

Spot light (SP series)

LS-SP series · Spot lights · 3 models

Small high-brightness point (spot) light with a finned heat sink, 3 V / 3 W, for small fields of view with high uniformity requirements; can be used with a coaxial lens.



Features

- 3 W, 3 V supply
- Finned aluminium heat sink
- Outer diameter and height, wavelength/colour temperature, mounting and input wire length customization

Applications

- Micro element detection
- LCD panel detection
- Wafer, liquid crystal glass base calibration
- Chip detection, Mark point positioning
- Vision systems with small installation space
- Mobile phone circuit board Mark point to point detection (with coaxial light lens)

Colours

R	620-630 nm
G	520-530 nm
B	460-470 nm

W 6000-7500 K

Common specifications

Voltage	3 V
Power	3 W
LED type	SMD
Operating environment (indoor)	temperature 0~40 °C, humidity 20~85% (non condensing)
Working life	white: 30000 hours, red: 30000 hours (the value varies according to the use environment)
Power tolerance	actual product power within ±10% of the table is the normal range
Quality service	one year product warranty, technical support

Ordering code: LS-SP<outer diameter of the outlet (mm)><power (W)>-<R/G/B/W/UV>

Models

Model	Outside diameter of luminous area (mm)	Inside diameter of luminous area (mm)	Outside diameter (mm)	High (mm)
LS-SP2403 colours: R, B, G, W	24	22	30	120
LS-SP2.0-0803 colours: R, B, G, W	08	06	30	69.5
LS-SP0803 colours: R, B, G, W	08	06	24	69

More values per model (Voltage (V), Power (W)) are on each product page.

Dimensions

