



MAKES IT BRIGHT

365 nm | NO UV-B | NO VISIBLE LIGHT MIDLIGHT OR FLOODLIGHT

- The Labino® BigBeam UV Led Mains is a lamp based on UV LED technology, operated via mains power supply.
- The light emitting diodes emit a beam of light that is “evenly” distributed. The lamp is available in two different beams – Midlight and Floodlight.
- The Labino® BigBeam UV Led is 100% free from UV-B.
- The diodes emit almost no white light¹.
- Its compact size makes it easy to work with and with an instant-start function you get full power immediately.
- At a distance of 380 mm the Labino BigBeam UV Floodlight has an initial intensity of approximately 3 500 $\mu\text{W}/\text{cm}^2$. The Midlight version has an initial intensity of more than 6 000 $\mu\text{W}/\text{cm}^2$. (The intensity goes down with approximately 500 μW after it has been warmed up.
- Manufactured in Sweden.



TECHNICAL SPECIFICATION – OPERATED VIA MAINS POWER SUPPLY

Light Beam

- Midlight \approx 6 000-5 500 $\mu\text{W}/\text{cm}^2$ at 38 cm (15 inches)
Ø 270 mm (total area with a minimum intensity of 1200 $\mu\text{W}/\text{cm}^2$ at 38 cm)
- Floodlight \approx 3 500- 2800 $\mu\text{W}/\text{cm}^2$ at 38 cm (15 inches)
Ø 310 mm (total area with a minimum intensity of 1200 $\mu\text{W}/\text{cm}^2$ at 38 cm)

LED

- LED: 9 UV Led
- Wavelength: UV-A, peak 365 nm

Visible light

- \approx 1 Lux¹ / 0.09 Foot Candle¹ (380-780 nm)

Handle

- Pistol Handle

Voltage

- 100-240 VAC

Cables & Power Supply

- Mains Cable: 2 m
- Driver spiral cable: 2 m (fully extended), 16 VDC
- Power Supply includes wall mounting brackets

Additional Information

- Weight: 1.2 kilos (2.64 pounds)
- Housing diameter: 140 mm (5.67 inches)
- Start-up time: Instant-on operation with immediate full power
- Material in housing: anodized aluminium, plastics PA6-30
- CE approved
- IP65 classified, dust and temporary water jetting proof

¹ The standard EN 3059 5.2 and ISO 9934-3 recommend to use a UV-block filter on the sensor of the Visible light meter eliminating all UV (below 380 nm) to get the accurate amount of visible light.

DISTRIBUTOR:

ADVANCED NDT LTD

www.advanced-ndt.co.uk

Advanced NDT Limited

Orchard House, Orchard Close
Severn Stoke, Worcester, WR8 9JJ, England
Tel: 01905 371460 Fax: 01905 371477

Web: www.advanced-ndt.co.uk

Email: sales@advanced-ndt.co.uk



MAKES IT BRIGHT

365 nm | NO UV-B | NO VISIBLE LIGHT MIDLIGHT OR FLOODLIGHT

- The Labino® BigBeam UV Led Duo Power is a portable lamp based on UV LED technology. The lamp is battery operated, but it is possible to run the unit via mains while charging the battery.
- The light emitting diodes emit a beam of light that is “evenly” distributed. The lamp is available in two different beams – Midlight and Floodlight.
- The Labino® BigBeam UV Led is 100% free from UV-B.
- The diodes emit almost no visible light¹.
- Its compact size makes it easy to work with and with an instant-start function you get full power immediately.
- At a distance of 380 mm the Labino BigBeam UV Floodlight has an initial intensity of approximately 3 500 $\mu\text{W}/\text{cm}^2$. The Midlight version has an initial intensity of more than 6 000 $\mu\text{W}/\text{cm}^2$. (The intensity goes down with approximately 500 μW after it has been warmed up.
- Manufactured in Sweden.



TECHNICAL SPECIFICATION – BATTERY OPERATED

Light Beam

- Midlight \approx 6 000-5 500 $\mu\text{W}/\text{cm}^2$ at 38 cm (15 inches)
Ø 270 mm (total area with a minimum intensity of 1200 $\mu\text{W}/\text{cm}^2$ at 38 cm)
- Floodlight \approx 3 500-2 800 $\mu\text{W}/\text{cm}^2$ at 38 cm (15 inches)
Ø 310 mm (total area with a minimum intensity of 1200 $\mu\text{W}/\text{cm}^2$ at 38 cm)

LED

- LED: 9 UV Led
- Wavelength: UV-A, peak at 365 nm

Visible light

- \approx 1 Lux¹ / 0.09 Foot Candle¹ (380-780 nm)

Handle

- Pistol Handle

Voltage

- Charger: 100-240 VAC

Internal Battery

- 14.8 V Li-ion accumulator
- Running time: 2 hr 30 min +/- 5%
- Charging time while not operating the lamp: approx. 1 hr and 20 min
- Charging time while operating simultaneously via mains: 4 hrs
- Charge from mains via wall socket charger

Additional Information

- Weight: 1.7 kilos (3.74 pounds)
- Housing diameter: 140 mm (5.67 inches)
- Start-up time: Instant-on operation with immediate full power
- Material in housing: anodized aluminium, plastics PA6-30
- Equipped with a current regulator to keep the intensity stable when the battery fades
- CE approved
- IP65 classified, dust and temporary water jetting proof

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MAKES IT BRIGHT

365 nm LED | 9.5 m CABLE | EASY TO MOUNT | MIDLIGHT OR FLOODLIGHT

- The Labino® BigBeam UV Led Cable Winder is a light based on UV LED technology, operated via mains power supply connected to a Cable Winder.
- Drum with ball bearing on both sides and a snap on wall bracket for easy mounting.
- Unique safety latch that keeps the wire stable and allows the user to carry the inspection without resistance.
- High quality rubber cable.
- At a distance of 380 mm the Labino BigBeam UV Floodlight has an initial intensity of approximately 3 500 $\mu\text{W}/\text{cm}^2$. The Midlight version has an initial intensity of more than 6 000 $\mu\text{W}/\text{cm}^2$.
- The light beam of the Floodlight measures 250 mm in diameter and the Midlight version measures 200 mm.
- Manufactured in Sweden.



TECHNICAL SPECIFICATION – OPERATED VIA MAINS POWER SUPPLY

Light Beam

- Midlight $\approx 6\,000\text{--}5\,500\ \mu\text{W}/\text{cm}^2$ at 38 cm (15 inches)
 $\varnothing 200\ \text{mm}$ (total area with a minimum intensity of $1000\ \mu\text{W}/\text{cm}^2$ at 38 cm)
- Floodlight $\approx 3\,500\text{--}2\,800\ \mu\text{W}/\text{cm}^2$ at 38 cm (15 inches)
 $\varnothing 250\ \text{mm}$ (total area with a minimum intensity of $1000\ \mu\text{W}/\text{cm}^2$ at 38 cm)

LED

- LED: 9 UV Led
- Wavelength: UV-A, peak 365 nm

Visible light

- $\approx 1\ \text{Lux}^1 / 0.09\ \text{Foot Candle}^1$ (380-780 nm)

Handle

- Pistol Handle

Voltage

- 100-240 VAC

Additional Information BigBeam

- Weight: 1.2 kilos (2.64 pounds)
- Housing diameter: 140 mm (5.67 inches)
- Start-up time: Instant-on operation with immediate full power
- Material in housing: anodized aluminium, plastics PA6-30
- CE approved
- IP65 classified, dust and temporary water jetting proof

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Cables & Power Supply

- Mains Cable: 2 m
- Driver cable: 9.5 m (31 feet) (fully extended), 16 VDC

¹ The standard EN 3059 5.2 and ISO 9934-3 recommend to use a UV-block filter on the sensor of the Visible light meter eliminating all UV (below 380 nm) to get the accurate amount of visible light.

Labino® BigBeam Helios UV Led Mains



MAKES IT BRIGHT

365 nm | NO UV-B | NO VISIBLE LIGHT MIDLIGHT OR FLOODLIGHT

- The Labino® BigBeam **Helios** UV Led Mains is a lamp based on UV LED technology, operated via mains power supply.
- The light emitting diodes emit a beam of light that is “evenly” distributed. The lamp is available in two different beams – Midlight and Floodlight.
- The Labino® BigBeam Helios UV Led is 100% free from UV-B.
- The diodes emit almost no white light¹.
- Its compact size makes it easy to work with and with an instant-start function you get full power immediately.
- At a distance of 380 mm the Labino BigBeam Helios UV Floodlight has an initial intensity of approximately 5 500 $\mu\text{W}/\text{cm}^2$. The Midlight version has an initial intensity of approximately 8 500 $\mu\text{W}/\text{cm}^2$ (the intensity goes down with approximately 500 μW after it has been warmed up).
- Manufactured in Sweden.



TECHNICAL SPECIFICATION – OPERATED VIA MAINS POWER SUPPLY

Light Beam

- Midlight \approx 8 500-8 000 $\mu\text{W}/\text{cm}^2$ at 38 cm (15 inches)
Ø 275 mm (total area with a minimum intensity of 1200 $\mu\text{W}/\text{cm}^2$ at 38 cm)
- Floodlight \approx 5 500-5 000 $\mu\text{W}/\text{cm}^2$ at 38 cm (15 inches)
Ø 330 mm (total area with a minimum intensity of 1200 $\mu\text{W}/\text{cm}^2$ at 38 cm)

LED

- LED: 9 UV Led
- Wavelength: UV-A, peak 365 nm

Visible light

- \approx 1 Lux¹ / 0.09 Foot Candle¹ (380-780 nm)

Handle

- Pistol Handle

Voltage

- 100-240 VAC

Additional Information

- Weight: 1.2 kilos (2.64 pounds)
- Housing diameter: 140 mm (5.67 inches)
- Start-up time: Instant-on operation with immediate full power
- Material in housing: anodized aluminium, plastics PA6-30
- CE approved
- IP65 classified, dust and temporary water jetting proof

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Cables & Power Supply

- Mains Cable: 2 m
- Driver spiral cable: 2 m (fully extended), 16 VDC
- Power Supply includes wall mounting brackets

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Labino® BigBeam Helios UV Led Duo



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MIDLIGHT OR FLOODLIGHT

- The Labino® BigBeam **Helios** UV Led Duo Power is a portable lamp based on UV LED technology. The lamp is battery operated, but it is possible to run the unit via mains while charging the battery.
- The light emitting diodes emit a beam of light that is “evenly” distributed. The lamp is available in two different beams – Midlight and Floodlight.
- The Labino® BigBeam Helios UV Led is 100% free from UV-B.
- The diodes emit almost no visible light¹.
- Its compact size makes it easy to work with and with an instant-start function you get full power immediately.
- At a distance of 380 mm the Labino BigBeam Helios UV Floodlight has an initial intensity of approximately 5 500 $\mu\text{W}/\text{cm}^2$. The Midlight version has an initial intensity of approximately 8 500 $\mu\text{W}/\text{cm}^2$ (the intensity goes down with approximately 500 μW after it has been warmed up).
- Manufactured in Sweden.



TECHNICAL SPECIFICATION – BATTERY OPERATED

Light Beam

- Midlight \approx 8 500-8 000 $\mu\text{W}/\text{cm}^2$ at 38 cm (15 inches)
Ø 275 mm (total area with a minimum intensity of 1200 $\mu\text{W}/\text{cm}^2$ at 38 cm)
- Floodlight \approx 5 500-5 000 $\mu\text{W}/\text{cm}^2$ at 38 cm (15 inches)
Ø 330 mm (total area with a minimum intensity of 1200 $\mu\text{W}/\text{cm}^2$ at 38 cm)

LED

- LED: 9 UV Led
- Wavelength: UV-A, peak at 365 nm

Visible light

- \approx 1 Lux¹ / 0.09 Foot Candle¹ (380-780 nm)

Handle

- Pistol Handle

Voltage

- Charger: 100-240 VAC

Internal Battery

- 14.8 V Li-ion accumulator
- Running time: 2 hr 30 min +/- 5%
- Charging time while not operating the lamp: approx. 1 hr and 20 min
- Charging time while operating simultaneously via mains: 4 hrs
- Charge from mains via wall socket charger

Additional Information

- Weight: 1.7 kilos (3.74 pounds)
- Housing diameter: 140 mm (5.67 inches)
- Start-up time: Instant-on operation with immediate full power
- Material in housing: anodized aluminium, plastics PA6-30
- Equipped with a current regulator to keep the intensity stable when the battery fades
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MAKES IT BRIGHT

**40-60 % MORE POWERFUL
365 nm LED | 9.5 m CABLE | EASY TO
MOUNT | MIDLIGHT OR FLOODLIGHT**

- The Labino® BigBeam Helios Cable Winder is a light based on UV LED technology, operated via mains power supply connected to a Cable Winder.
- Drum with ball bearing on both sides and a snap on wall bracket for easy mounting.
- Unique safety latch that keeps the wire stable and allows the user to carry the inspection without resistance.
- High quality rubber cable.
- At a distance of 380 mm the Labino BigBeam Helios Floodlight has an initial intensity of approximately 5 500 $\mu\text{W}/\text{cm}^2$. The Midlight version has an initial intensity of more than 8 500 $\mu\text{W}/\text{cm}^2$.
- The light beam of the Floodlight measures 330 mm in diameter and the Midlight version measures 275 mm.
- Manufactured in Sweden.



TECHNICAL SPECIFICATION – OPERATED VIA MAINS POWER SUPPLY

Light Beam

- Midlight $\approx 8\,500\text{--}8\,000\ \mu\text{W}/\text{cm}^2$ at 38 cm (15 inches)
Ø 275 mm (total area with a minimum intensity of 1000 $\mu\text{W}/\text{cm}^2$ at 38 cm)
- Floodlight $\approx 5\,500\text{--}5\,000\ \mu\text{W}/\text{cm}^2$ at 38 cm (15 inches)
Ø 330 mm (total area with a minimum intensity of 1000 $\mu\text{W}/\text{cm}^2$ at 38 cm)

LED

- LED: 9 UV Led
- Wavelength: UV-A, peak 365 nm

Visible light

- $\approx 1\ \text{Lux}^1 / 0.09\ \text{Foot Candle}^1$ (380-780 nm)

Handle

- Pistol Handle

Voltage

- 100-240 VAC

Cables & Power Supply

- Mains Cable: 2 m
- Driver cable: 9.5 m (31 feet) (fully extended), 16 VDC

Additional Information BigBeam Helios

- Weight: 1.2 kilos (2.64 pounds)
- Housing diameter: 140 mm (5.67 inches)
- Start-up time: Instant-on operation with immediate full power
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