



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 $\approx 6\,000\text{--}5\,500\ \mu\text{W}/\text{cm}^2$ 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 $\approx 3\,500\text{--}2800\ \mu\text{W}/\text{cm}^2$ 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

- $\approx 1\ \text{Lux}^1$ / 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:

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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 $\approx 6\,000\text{--}5\,500\ \mu\text{W}/\text{cm}^2$ 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 $\approx 3\,500\text{--}2\,800\ \mu\text{W}/\text{cm}^2$ 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

- $\approx 1\ \text{Lux}^1 / 0.09\ \text{Foot Candle}^1$ (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

DISTRIBUTOR:



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 UV Led Cable Winder



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)
Ø 200 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)
Ø 250 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

DISTRIBUTOR



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

- $\approx 1\text{ Lux}^1 / 0.09\text{ Foot Candle}^1$ (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

DISTRIBUTOR:



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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

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 Duo}



MAKES IT BRIGHT

365 nm | NO UV-B | NO VISIBLE LIGHT
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 $\approx 8\,500\text{--}8\,000\ \mu\text{W}/\text{cm}^2$ 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 $\approx 5\,500\text{--}5\,000\ \mu\text{W}/\text{cm}^2$ 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

- $\approx 1\ \text{Lux}^1 / 0.09\ \text{Foot Candle}^1$ (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

DISTRIBUTOR:



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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 Cable Winder



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
- Material in housing: anodized aluminium, plastics PA6-30
- CE approved
- IP65 classified, dust and temporary water jetting proof

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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.

BigBeam Aerospace RRES 90061



MAKES IT BRIGHT

COMPLIES WITH ROLLS-ROYCE MANUFACTURING REQUIREMENTS RRES 90061

The Labino BigBeam Aerospace RRES 90061 is especially designed to meet the manufacturer's requirement from Rolls-Royce. The differences between BigBeam Aerospace RRES 90061 and the regular BigBeam models is:

- ✓ Intensity approximately 4 000 $\mu\text{W}/\text{cm}^2$
- ✓ Extremely homogenous light beam
- ✓ Supplied with test report according to RRES 90061

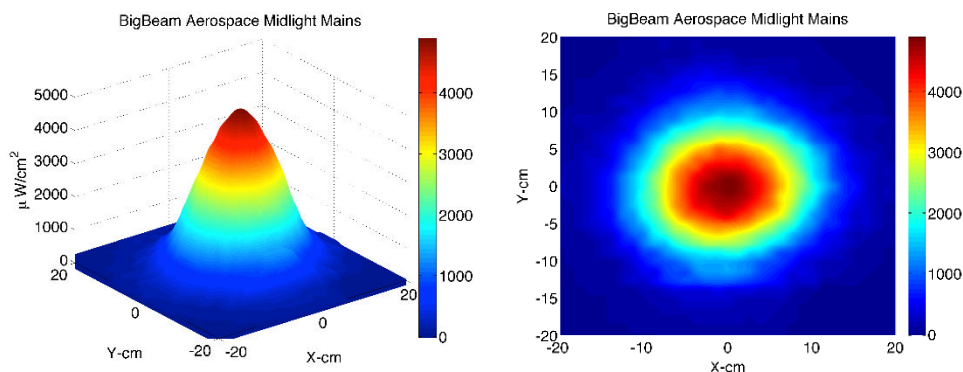
The BigBeam Aerospace RRES 90061 is available both as DUO operated (battery-operated with a possibility to operate while charging) and Mains. The battery is located inside the hand unit for a cordless operation.

The beam profile is very crucial for the Aerospace industry. This UV light is specially developed to offer a beam that is homogenous – without any footprints showing from the LEDs, shades, dark spots or other disturbing defects in the beam. The edge of the beam is fading out according to the requirements in the Rolls-Royce manufacturer's requirement. See illustrations below.



BEAM PROFILE

Beam profile to illustrate the UV intensity:



Beam pattern (white paper test):



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BigBeam Aerospace RRES 90061



INCLUDED IN THE BIGBEAM DUO KIT



INCLUDED IN THE BIGBEAM MAINS KIT



OPTIONAL ACCESSORIES



Carrying case



Cable Winder



Flexible Arm (Stand)



PSU Protection box



Protection Frame



Handle adaptor for stand

MAKES IT BRIGHT

TECHNICAL SPECIFICATIONS:

Light Beam

- Intensity $\approx 4\,000\ \mu\text{W}/\text{cm}^2$ at 38 cm (15")
- LED: 9 UV Led
- Wavelength: UV-A, peak at 365 nm
- No UVB
- Approximately 1 Lux / 0.09 Foot Candle¹ (380-780 nm)

Internal Battery & Charger (DUO)

- 14.8 V Li-ion accumulator
- Running time: 3 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
- Charger: 100-240 VAC

Mains version

- External Power Supply Unit
- 100-240 volt
- Driver spiral cable: 2 m (fully extended)

Additional Information

- Weight DUO: 1.7 kilos (3.74 pounds)
- Weight Mains: 1.2 kg (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
- Equipped with a current regulator to keep the intensity stable when the battery fades
- Pistol Handle

Certification

- CE approved
- IP65 classified
- Complies with: RRES 90061