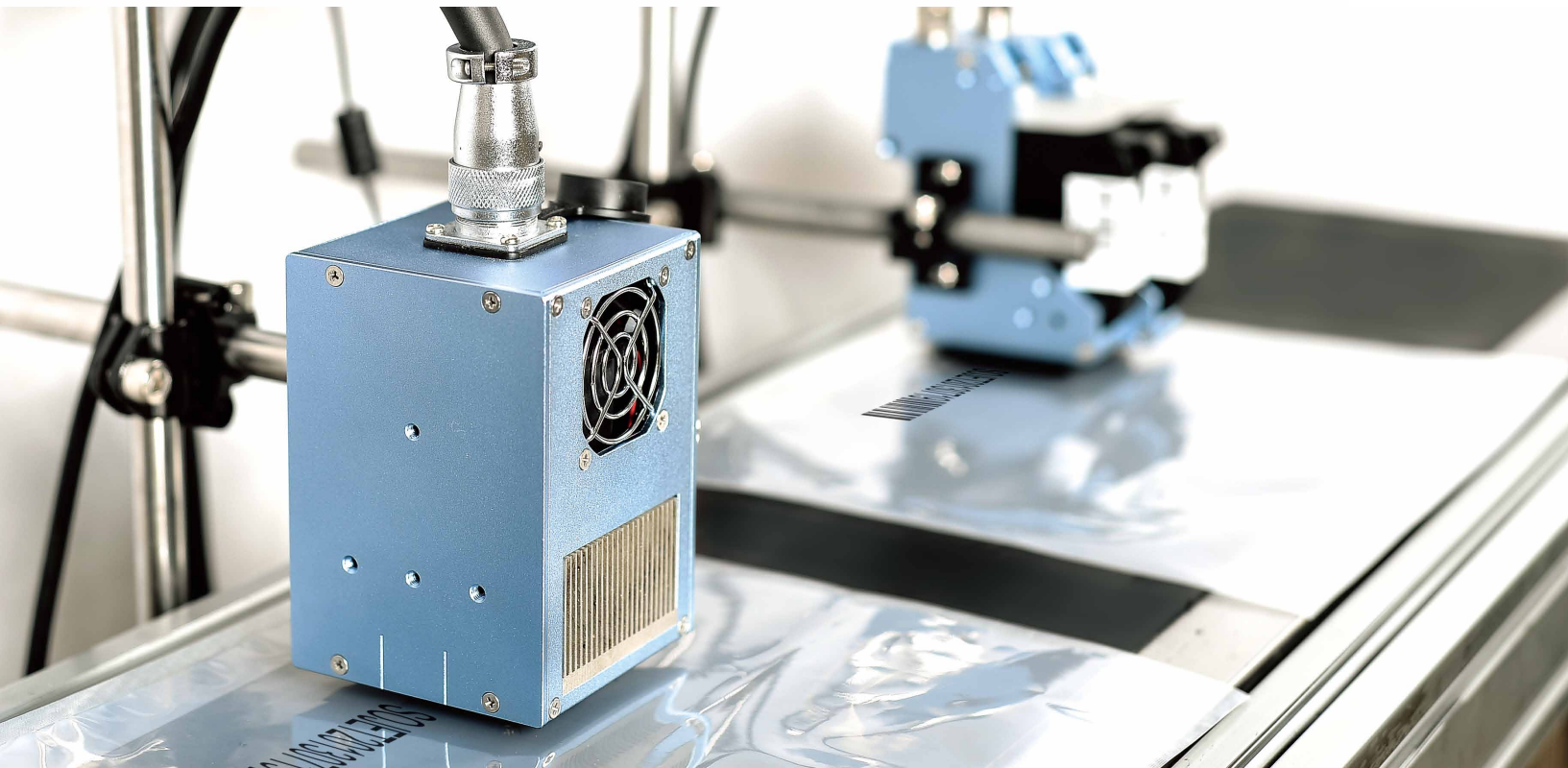


# Elan-2020/2040

## UVLED CURING ILLUMINANT



### Variety Operation Modes

Auto, semi-auto and manual mode, very easy to operate;



### Illumination Area

Elan-2020: Effective illumination area is 20\*20mm,  
Elan-2040: Effective illumination area is 20\*40mm;



### Wide Ink Application

Can apply to all UV inks for PIJ, TIJ and CIJ tech;



### ACIT

Advanced LED module CHIP integration technology, good consistency of illuminance, and greatly improves products reliability;



### Intensive Ink Curing

By long wave and peak value curing, makes ink fastly and fully cured, avoid the wet ink remain in the bottom of printing;



### High Curing Quality

The stability of UV LED makes the output energy predictable and stable, avoids the problems caused by unstability of conventional halogen lamp;



### Super Cooling System

Adopts inner circulating heat release system, considerably lowers the LED joint temperature, and largely increases products lifetime;



### LED

Worldwide famous LED brands;



### Wide Application

Unconventional heating way, no influence on the heat deformable substrates;



### Fast Response

No need preheat, jump start, instant lighting when machine starts;



### Smart Identification

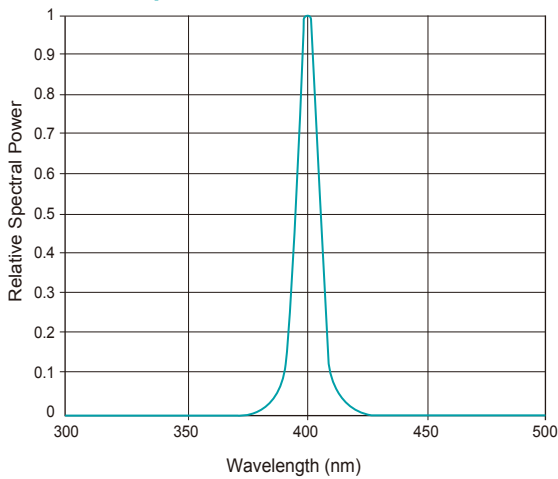
Automatically identifies Elfin serie high resolution printer, and can operate directly on Elfin printers;



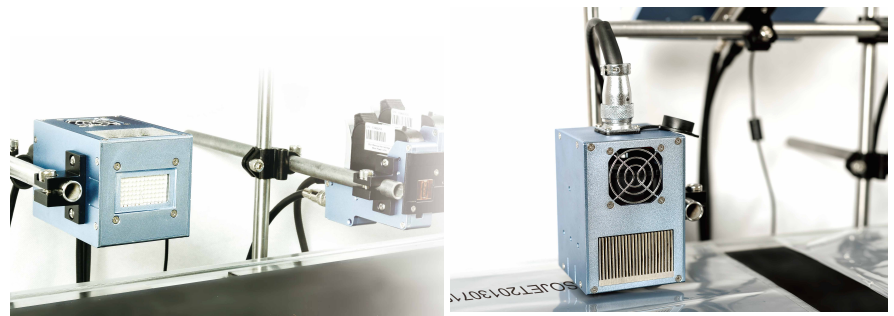
### Super Long Lifetime

LED illumination lifetime >20000h;

## Spectral Distribution



## Mounting



Standard side mounting

Downside print mounting

(Side and down installation brackets is included in the standard packing.)

## Technical Parameters

### Wavelength Range

395±5nm

### Irradiancy

12W/cm<sup>2</sup>

### Effective Illumination Area

Elan-2020: 20\*20mm

Elan-2040: 20\*40mm

### Recommended Illumination Height

1.5--10mm

### Control Modes

Auto/semi-auto/manual

### Illuminant Output Control

10%--100%

### Equipment Measurement

Monitor: (H\*W\*D): 320\*315\*140mm/ 12.6\*12.4\*5.5 inch

Illuminating Head:(H\*W\*D): 80\*80\*132mm/ 3.1\*3.1\*5.2 inch

### Power Supply

Elan-2020: 90-220V AC 50/60Hz 150W

Elan-2040: 90-220V AC 50/60Hz 300W

### LED Lifetime

>20000 h

### Environment

Working Environment: -10--+55° 10% - 85% RH

Storage Environment: -25--+85° 10% - 90% RH