LED BENCH LIGHT GALAXY

Galaxy's modular feature allows YOU to design the area to be covered.
You can now mount together as many Galaxies as you require to cover large areas

The Labino Overhead Inspection System Galaxy, based on LED technology, is more compact and weighs less than many comparable products on the market today. Each Galaxy unit weighs just 2.2 kilos (4.85 lbs)! Galaxy is also compact in size with 20 cm (7.87 inches) long, 15 cm (5.9 inches) wide and 4.1 cm (1.6 inches) high. It is designed for use on specialized benches for conducting FPI and MPI Inspections on metallic parts of all shapes and sizes. The light weight and compact size makes it is easy for the user of the bench to operate and move around the inspected area, if necessary.

The distinctive feature of this system is its modular design. Users whose inspection tasks require coverage of large areas can use this modular system to design their own covered areas. A user can expand the covered area by connecting together any number of Galaxy units required, either from the long or the short side. The Labino Galaxy is available as a Midlight and a Floodlight. Each Galaxy unit consists of 12 UV LEDs with each LED having an estimated life of 30 000 hours. This bench light is also equipped with a white light LED for after inspection.

- At full capacity Labino Galaxy generates an intensity greater than 7 000 μW/cm^2 for the midlight and greater than 5 000 μW/cm^2 for the floodlight, at 38 cm (15 "). It is filtered to emit almost no visible light.
- Full power is achieved instantly with the start button.
- The Galaxy is 100% free from UV-B. It is compliant with ASTM UV-A intensity and wavelength specifications for FPI and MPI. IP65 approved for dust and water jet.

SPECIAL FEATURES WITH STANDARD CONTROL PANEL (F605)

Dimmer The UV light can be dimmed down up to 20% of its full capacity. The operator can set the intensity to 5 steps of his or her choice. Midlight: 7,000 < 6,000 <4,500 < 3,000 < 1,500 μW/cm^2
Floodlight: 5,000 < 4,000 < 3,000 < 2,000 < 1,000 μW/cm^2

Timer Avoid unnecessary burning time of the LEDs through a timer. Set the duration of your working session for: 0.5 hours, 1.0 hours, 2.0 hours, 4.0 hours, 8.0 hours.

Cooling System The heat generated from the LEDs is managed via a mechanical cooling system – no fans are necessary!

Remote Control The on/off, the dimmer, the white light and the timer operate remotely within a range of six meters.

Modular Design Able to connect as many units together as required to cover your area under inspection.

A WIDE SELECTION OF CUSTOMIZED CONTROL PANELS MAKES THE GALAXY COMPLIANT WITH ALL RELEVANT ASTM AND ISO STANDARDS AS WELL AS WITH PRIMES ENGINEERING SPECIFICATIONS

The **F607** has a dimming function with 250 steps for an extremely accurate measurement of the intensity. It also has a memory function that maintains the last intensity used even if the unit is turned off between sessions. The white light is operational via an ON / OFF button. The timer function is disabled.

The **F608** has a dimming function with 5 steps similar to the F605. It also has a memory function that maintains the last intensity used even if the unit is turned off between sessions. The white light is operational via an ON / OFF button as well as the timer.

The **F609** Operates the Galaxy UV light as simply ON / OFF. It maintains an approximate intensity of 7 000 for the Midlight and 5 000 for the Floodlight. This makes the Galaxy compliant with USAF and Pratt & Whitney requirements. All other functions listed with the F605 are disabled, including the white light LED.

The **F610** Operates the Galaxy Midlight UV light as simply ON / OFF but intensity is fixed at approximately 4 500. This makes the Galaxy compliant with USAF, Pratt & Whitney, Boeing and Rolls-Royce (RRES 90061) requirements. All other functions listed with the F605 are disabled, including the white light LED.

Please refer to page 5 for compliance with relevant standards.

MOUNT AS MANY GALAXIES TOGETHER AS YOU NEED!

3 GALAXIES MOUNTED TOGETHER

6 GALAXIES MOUNTED TOGETHER

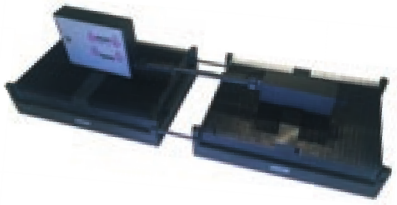
OPTIONAL WAYS TO MOUNT GALAXIES TOGETHER

OPTION A: CONNECT ON THE LONG SIDE

OPTION B: CONNECT ON THE LONG SIDE WITH 4 CM SPACE IN BETWEEN *

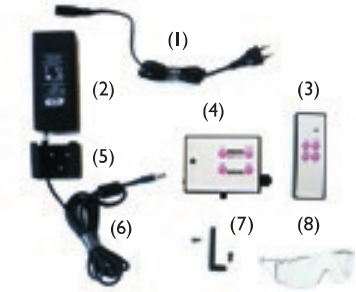
OPTION C: CONNECT ON THE SHORT SIDE

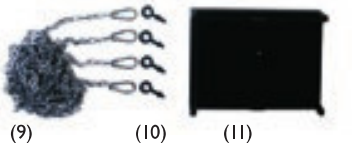
OPTION D: CONNECT ON THE SHORT SIDE WITH 4 CM SPACE IN BETWEEN *



* To cover an even larger area, the units can be mounted in a distance of 4 cm (1.6 inches) from each other, without affecting the intensity of the system.

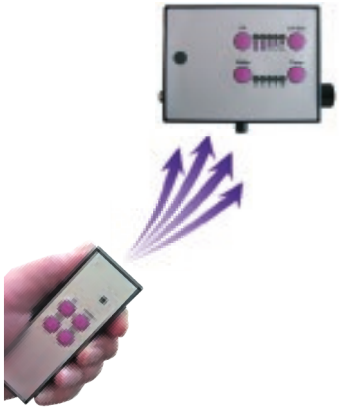
LED: 12 up to 72	Width: 5.9 inches (15 cm)
Wavelength: 365 nm (peak)	Height: 1.6 inches (4.1 cm)
Estimated LED life time: 30 000 hours	Weight: 2.2 kilos (4.85 lbs)
100% free from UV-B	Dimmer: 5 steps (optional)
White light block filter	Timer: 5 steps (optional)
Intensity: 1 500–7 000 µW/cm² at 38 cm	Cooling system: Mechanical without fan
Visible light: <1 Lux (0.09 fc)	Remote control
Length: 7.87 inches (20 cm)	White light LED (optional)





INCLUDED WITH "MOTHER" KIT

1. Power Cord (Version available EU::UK::US/AS::AU).
2. Power Supply Unit 100-240 V AC.
3. Remote Control.
4. Galaxy Control Unit.
5. Wall Bracket for Power Supply Unit.
6. DC Power Cord.
7. "L" bracket for Galaxy Control Unit & Galaxy Base Unit.
8. UV Blocking Goggles.
9. Four Chains for mounting the Galaxy Base Unit.
10. Four eye bolts for mounting the Galaxy Base Unit.
11. Galaxy Base Unit.



REMOTE CONTROL

Within a range of six meters remotely operate ON/OFF, the dimmer of the UV light, the white light and the timer.