

## Labino Ultra Violet Lights

The Labino Ultra Violet lamps are based on two key components – Labino DUV-35 W Gas Discharge Bulb (MPXL-technology) and Labino Trigger Ballasts (Electronics). The interface technology between these key Components creates unbeatable output performance. All UV lamps have three important distinctions; Floodlight, Midlight or Spotlight, giving different beams and UV-intensities. The Labino lamps have unbeatable UV intensity, creating extreme excitation of fluorescent material, even in daylight and at great distances, that with former technology has been impossible. The lamps obtain full power in 5-15 seconds and can be switched on and off whenever used, without pre-cooling.

The lamps are shock proof, unaffected by magnetic fields, and have very low heat generation.

You can use the lamps outdoors, as they are IP65 classified.

### Compact (Mains Powered) UV Lamp Models: 135, H135 and PH135

H=Handle, PH=Pistol Handle, 135=without any handle but with a pair of mounting brackets (for stationary mounting), one on each side of lamp. Weight: 2.25 kg. Cable length: 2.0 m.



135 - UV



H135 - UV



PH135 - UV

### Duo (Mains Powered) UV Lamp Models: S135 and PS135

A two-part lamp comprising of a luminary unit and a ballast unit (electronics).

The luminary unit is both short in length and light in weight.

S=Short (without any handle but with a pair of mounting brackets, one on each side). PS=Pistol Short.

Weight: luminary unit: 1.2 kg; ballast unit: 1.5 kg. Cable length: mains cable: 2.0 m; luminary – ballast units: 3.0 m.



S135 - UV



PS135 - UV

### Portable UV Lamp Models: TrAc Light & TrAc Light Pro



*TrAc Light - PH135TL & H135TL  
Battery Powered*



*TrAc Light Pro  
Battery & Mains  
Powered Combined*

Technical Specifications	TrAc Light (H135TL & PH135TL)	TrAc Light Pro
Operating Time	1 hour, 20 minutes	2 hours, 30 minutes
Charging Time from Mains	Approx. 3 hours	Approx. 6 hours
Weight of Hand Unit	2.3 Kg	1.1 Kg
Weight of electronics / battery unit	-	2.4 Kg
Total Weight	2.3 Kg	3.5 Kg
Option: Spotlight Reflector	✓	✓
Option: Midlight Reflector	✓	✓
Option: Floodlight Reflector	✓	✓
Also Available as White Lamp	✓	✓
Delivered With Charger	✓	✓
Plug in to mains and operate at the same time	✗	✓
Delivered fully charged	✓	✓
Batteries	1 x Lithium-ion 14.8v	2 x Lithium-ion 14.8v
Minimum Re-charging Cycle	Once a year	Once a year
Standard cable length between electronics and hand unit	Compact Model	2.5 meters
Maximum cable length available between electronics and hand unit (option)	Compact Model	8 meters
Charger Cable Length	2 Meters	2 Meters
Sealed to IP65	✓	✓
Wavelength	UV-A, peak at 365nm	UV-A, peak at 365nm
UV Protection recommended	✓	✓

## TECHNICAL SPECIFICATION

### Beam and irradiance

**Spotlight** Distribution angle (beam) 3.5°  
Irradiance > 50 000 µW/cm<sup>2</sup>=at 30 cm

**Midlight** Distribution angle (beam) 20°  
Irradiance > 8000 µW/cm<sup>2</sup>=at 30 cm

**Floodlight** Distribution angle (beam) 45°  
Irradiance ≥3500 µW/cm<sup>2</sup>=at 30 cm

### Handels and mounting

Top Handle, Pistol Handle, Open Handle  
Mounting Brackets

**Voltage** 100VAC, 115VAC, 230 VAC or  
12-24 VDC

**Input power** 43 W

**Output power** 35 W

**Mechanical stability (bulb)** IEC810

**Service life (bulb)** appr. 2 000 h

**Wavelength** UV-A, peak at 365 nm

**Start-up time** full power after 5-15 sec

**Material in housing** anodized aluminium,  
plastics PA6-30

**The housing** is via premilled slots prepared  
for mounting devices

**S, CE, ETL/cETL** approved

**IP65 classified** dust and temporary water  
jetting proof

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