

MIDBEAM 2.0

NEW PRODUCT!

The perfect tool! An extremely robust, lightweight and compact UV inspection light. Choose between Zeus and Hermes. Provide an extremely uniform beam.



The Labino MidBeam 2.0, based on LED technology, is more compact and weighs less than many comparable products on the market today. The mains operated model weighs just 732 grams (1.6 lbs) and the battery operated model weighs just 781 grams (1.7 lbs)! MidBeam 2.0 is an extremely robust hand held lamp with four LEDs in a housing diameter of just 8 cm (3.15 inches), especially designed for heavy industries with very difficult operating environments. The MidBeam 2.0 is available in two different versions, Zeus and Hermes. All models are risk class 3.

MIDBEAM 2.0 ZEUS

The Zeus version generates an intensity of approximately 5 000 $\mu\text{W}/\text{cm}^2$ at 38 cm (15 inches) and is equipped with a white light LED for after inspection. Battery running time is two hours.



MIDBEAM 2.0 HERMES

The Midbeam 2.0 Hermes differs from the Standard version as follows:

- A. The Hermes version does not have a white light LED for after inspection.
- B. The intensity of the Hermes version is adjusted to never exceed 4 000 $\mu\text{W}/\text{cm}^2$ at 38 cm (15 inches).
- C. The battery running time of the Hermes version is in excess of two hours.

The optics of this unit are specifically designed to meet the Rolls-Royce engineering specification RRES 90061.



NEW! MIDBEAM 2.0 LED

MAINS VERSION



- ✓ 4 UV LED's
- ✓ 1 White Light LED (optional)



- ✓ Position it on your flexible arm
- ✓ Your choice of cable length

BATTERY VERSION



- ✓ Operate while charging



- ✓ Batteries inside the handle
- ✓ Camera mount

MIDBEAM IS AVAILABLE IN TWO DIFFERENT VERSIONS WITH THE FOLLOWING PERFORMANCE CHARACTERISTICS

Output Characteristics	MidBeam 2.0 Zeus Version	MidBeam 2.0 Hermes Version
Intensity *	≈ 5 000 $\mu\text{W}/\text{cm}^2$	≈ 4 000 $\mu\text{W}/\text{cm}^2$
Visible Light *	<1 Lux / 0.09 fc	<1 Lux / 0.09 fc
Beam >1 200 $\mu\text{W}/\text{cm}^2$ *	Ø 200 mm (7.9 ")	Ø 190 mm (7.5 ")
Ultraviolet LED	Four	Four
White Light LED	One	Zero

* At a distance of 38 cm (15 inches)

NEW FEATURES OF MIDBEAM 2.0

- ◆ **IP68 Waterproof classification:** Solids and liquids that often find their way into a light causing UV LEDs to burn cannot penetrate a Midbeam 2.0 unit.
- ◆ **Battery indicator:** Four colors: green, yellow, orange and red – signal the user when the batteries are over 75%, 50-75%, 25-50% and below 25% charged respectively. With less than 10% left the red signal starts flashing.
- ◆ **Operates while charging batteries:** The battery version can operate like mains while charging the batteries via a connector at the back of the head.
- ◆ **Aerosol spray accessory "Athena"** is an innovative accessory that is mounted on MidBeam 2.0 and allows the NDT Inspector to operate the spray can simultaneously with a strong UV light that is compliant with ASTM E3022. The light and compact characteristics of MidBeam 2.0 make this possible.
- ◆ **Flexible length:** Cable for mains is equipped with connectors for easy replacement and flexible length.
- ◆ Clear glass protection filter.

YOUR CHOICE...

- A. **Version:** MidBeam 2.0 Zeus or MidBeam 2.0 Hermes.
- B. **Power Source:** All MidBeam 2.0 models are available as Battery or Mains. Four batteries are supplied with each unit and two are needed to operate. The batteries are conveniently located inside the pistol handle, making the ergonomics of the unit stable, removing concerns of loose belts or battery boxes during inspections. Each unit is equipped with a current regulator in order to maintain the UV intensity constant even when the battery fades. The design of the mains version makes it easy for the operator to support the light with a common stand on a bench through the empty space in the handle. The location of the cable (coming out from below the handle) makes it easy to operate.
- C. **Accessories:** MidBeam 2.0 LED comes with a carrying case. Add a rubber bumper to protect your unit or a flexible arm for your convenience. A UV Block Visor is recommended for your protection.
- D. **Plug Type:** EU or UK or US/AS or AU



MIDBEAM ON FLEXIBLE ARM



MIDBEAM ON FRICTION ARM

LED: 4
 Wavelength: 365 nm (peak)
 Estimated LED life time: 30 000 hours
 100% free from UV-B
 White light block filter
 Power supply: Battery or Mains
 Housing diameter: 3.15 inches (8 cm)

Weight battery: 781 grams (1.7 lbs)
 Weight Mains: 732 grams (1.6 lbs)
 Battery running time:
 Zeus Version – 1.5 hours (+/- 5%)
 Hermes Version – 3 hours (+/- 5%)
 White light LED Standard Version: I
 Cooling system: Mechanical without fan
 Current regulator



INCLUDED WITH ALL MIDBEAM 2.0 BATTERY

1. External charger – two batteries can be charged simultaneously
2. 12 V charger for use in a vehicle
3. Power supply for charging while operating (Version available EU::UK::US/AS::AU)
4. Four Batteries (2 extra)
5. MidBeam 2.0 Light
6. UV Goggles
7. Carrying Case



INCLUDED WITH ALL MIDBEAM 2.0 MAINS

1. AC Power Cord (Version available EU::UK::US/AS::AU)
2. Power Supply Unit 100-240 V AC.
3. MidBeam 2.0 Light with Cord
4. UV Goggles
5. Carrying Case



AEROSOL SPRAY ACCESSORY ATHENA