

NORTH PHOTONICS

[OEUVS-100]

UV Light Sources

Features:

- Low cost
- High output UV light power
- Small size
- Large area cure capacity
- High energy efficiency
- Fast epoxy curing
- Fast furniture coating curing
- Flexible holder
- Long working life time



OELED-100

Applications:

- Instrumentation
- UV epoxy cure
- Furniture coating cure
- UV light illumination
- Testing
- Lab instrument



Product description:

The UV light source for UV epoxy curing application is available based on high power UV LEDs as an ideal replacement for UV lamps. This light source provides more than 500mW output power at two wavelengths of 365nm and 385nm. Most of UV epoxies can be cured in few seconds. Two options of spot and linear UV light sources are available. By moving the linear UV light source (or object), it can cure a square area of UV epoxy with higher efficiency and higher yield than UV lamp.

Parameter	Unit	Spot	Linear
Wavelength	nm	365, 385	
Bandwidth	nm	10	10
Output power	mW	> 500	-
UV light intensity	mW/cm ²	2.5	>100
Illumination area	mm	4x4 at 5 cm	5x100 at 3 cm
Dimensions (optical header)	mm	φ50x70	20x45x250
Dimensions (power supply)	mm	160x150x80	
Power controller	-	Yes	

- All specifications are subject to change without notice

Ordering number:

OEUVS-100-WL-P-Type:	WL	P	Type
	Wavelength (nm)	Average power (mW)	S: Spot L: Linear
Example:	OEUVS-100-365-500-S		

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