

Ultraviolet light (UV)

LS-UV-T series · Ring lights · 15 models



currency inspection / UV curing printed ink / cigarette case

Ultraviolet light with wavelength optional 365–405 nm, for high precision applications.

Features

- Wavelength optional: 365–405 nm
- For high precision applications

Applications

- Metal surface tiny scratch inspection
- Fake currency inspection
- UV curing printed ink
- Cigarette case anti-fake inspection
- Imaging example: electrocircuit inspection on plastic film (LS-COX50-UV)

Colours

UV 365–405 nm

Common specifications

Voltage	24 V
Adapted controller	Strobe controller, analog controller, digital controller
Customizable	shape, combined light, multi-area control, colour and colour temperature, cable length, installation method, emitting angle
Cable (mm)	500 (drawings)
Operating temperature	0–50 °C
Operating humidity	20–85% (non-condensing)
Life span	50000 h (to 50% of factory-default luminance)
Extension cable options	PVC extension cable (high flexibility, bending and heat resistant, for use inside equipment) or high-flexibility extension cable (harder and more abrasion resistant than PVC, for drag-chain production lines)

Custom wavelengths	UV & IR light can be customized as required
Peak wavelength	UV: 365-405 nm

Ordering code: LS-<kind of light, e.g. RN>-<outer diameter><angle>-UV

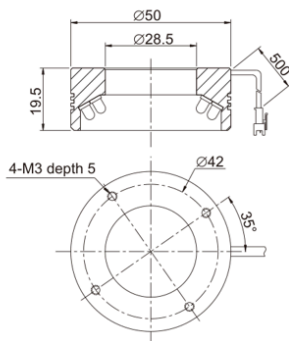
Models

Model	Power (W)	Weight (g)	Light type	Outer dia. (mm)	Mounting	Dimension drawing	Emitting surface (mm)
LS-RN5060-UV colours: UV	1.7	57	Ring	50	4-M3 depth 5 on dia. 42	1	-
LS-RN7090-UV colours: UV	3.6	109	Ring	70	4-M3 depth 4.5 on dia. 54	2	-
LS-RN12030-UV colours: UV	7.2	222	Ring	120	4-M3 depth 4 on dia. 106	3	-
LS-COX40-UV colours: UV	2.5	186	Coaxial	-	4-M3 depth 5	4	38 x 43.4
LS-COX50-UV colours: UV	5.4	308	Coaxial	-	4-M3 depth 5	5	50 x 50
LS-2FT5050-UV colours: UV	3.6	101	Back	-	-	6	50 x 50
LS-2FT7070-UV colours: UV	5.8	150	Back	-	-	7	70 x 70
LS-2FT8080-UV colours: UV	7.2	175	Back	-	-	8	80 x 80
LS-2FT100100-UV colours: UV	11.5	249	Back	-	-	9	100 x 100
LS-2FT150150-UV colours: UV	19.2	463	Back	-	-	10	150 x 150
LS-2BR6016-UV colours: UV	1.4	80	Bar	-	-	11	60 x 16
LS-2BR9016-UV colours: UV	2.2	105	Bar	-	-	11	90 x 16
LS-2BR18016-UV colours: UV	4.3	176	Bar	-	-	11	180 x 16
LS-2BR7530-UV colours: UV	3.6	134	Bar	-	2 x 4-M3 depth 5	12	75 x 30
LS-2BR12530-UV colours: UV	6.0	201	Bar	-	2 x 4-M3 depth 5	13	125 x 30

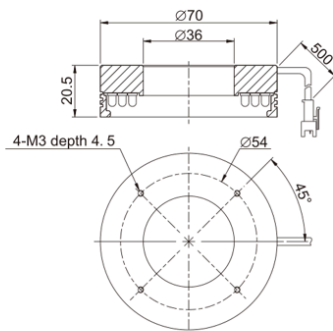
More values per model (Inner dia. (mm), Height (mm), Common, Window (mm)) are on each product page.

Dimensions

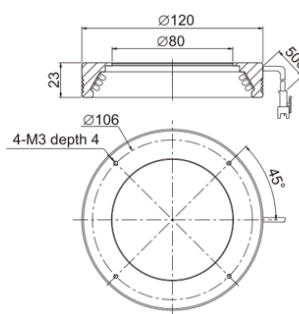
1.LS-RN5060



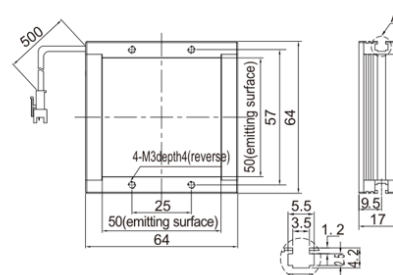
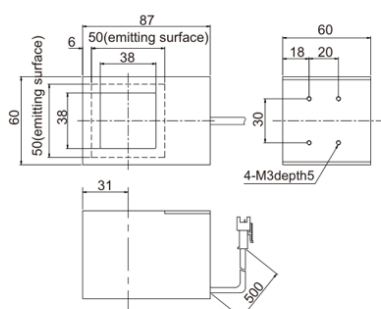
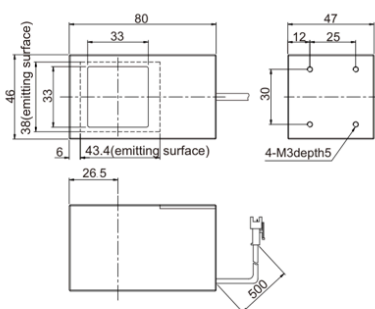
2.LS-RN7090



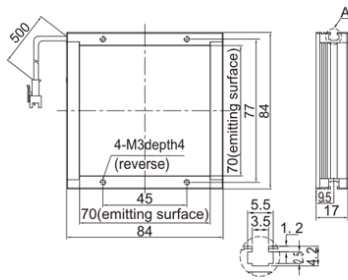
3.LS-RN12030



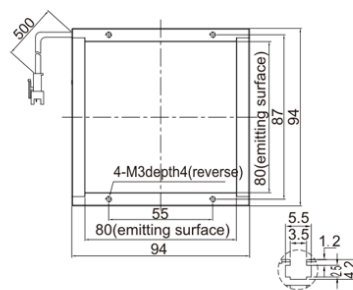
6.LS-2FT5050



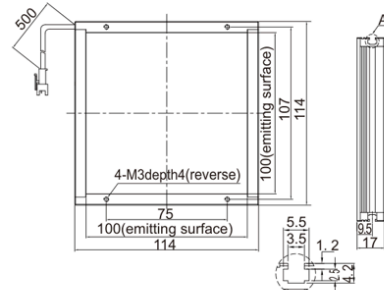
7.LS-2FT7070



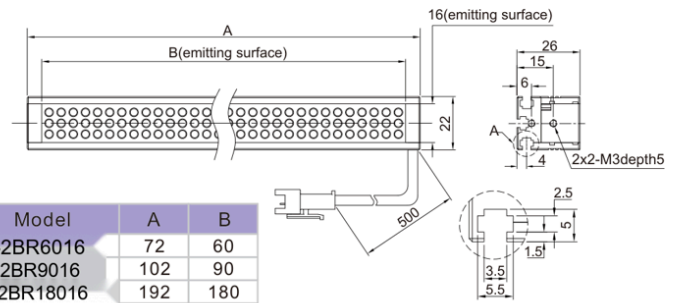
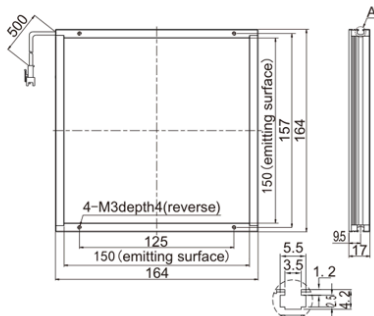
8.LS-2FT8080



9.LS-2FT100100

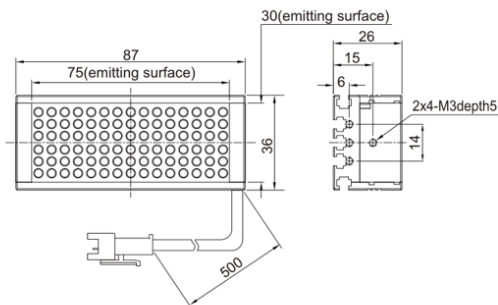


10.LS-2FT150150

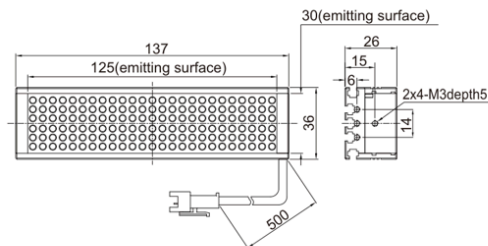


Model	A	B
LS-2BR6016	72	60
LS-2BR9016	102	90
LS-2BR18016	192	180

12.LS-2BR7530



13.LS-2BR12530



Performance

