

UV light

LS-UV-S series · Ring lights · 7 models

Ultraviolet light sources using highly stable UV LEDs, providing near-UV 365-395 nm illumination; shape and size can be customised. UV-sensitive parts (for example a lamp core) light up under UV, giving good contrast for measuring the core diameter.

Features

- Highly stable UV LEDs
- Near-UV 365-395 nm illumination
- Shape and size can be customised

Applications

- Banknote printing and ticket printing industries
- Fluorescent substance detection
- Detection of small scratches, dents and similar defects on product housings
- Imaging case: lamp core diameter inspection (case title printed as "product liquid level inspection")



Colours

UV365	365 nm
UV395	395 nm

Common specifications

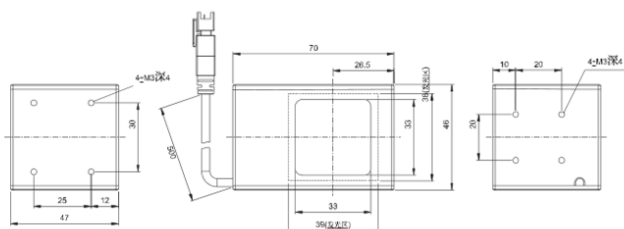
Peak wavelength	UV 365-395 nm
Operating environment	Ambient about 22 °C; operating temperature within 25 °C
Expected lifetime	Can be lit continuously for 20000 hours with light decay of 65% (about 15-25% decay after one year of normal lighting); the catalog text says "IR light" in this row
Support	All products come with one year of standard free technical support and can be customised to the object features, working distance, lighting angle and field of view
Suggested controller	HAPC2424P

Models

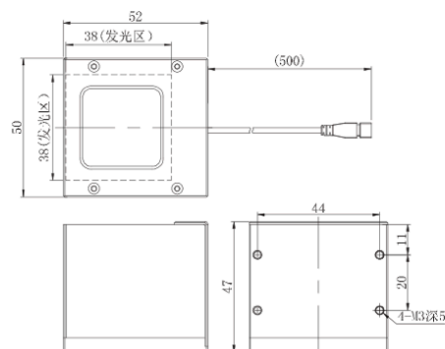
Model	Size (mm)	Power (W)
LS-HCOL40K-UV365 colours: UV365	Emitting area 40 x 40	3
LS-HCOL38P-UV395 colours: UV395	Emitting area 38 x 38	4.5
LS-HBL14728K-UV395 colours: UV395	L 147, W 28	7
LS-H23738K-UV365 colours: UV365	L 237, W 38	18
LS-HHFL5050-UV365 colours: UV365	Emitting area 50 x 50	3.5
LS-HRL5390K-UV365 colours: UV365	OD 53, angle 90, ID 25	3
LS-HRL12030K-UV395 colours: UV395	OD 120, angle 30, ID 80	12

Dimensions

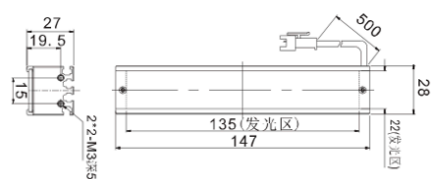
LS-HCOL40K



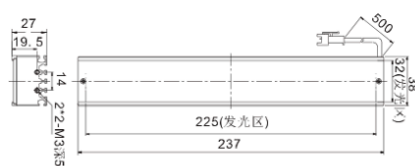
LS-HCOL38P



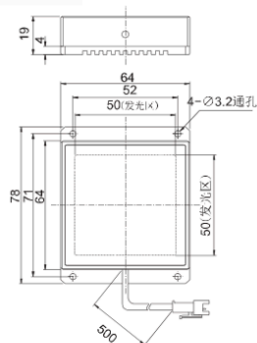
LS-HBL14728K



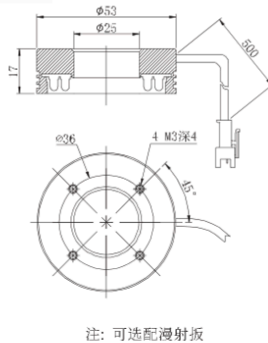
LS-HBL23738K



LS-HHFL5050

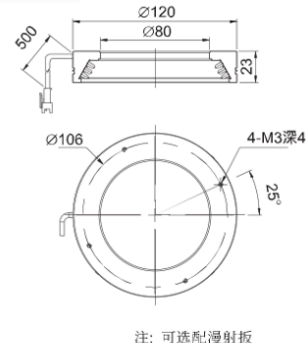


LS-HRL5390K



注: 可选配漫射板

LS-HRL12030K



注: 可选配漫射板

Product views

