		X		4 hrs	N	A/B, C/F, I, G
OLX-365B	10,000 $\mu\text{W}/\text{cm}^2$	2 in (5 cm) \emptyset	AC/DC (Li-ion Battery)	X			X	4 hrs	N	A/B, C/F, I, G
OLX-365FL	4,500 $\mu\text{W}/\text{cm}^2$	3 in (7.6 cm) \emptyset	AC/DC (Li-ion Battery)		X	X		4 hrs	N	A/B, C/F, I, G
OLX-365BFL	4,500 $\mu\text{W}/\text{cm}^2$	3 in (7.6 cm) \emptyset	AC/DC (Li-ion Battery)		X		X	4 hrs	N	A/B, C/F, I, G

Specification	Details
Light Source	UV-A LED
Lamp Style	Cordless Flashlight
Lamp Head Diameter	1.25 in (3.2 cm)
Length	5.9 in (15 cm)
Power Requirements	One 3.7C 2200mA/Hr Li-Ion battery
Weight w/ battery	4.6 oz (130 g)
Charge Time	4 hrs (one or two batteries)



Kit Includes:

OPX-365 LED UV-A (365 nm) lamp with lanyard, two rechargeable batteries, smart charging cradle with AC and DC cord sets, UV-absorbing spectacles, belt holder and hard carrying case

