

400W UV FLOODLIGHT

Version 14082018

365nm Peak Intensity Floodlight

The 400W UV-A Floodlight is a high intensity 365nm backlight that is typically mounted overhead. With an extremely wide beam the 400W Floodlight is ideal for operators requiring good overall component irradiation (e.g. When washing off excessive penetrant etc.) Typically producing in excess of 1,800 $\mu\text{W}/\text{cm}^2$ when mounted overhead at the component surface at a distance of 1000mm. Hanging bracket for mounting included as standard. Replacement parts also available.



Key Features

Peak Wavelength	365nm
Irradiance	>1800 $\mu\text{W}/\text{cm}^2$ (@1000mm)
Voltage	110/230V
Weight	2 kg (Approx.)

Technical Information

Peak wavelength of 365nm making the unit suitable for all fluorescent NDT processes.

Produces wide area irradiance making the unit ideal for mounting above wash-off stations and inside blackout booths. Will flood an area with UV light better than any hand lamp.

Peak UV-A intensity >1800 $\mu\text{W}/\text{cm}^2$ at a distance of 1000mm.

Uses High intensity discharge Iron (Fe) doped metal halide bulbs in combination with a black woods glass filter to produce a stable UV-A light spectral output required by NDT standards.

Study lightweight Aluminium housing - Lamp unit weighs approximately 2 kg.

Features fuse protection and auto-resetting thermal cut-out.

Supplied with adjustable mounting bracket as standard.

Fan assisted cooling so that UV output remains stable and an elapsed hour counter on the power unit so operators can track usage.

Serviceable with replacement parts available from Johnson & Allen.

Standard connecting cable 3m in length with extensions available for special applications.

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