



COMPLIES WITH ROLLS-ROYCE MANUFACTURING REQUIREMENTS RRES 90061

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

- Intensity approximately 2 600 $\mu\text{W}/\text{cm}^2$
- Extremely homogenous light beam
- Supplied with test report according to RRES 90061

MidBeam Aerospace RRES 90061 is a handheld lamp, extremely compact in size, available as Battery or Mains. The mains operated model weigh just 440 grams (0.97 lbs) and the battery operated model weigh 560 grams (1.23 lbs).

Each light consists of 4 LEDs offering an extremely even beam. The start button provides instant power. It is easy for the battery version to switch batteries. The location of the batteries (inside pistol handle) makes the ergonomics of the unit stable. Four batteries are provided and two are needed to operate. The design of the mains version makes it easy to support the light with a common stand on a bench.

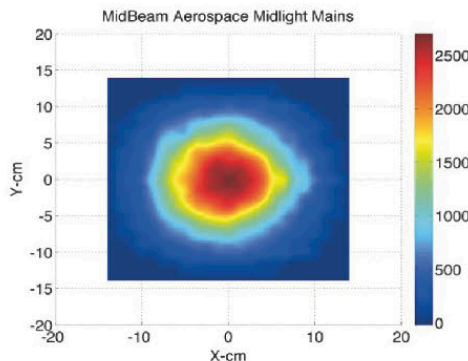
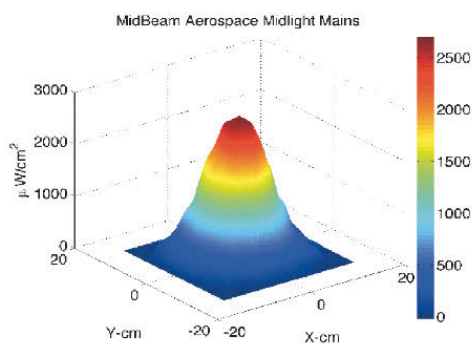
The beam profile is very crucial for the Aerospace industry. This UV light is specially developed to offer a beam that is homogenous – without any footprints showing from the LEDs, shades, dark spots or other disturbing defects in the beam. The edge of the beam is fading out according to the requirements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



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BEAM PROFILE

Beam profile to illustrate the UV intensity:



Beam pattern (white paper test):



TECHNICAL SPECIFICATIONS:

Light Beam

- 4 UV LED, peak at 365 nm
- Intensity $\approx 2\,600\ \mu\text{W}/\text{cm}^2$ at 38 cm (15")
- No UVB
- $\approx 1\ \text{Lux}^1 / 0.09\ \text{Foot Candle}$ (380-780 nm)

Battery

- 2200 mAh Lithium-Ion, 3.7 V
- Running time: approx. 3 hrs
- Charging time: approx. 8 hrs
- Requires 2 batteries to operate
- Equipped with a current regulator to keep the intensity stable when the battery fades

Charger

- 100-240 VAC charger for use from electrical outlet
- Two batteries can be charged simultaneously
- 12 V charger for use in vehicle

Power Supply for Mains

- 100-240 V
- 50-60 Hz
- Operated by separate PSU with self-selecting voltage
- Cable: 5 Volt
- Cable length: 1.5 m (4.9 feet)

Additional Information

- Weight: without battery: 440 gr (0.97 pounds); with battery: 560 gr (1.23 pounds)
- Housing diameter: 80 mm (3.15")
- Start-up time: Instant-on operation with immediate full power
- Material in housing: anodized aluminium
- Mechanical cooling system

Certification

- CE approved
- IP43 classified
- Complies with: RRES 90061



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