

# Datasheet

## Enigma XL UVA LED

Product Code: UV-ENIGMA-XL

### Product Overview

High-performance fixed mount 365nm UV LED inspection lamp to produce bright fluorescent effects over a large area. 1,015mm long and a rating of IP65, the Enigma XL is a popular choice for professional UV inspection applications including detection of cracks, leaks, hydrocarbons, clearcoats, conservation and preservation, food production and cleanliness monitoring. **Conforms with RRES 90061 and Airbus AIM6-1001.**

### Technical Data

Wattage	66W
UV source	20xUVA LEDs
UV peak output	365nm $\pm$ 5nm
LED lifespan	40,000 hours
Start-up-time	< 2 seconds
Working temperature	0-50° C
Power supply	00 - 240 V, 50 - 60 Hz
IP rating	IP65
Body material	Anodised aluminium
Dimensions	1015x55x55mm
Weight	2.0Kg



### UVA Irradiance

Max. @ 38cm	5,000 $\mu$ W/cm <sup>2</sup>
Max. @ 50cm	3,570 $\mu$ W/cm <sup>2</sup>
Max. @ 100cm	1,400 $\mu$ W/cm <sup>2</sup>
Max. @ 150cm	682 $\mu$ W/cm <sup>2</sup>

### Included

Power supply  
Operating manual  
2 x hinge bracket with 180 degree fitting  
Health and safety guidance

### UV Health & Safety Services

Employers have a legal obligation is to ensure the safety and protection of workers who may be exposed to artificial optical radiation (AOR) in their workplace. Our health and safety services are designed to help you and your company achieve compliance. Visit [uv-light.co.uk](http://uv-light.co.uk) for full details.

Free [safety webinar](#)

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Risk management training for employers  
On-site safety assessments