

BIGBEAM LED

Generates a large beam that covers large areas
Increase BigBeam intensity by 40-60% with Helios LED



BIGBEAM STANDARD

The smooth and large beam of this portable UV inspection light makes the BigBeam a useful tool for any inspection, either on the field or on a bench. BigBeam is widely used by manufacturers of stationary MPI benches. NDT professionals worldwide recognize Bigbeam's qualities, making it Labino's best-selling product for many years in a row. This lamp is based on LED technology and offers you a very narrow spectra with a peak wavelength of 365 nm. Each unit consists of 9 ultraviolet LEDs. Each LED's life is estimated at 30,000 hours. All electronics as well as LEDs are placed in a single housing with the diameter not exceeding 15.5 cm (6.1 inches).



BIGBEAM HELIOS

Labino Helios LED is the latest generation LED offered by Labino. If your objective is to maximize intensity, this is it. BigBeam Helios provides up to 60% higher intensity on the floodlight and 40% higher intensity on the midlight. The only difference between a BigBeam and a BigBeam Helios is intensity. All other specifications are the same.



BIGBEAM AEROSPACE RRES 90061

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



BIGBEAM IS AVAILABLE IN THREE DIFFERENT VERSIONS WITH THE FOLLOWING PERFORMANCE CHARACTERISTICS

Output Characteristics	BigBeam Standard Version		BigBeam Helios Version		BigBeam Aerospace RRES 90061
	Floodlight	Midlight	Floodlight	Midlight	
Intensity *	>3 500 $\mu\text{W}/\text{cm}^2$	>6 000 $\mu\text{W}/\text{cm}^2$	>5 500 $\mu\text{W}/\text{cm}^2$	>8 500 $\mu\text{W}/\text{cm}^2$	\approx 4 000 $\mu\text{W}/\text{cm}^2$
Visible light *	<1 Lux / 0.09 fc	<1 Lux / 0.09 fc	<1 Lux / 0.09 fc	<1 Lux / 0.09 fc	\approx 1 Lux / 0.09 fc
Beam >1 200 $\mu\text{W}/\text{cm}^2$ *	\varnothing 310 mm (12.2")	\varnothing 270 mm (10.6")	\varnothing 330 mm (13.0")	\varnothing 275 mm (10.8")	\varnothing 250 mm (9.8")
Ultraviolet LED	Nine	Nine	Nine	Nine	Nine

* At a distance of 38 cm (15 inches)

In all BigBeam models the start function provides full power instantly. This product is IP65 approved for dust and water jet. BigBeam is 100% free from UV-B and each unit is equipped with a white light block filter which helps the lamp emit almost no visible light. Each unit is available with a certificate of compliance for ASTM E3022-2015 or RRES 90061 or both, depending on your choice of model.

YOUR CHOICE...

A. **Version:** Standard, Helios or Aerospace RRES 90061

B. **Power Source:** All BigBeam models are available as Battery and Mains (DUO) or just Mains. The DUO is battery operated, but it is possible to run the unit via mains while charging the battery. The battery has a running time of 3.5 hours (+/- 5%). Each DUO unit is equipped with a current regulator to keep the intensity steady when the battery fades. The mains model is equipped with a 2 meter long extendable cord although it is possible to order a longer customized version of your choice or buy a BigBeam on a cable winder for convenience. Total weight of the DUO model is 1.7 kilos (3.74 lbs) and of the Mains model 1.2 kilos (2.64 lbs). Both models (DUO and Mains) come with a pistol handle as a standard. Mounting brackets for fixed installations are optional.

C. **Beam:** BigBeam Standard and BigBeam Helios are available in two different beams, Floodlight and Midlight. BigBeam Aerospace RRES 90061 is available in a single beam.

D. **Accessories:** Add a carrying case, a cable winder or a friction arm for your convenience. A UV Block Visor is recommended for your protection.

E. **Plug Type:** EU or UK or US/AS or AU



BIGBEAM ON FRICTION ARM



BIGBEAM ON FLEXIBLE ARM



BIGBEAM HELIOS ON A LABINO CABLE WINDER

LED: 9
Wavelength: 365 nm (peak)
Estimated LED life time: 30 000 hours
100% free from UV-B
White light block filter

Power supply: Battery and Mains (DUO) or just Mains (AC)
Housing diameter: 6.1 inches (15.5 cm)
Weight DUO: 1.7 kilos (3.74 lbs)
Weight Mains: 1.2 kilos (2.64 lbs)
Battery running time: 3.5 hours (+/- 5%)



INCLUDED WITH BIGBEAM MAINS
1. DC Power Cord
(Version available EU::UK::US/AS::AU).
2. Power Supply Unit 100-240 V AC.
3. BigBeam light with cord.
4. UV Goggles.



INCLUDED WITH BIGBEAM DUO
1. One Charger
(Version available EU::UK::US/AS::AU).
2. BigBeam light.
3. UV Goggles.



BIGBEAM MOUNTED WITH MOUNTING BRACKETS



BIGBEAM IN CASE