

## UV LED TECHNOLOGY

### Ideas For UV Curing

**MODELS:LF26020**  
**Wavelength:365nm/385nm/395nm/405nm**



- Utilizing UV LED COB Package With Quartz Lens
- Integrated Cooling Aluminum Profile
- Quartz Half Column Second Optical Lens Design, Enhance The Light Efficiency And Uniformity
- Minimum Power Consumption Maximum Light Efficiency In The World
- Multiple UV LED Heads Can Be Adjoined According Length Requirement

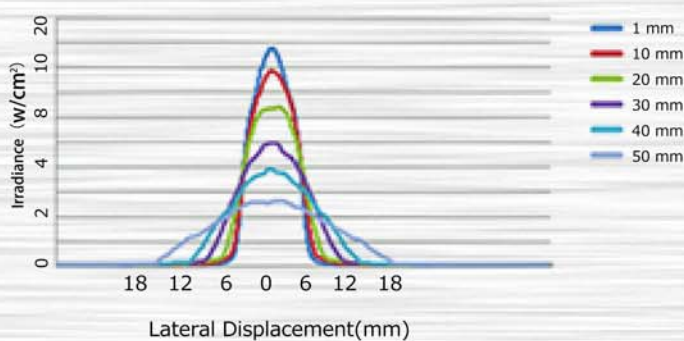
## Outstanding Irradiance Performance

LAMPLIC utilize high emission LEDs which achieve over 17W/cm<sup>2</sup> at the optics window. The systems include advanced front-end optics to provide high peak irradiance at long working distances with extended clearance of conveyed parts. This allows for easier curing, or the option of focusing the light at different working distances for adapting to a specific UV process.

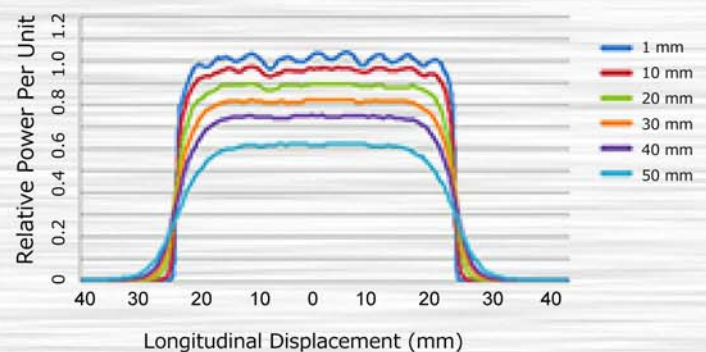
## Superior Uniformity

The LAMPLIC utilizes a patented process for addressing individual UV led module outputs, and providing exceptional uniformity over the entire curing area. Multiple UV LED heads can be adjoined while maintaining optical uniformity between each system. The flexibility to achieve larger curing areas in a variety of customizable lengths enables manufacturers to improve throughout without compromising on performance.

Irradiance vs. Working Distance for LF Series-395nm



Uniformity at Working Distances for the LF Series



## Specifications

LF26020	
Wavelengths	365nm±5nm, 395nm±5nm
Optical Area	260×20mm
Power Consumption*	910W
Optical power*	640W
Peak Irradiance	365nm                      395nm
Working Distance	UV Intensity(W/cm <sup>2</sup> )
1mm	6.8                              17
10mm	4.2                              9.8
20mm	3.6                              7.4
30mm	2.9                              4.3
40mm	2.1                              2.7
50mm	1.2                              2.2
Dimensions (L*W*H)	291×72×120
Weight (kg)	1.85
Cooling	Air
Life Expectancy	> 20,000 hours
Automation	Integrated PLC controls for UV intensity and system
LED Warranty	2 years or 10,000 service hours

\*At 100% intensity setting

