

Second generation spot light (2SL)

LS-2SL series · Spot lights · 1 model



High-power LED spot light with a simplified optical design giving higher luminance than the SL series, in a more compact body.

Features

- High power LED, high luminance
- Simplified optical design, higher luminance than SL series
- Optimized physical design, more compact

Applications

- Mark position location
- ITO glass circuit inspection
- Oral liquid impurity inspection
- Liquid crystal glass base counterpoint
- Imaging example: transparent glass concealed circuit inspection (LS-2SL083-W)

Colours

R	620-630 nm
G	525-530 nm
B	465-470 nm
W	6600 K

Common specifications

Power	3 W
Adapted controller	Constant current controller
Customizable	multi-area control, colour and colour temperature, cable length, installation method, power
Cable (mm)	500 (drawing)
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

Ordering code: LS-2SL<diаметer><power>-<R/G/B/W/IR/UV>

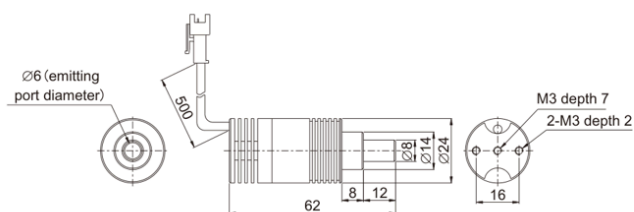
Models

Model	Power (W)	Weight (g)	Body dia. (mm)	Length (mm)	Emitting port dia. (mm)	Mounting	Dimension drawing
LS-2SL083 colours: R, G, B, W	3	37	24	62	6	M3 depth 7, 2-M3 depth 2	1

More values per model (Common) are on each product page.

Dimensions

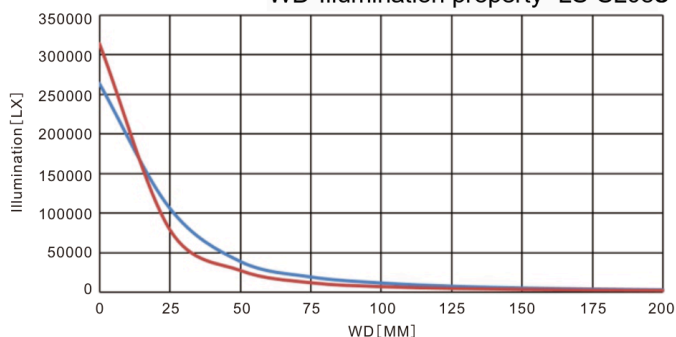
1.LS-2SL083



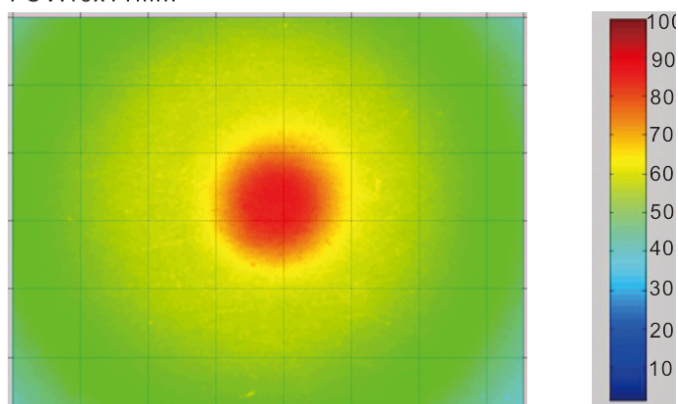
Performance

Model: LS-2SL083-W/SL083-W

WD-Illumination property LS-SL083-



FOV:15x11mm



*Above diagram only for reference.