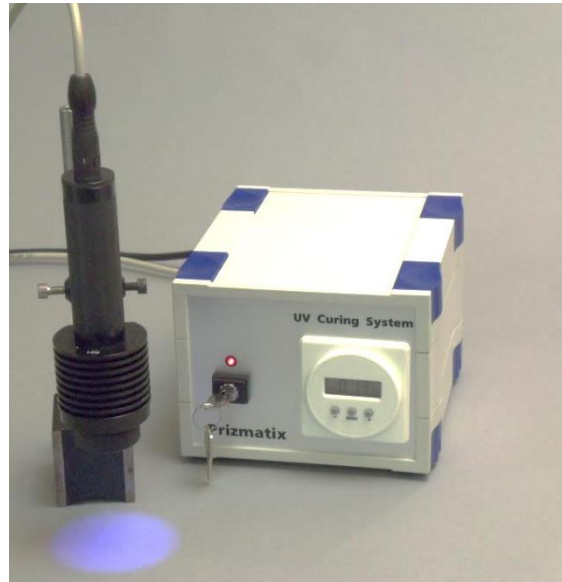


Cure-LED 365nm / 385nm UV LED Curing System

Ver. 03

Introduction

The Cure-LED curing system is a simple user-friendly system for flood curing UV adhesives, coatings and inks. The LED head features the most advanced UV LED technology providing a total of >330mW of useful UV power at 365nm and >370mW of UV power at 385nm. The curing process is initialized and easily operated by a comfortable foot switch or from the front panel of the Current Controller with a countdown timer.

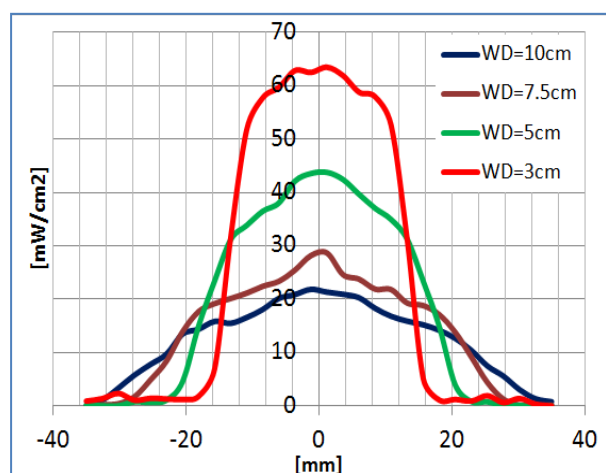


Key Features

- 365nm or 385nm LED heads
- Newest UV LED technology to provide high irradiance at different wavelengths
- Capacity for up to four UV LED heads powered simultaneously (optional)
- Long life (no lamp replacement required) of over 10,000 hours
- Click-in lens adaptor, enabling easy and quick lens changing, for various beam diameters

Applications

- Curing of UV adhesives
- Curing of UV coating
- Curing of UV inks
- Small scale production
- Inspection



- Beam distribution of Cure-LED-365

Main Office

Phone: +972-72-2500096
Fax: +972-72-2500097
sales@lumiworks-
photonics.com

European Sales Office

Phone: +44 (0) 77-9172-9592
Fax: +44 (0) 20-7681-2977
sales.europe@lumiworks-
photonics.com

North America Sales Office

Phone: +1-(248)-436-8085
Fax: +1-(248)-281-5236
sales.usa@lumiworks-
photonics.com

Lumiworks

Optical Specifications

Wavelength	nm	365 or 385
Wavelength range	nm	±6
Spectrum half width	nm	~15
Optical power output	mW	See graph

Controller Specifications

Features

- Countdown clock with simple user interface
- Pedal for convenient foot operation
- USB interface with LabVIEW software to computer control (Optional)

Input Voltage	V	24
Max Input current	A	1
Power Adaptor Input		100-240 VAC, 47-63 Hz, 1A

General Specifications

Operation temperature range	°C	10-35
Storage temperature range	°C	-10-55
Operating relative humidity (Non condensing)	%	<90
Head dimensions		See drawing below
Head weight	g	300
Controller dimensions (W x H x D) without extrusions	mm	174 x 130 x 197
Controller weight	g	600
Power adaptor dimensions (W x H x L)	mm	60 x 35 x 100
Power adaptor weight	g	200

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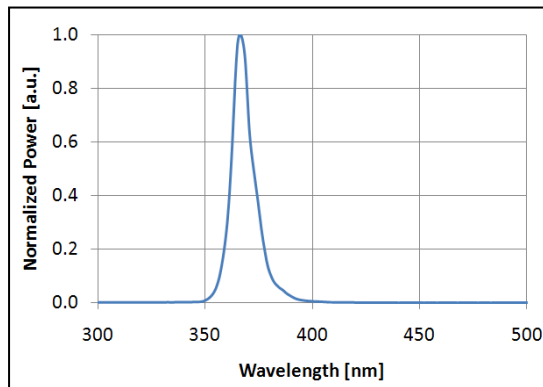
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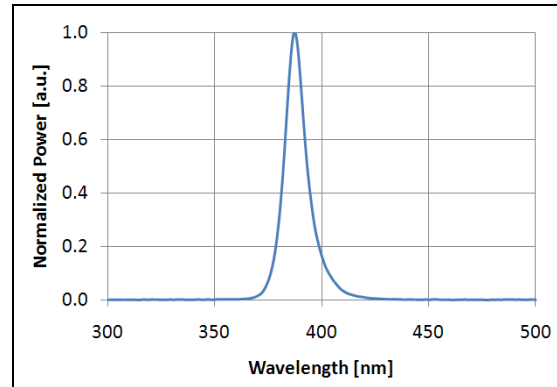
North America Sales Office

Phone: +1-(248)-436-8085
Fax: +1-(248)-281-5236
sales.usa@lumiworks-
photonics.com

Performance

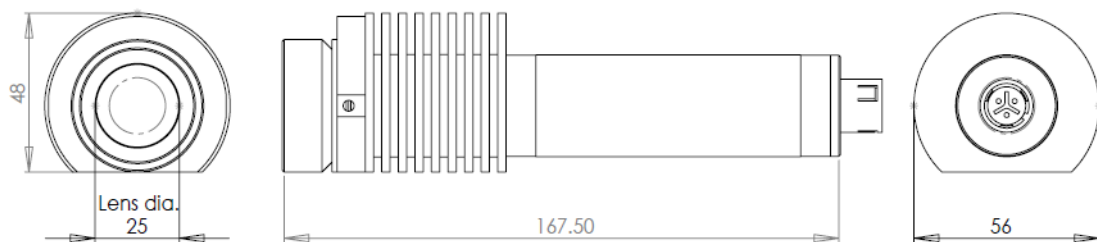


- Cure-LED-365 spectrum



- Cure-LED-385 spectrum

Mechanical Drawings



Main Office

Phone: +972-72-2500096
Fax: +972-72-2500097
sales@lumiworks-
photonics.com

European Sales Office

Phone: +44 (0) 77-9172-9592
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photonics.com

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