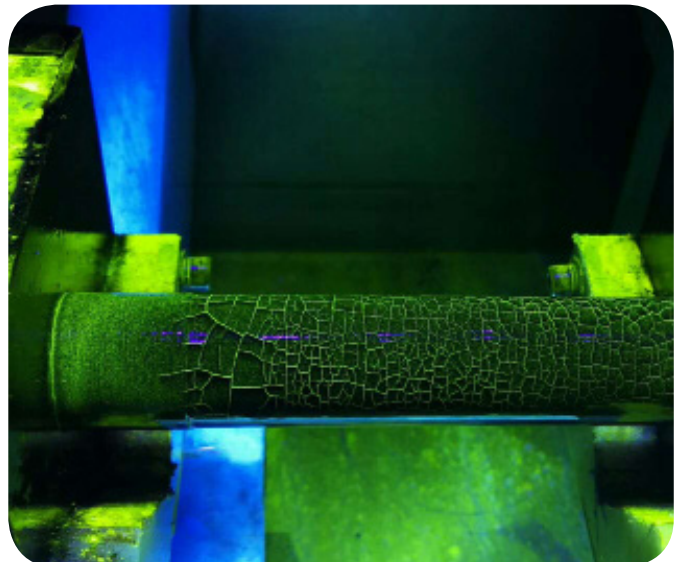


APOLLO 365 Series

Module-based Overhead NDT LED UV Panel



Multiple LED Configuration

- Flood & Spot UV Modules.
- Customize UV Intensity & Coverage.
- 5-levels of UV Intensity.

LED Module

- High Intensity & Uniform Beam.
- Optical Lens & UV Filter.
- Easy Maintenance.

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Features

- Instant maximum output without pre-heating.
- Switch function between UV light and white light.
- LED module-based design with excellent maintainability.
- Adjustable bulb output: units can be set up in the required location and brightness adjusted for optimum intensity.
- Safe and pure UV-A centering at 365nm.
- UV filter ensuring visible light less than 5 Lux.
- Horizontally and longitudinally expandable with standard connectors.
- 100% solid state circuit ensures stable operation in strong magnetic fields.



Apollo 365L overhead panel utilizes the state-of-art LED technology and makes it a great tool for fluorescent MT, PT and leak detection. The unique feature of Apollo 365 series LED UV panel is its module-based design. Each LED of Apollo 365 is encapsulated as an independent unit and are interchangeable, between “flood” and “spot” for example, so you can create your preferred overhead light configuration with the desired UV intensity and coverage area.

Constructed from aviation grade aluminium alloy, Apollo 365 series LED UV panel is a rugged unit and will endure the harshest working conditions; with excellent cooling ability and is dust-proof. A waterproof protective case can also be added to the system.

The standard Apollo 365L is 400mm long and consists of 8 UV LEDs and 2 white LEDs, which ensures high UV intensity and large coverage. The Apollo 365XL is 610mm long and carries 16 high performance UV LEDs and 4 white LEDs, which ensures high UV intensity and large coverage.

| | Apollo 365-L | Apollo 365-XL |
|-------------------------------------|--|---|
| LED Source | 8 x UV LEDs, 2 x White light LEDs | 16 x UV LEDs, 4 x White light LEDs |
| Wavelength | Certified 365-370nm. | Certified 365-370nm. |
| UVA Intensity | 3,500-4,600 $\mu\text{W}/\text{cm}^2$ at 38cm (15 ins) | 3,500-7,500 $\mu\text{W}/\text{cm}^2$ at 38 cms (15ins. |
| Coverage Area | 480 x 500 mm / 18.9 x 19.6 ins | 730 x 520 mm / 28.7 x 20.4 ins |
| Dimensions | 400mm x 200mm x 86mm 15.7 x 7.9 x 3.4 ins | 610mm x 200mm x 86mm 24.0 x 7.9 x 3.4 ins |
| Weight | 4.5kg (9.9lbs) | 7.1kg (15.6lbs) |
| UVB/UVC | 0W/m ² | 0W/m ² |
| Surface Temperature of Lamp Housing | < 40°C (104°F) | <40°C (104°F) |
| Power Supply | 110-260V, AC 50/60Hz | |
| Power Consumption | UV LEDs, 36W | UV LEDs, 52W |
| Duty Cycle | Relative duty cycle 100% | |
| Ambient Conditions | | |
| Operating Temperature | 5 - 45°C (41 - 113°F) | |
| Storage Temperature | 5 - 45°C (41 - 113°F) | |
| Humidity during operation | Maximum 90% relative humidity (Non-condensing) | |
| Air Humidity Storage | Maximum 90% relative humidity(Non-condensing) | |
| Emissions | | |
| UV Radiation | No UVB or UVC radiation generated | |
| Visible Light | Visible light emission less than 10 Lux(1ft-candle) | |

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