Labino GX Orion

Overhead UV LED Inspection Lights

ROLLS-ROYCE RRES 90061 COMPLIANT MODEL

MODULAR SYSTEM • PLC INTERFACE • IP68 WATERPROOF

Modular overhead UV system that allows you to design the desired covered area by mounting together multiple units. GX Orion is the only overhead UV system on the market that is certified with an ingress protection marking of IP68 Waterproof, making it an extremely useful tool for inspection areas with excessive liquids.

Labino´s LED overhead inspection lamp, GX Orion, is a modular system that can be used to cover large areas. GX Orion is the only overhead UV system on the market that is certified with an ingress protection marking of IP68 Waterproof, making it an extremely useful tool for inspection areas with excessive liquids.

There are three different models to choose from, remote controlled with multiple UV intensities, UV on/off button only, and UV and visible light on/off buttons only. The GX Series family of products has been specifically designed to meet the ASTM E3022-15 and ISO 3059-12 standards as well requirements set by the PRIMES. The optics used in the GX Series meet the Rolls-Royce RRES 90061 specification.

The beam profile of the UV light is extremely homogenous without any footprints showing from the LEDs, shades, dark spots or other disturbing defects. All GX Orion models have a built-in PLC interface designed to connect to your PLC system.

You can choose a “mother” or a “extension” GX Orion unit, with or without remote panel, with or without on/off power switches and still be able to monitor the unit completely through your computer via the PLC interface. Each unit has 10 UV LED’s and 1 White LED all mounted behind a glass surface preventing damage on sensitive components such as filter and the LED’s. THE UV LED’s have a peak wavelength of 365nm +/-5nm and are 100% free from UV-B. The visible light produced by the UV LED’s is less than 1 Lux / 0.09 fc. The estimated LED lifetime is 30,000 hours.

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GX Orion Series

GX Orion REMOTE
(Mother Unit - L3100)

GX Orion REMOTE has been tested to comply with both ASTM E3022-15 and ISO 3059-12 standards. It generates an intensity that can be adjusted to vary from approximately 1,500 to 7,000 µw/cm at 38 cm (15 inches). It has a powerful white light that can generate 1,000 lux (93 fc) at 30 cm (12 inches). A remote control allows you to switch on/off the UV and White Light, change the intensity and set up the timer from up to 5 meters (16 feet) away.

GX Orion UV&WH
(Mother Unit - L3101 / Extension Unit - L3104)

GX Orion UV & WH has been tested to comply with both ASTM E3022-15 and ISO 3059-12 standards. It generates an intensity of approximately 7,000 µw/cm at 38 cm (15 inches). It has a powerful white light that can generate 1,000 lux (93 fc). This model does not have a remote, it comes with one UV and one white light ON/OFF button.

GX Orion UV
(Mother Unit - L3102 / Extension Unit - L3105)

GX Orion UV has been tested to comply with both ASTM E3022-15 and ISO 3059-12 standards as well as with the internal requirements of all PRIMES, including Rolls- Royce RRES 90061 and Airbus AITM6-1001. It generates an intensity of approximately 4,500 µw/cm2 at 38 cm (15 inches). This model does not have a remote, it comes with one UV ON/OFF button.

	GX Orion REMOTE	GX Orion UV&WH	GX Orion UV
Part No:	L3100 *(Mother)*	L3101 *(Mother* L3104 *(Extension)*	L3102 *(Mother* L3105 *(Extension)*
Irradiance: *at 38 cm (15 inches)*	**1,500 - 7,000 µw/cm²** ***Adjustable Intensity***	**≈ 7,000 µw/cm²**	**≈ 4,500 µw/cm²**
Complies With:	- ASTM E3022-2018 - ISO 3059-12	- ASTM E3022-2018 - ISO 3059-12	- ASTM E3022-2018 - ISO 3059-12 - Rolls-Royce RRES 90061 - Airbus AITM6-1001

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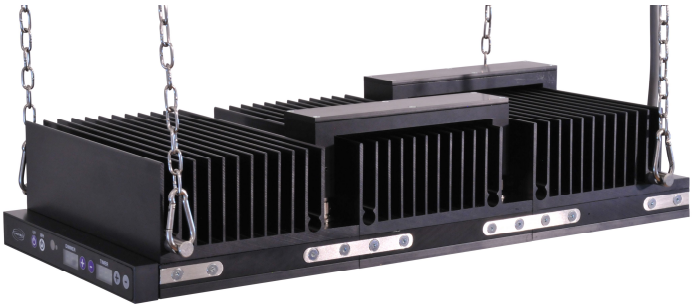
Three GX Orion REMOTE Mounted Together on the short side

Multiple GX Orion UV&WH "extension" units can be mounted on a REMOTE "mother" unit either on the long side or the short side.



Three GX Orion REMOTE Mounted Together on the long side

Multiple GX Orion UV&WH "extension" units can be mounted on a REMOTE "mother" unit either on the long side or the short side.

Three GX Orion REMOTE Mounted Together on the short side

Multiple GX Orion UV&WH "extension" units can be mounted on a REMOTE "mother" unit either on the long side or the short side.

Three GX Orion REMOTE Mounted Together on the short side

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GX Orion "MOTHER" Package Includes:

GX Orion lamp of your choice, 4 Stainless steel bars for mounting, 4 chains with snap links, Power Supply Unit, Cable between PSU and GX unit, Cable between PSU and wall socket & Remote Control ***(only supplied with Remote version)***

GX Orion "EXTENSION" Package Includes:

GX Orion lamp with UV & WH or only UV LED's, 2 Stainless steel bars, 2 Stainless steel brackets, 4 chains with snap links, 1 cable connection for assembly short side to short side & 1 cable connection for assembly long side to long side.

Accessories

A606 or A604

Power Button

A605 or A603

Foot Pedal

Labino Power Button / Foot Pedal for GX Series can be used to power on the GX Orion lamps as an alternative to using the Control Panel, Remote Control or on/off buttons. The benefit of using these buttons is that it is easier to operate if you work using large gloves or if you don't have both your hands free. It is also beneficial in cases when the lamp is installed in a position where it is not accessible. Light will be activated with the last used intensity and the last recorded timer setting where applicable.

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