Labino® Galaxy *UV Led Overhead*

MAKES IT BRIGHT

OVERHEAD | 12 UV LED | 1 WHITE LED
DIMMER | TIMER | REMOTE CONTROL

The Labino Bench Light Galaxy is part of a new generation of products that Labino is introducing to the market. These unique new lights have one common characteristic; they weigh less, than many comparable products in the market today. Galaxy weighs just 2.2 kilos (4.85 lbs)! It is not just easy to mount. It is easy for the user of the bench to operate and move around the bench. Bench operators typically contact repetitive inspections for long hours on a daily basis. Now they have the luxury of working with a super light product. Galaxy is also compact in size with 7.87 inches long, 5.9 inches wide and 1.6 inches high. The user can choose to expand the area that wants to cover by connecting together up to six Galaxy lights (72 LEDs). Galaxy offers an intensity of 7 000 µW/cm^2 at 38 cm and the diodes emit almost no visible light - 1 Lux / 0.09 Foot Candle (380-780 nm).

Each Galaxy consists of 12 LEDs offering a very even beam. It is also equipped with a white light LED for after inspection. This powerful stationery overhead light designed for Non-Destructive Testing offers numerous useful features such as:

(a) Dimmer – the UV light can be dimmed down up to 20% of its full capacity

(b) Timer – unnecessary burning time is avoided through a timer (five steps: 0.5h,1.0h, 2.0h, 4.0h, 8.0h)

(c) Cooling system – The heat generated from the LEDs is managed via a mechanical cooling system – no fans necessary!

(d) Remote control – used to remotely operate the dimmer of the UV light, the white light and the timer

(e) Modular design – able to connect up to six units together

Full power is achieved instantly with the start button. The Galaxy is 100% free from UV-B and the LEDs emit almost no visible light due to a visible light filter. It is compliant with ASTM UV-A intensity and wavelength specifications for FPI and MPI. IP65 approved for dust and water jetting proof.

TECHNICAL SPECIFICATIONS:-

Light Beam

i. > 7 000 µW/cm^2 at 38 cm (15 inches)
ii. Ø 300 mm x 250 mm (11.8 x 9.8 inches) Total area with a mini-mum intensity of 1000 µW/cm^2 at 38 cm)

LED

i. 12 UV LED, peak at 365 nm
ii. 1 White Light LED

DISTRIBUTOR:

Visible Light from UV LED

i. ≈1 Lux[1] / 0.09 Foot Candle[1] (380-780 nm)

White Light from UV LED

i. ≈350 Lux[1] / 31 Foot Candle[1] (380-780 nm)

Cable for Mains

i. Volt: 24 V
ii. Length: 1.5 m (4.5 feet)

Power Supply

i. 100-240 V
ii. 50-60 Hz
iii. Power 30 W
iv. Operated by separate PSU with self-selecting voltages

Additional Information

i. Weight: 2.2 kg (4.85 pounds)
ii. Housing diameter: 200 x 150 mm (7.87 x 5.9 inches)
iii. Start-up time: Instant-on oper-ation with immediate full power
iv. Material in housing: aluminium
v. CE approved
vi. CB-NEMKO, CCL approved
vii. IP65 classified (Dust and water Jetting Proof)

[1] *The standard EN 3059 5.2 and ISO 9934-3 recommend the use of a UV-block filter on the sensor of the Visible light meter eliminating all UV (below 380 nm).*