

Labino Standard MPXL

UV MPXL Inspection Lights



HIGH INTENSITY • IP65 RATED • LARGE BEAM • VARIOUS OPTIONS TO SUIT YOUR NEEDS

These Labino 35W MPXL UV lamps generate a very high UV intensity, suitable for inspections in heavy industries with very difficult operating environments.

Each lamp obtains full power in 5-15 seconds and can be switched on and off whenever used, without pre-cooling. Labino MPXL UV lamps have an ingress protection marking of IP65.

The Labino MPXL lamps are available in three important distinctions – Floodlight, Midlight or Spotlight – each giving different beams and intensities.

These lamps are shock proof, generate very little heat, and are unaffected by magnetic fields.

Labino MPXL lamps are based on two key components – the Labino DUV-35W Gas Discharge Bulb (MPXL technology) and the Labino Trigger Ballast (Electronics). The interface technology between these key components creates unbeatable output performance.

The DUV-35W bulb used in the Labino MPXL UV lamps has a peak wavelength of 365nm and an estimated life of 2,000 hours.

The Labino MPXL UV Lights include:

- 1 x MPXL UV Lamp (depending on model chosen)
- 1 x UV Blocking Glasses
- 1 x Mains Charger (battery versions only)

Advanced NDT Limited
Unit 4 Elgar Business Centre
Moseley Road, Hallow
Worcester WR2 6NJ

Prices & Specifications Subject To Change Without Notice.

E & O.E

Registered in England & Wales. Company No: 05957975

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Labino Compact and DUO UV lamps are operated via mains only.

The Labino Compact lamp contains a trigger ballast (electronics) and a bulb in a single housing, making it easier for the operator to use and move around large inspection areas, it weighs 2.3 kg (5 lbs).

The Labino DUO is a two-part lamp consisting of a lightweight luminary unit and a ballast (electronics) unit. The luminary unit weighs just 1.2 kg (2.6 lbs) and works best for time consuming and repetitive inspections within the same location. The ballast unit weighs 1.5 kg (3.3 lbs). This product is accompanied with two cords, a 3.0 meter (9.8 feet) cord that connects the luminary unit with the ballast unit and a 2.0 meter cord for the outlet.

The mains only lamps are available in either 115v or 230v.

Labino TrAc Light and TrAc Light PRO are battery operated.

The Labino TrAc Light lamp contains the trigger ballast (electronics), battery and bulb in a single housing. It weighs 2.3 kg (5.1 lbs). The battery has a running time of 1.3 hours and each unit is equipped with a current regulator to keep the intensity stable when the battery fades.

The Labino TrAc Light PRO is a two-part lamp consisting of a lightweight luminary unit and a ballast (electronics) unit. The luminary unit weighs just 1.1 kg (2.4 lbs) and the ballast unit weighs 2.4 kg (5.3 lbs). The battery has a running time of 2.5 hours. This model can also be plugged in to an electrical outlet and operated at the same time using the special charger.

The Labino MPXL UV Lamps are available in a variety of options, such as Mains or Battery versions, a choice of handle styles and a choice of beam profile.

The handle styles are: -

No Handle *includes side mounted lugs for attaching to your fixtures.*

Top Handle *only available on the Compact and TrAc Light version.*

Pistol Handle

The beam profile options are as follows: -

Floodlight

Distribution angle (beam) 45°

Irradiance $\geq 3,000 \mu\text{W}/\text{cm}^2$ at 38 cm

Midlight

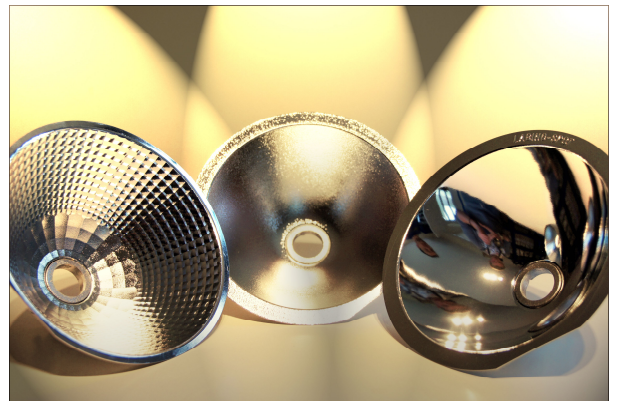
Distribution angle (beam) 20°

Irradiance $> 8,000 \mu\text{W}/\text{cm}^2$ at 38 cm

Spotlight

Distribution angle (beam) 3.5°

Irradiance $> 45,000 \mu\text{W}/\text{cm}^2$ at 38 cm



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135 - Compact with No Handle
135TL - TrAc Light with No Handle



S135 - Duo with No Handle



H135 - Compact with Top Handle
H135TL - TrAc Light with Top Handle



PS135 - Duo with Pistol Handle



PH135 - Compact with Pistol Handle
PH135TL - TrAc Light with Pistol Handle



TLP - TrAc Light Pro

	SPOTLIGHT	MIDLIGHT	FLOODLIGHT
Irradiance:	≈ 45,000 $\mu\text{w}/\text{cm}^2$	≈ 8,000 $\mu\text{w}/\text{cm}^2$	≈ 3,000 $\mu\text{w}/\text{cm}^2$
Visible Light:	<10 Lux / 1.0 fc	<3 Lux / 0.3 fc	<2 Lux / 0.2 fc
Beam Diameter: > 1,200 $\mu\text{w}/\text{cm}^2$:	125mm (4.9")	200mm (7.9")	250mm (9.8")

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