

Shadowless light source (SPQ)

LS-SPQ series · Shadowless lights · 3 models



Large rectangular shadowless light suitable for large measured objects, giving uniform illumination and eliminating reflections.

Features

- Suitable for large measured objects
- Uniform illumination
- Eliminate the reflective

Applications

- Inspection of mobile phone frame appearance
- Mobile phone edge extraction
- Clock appearance inspection
- Various character recognition
- Colour inspection
- Screw recognition for mobile phones
- Round hole size inspection of mobile phone shells

Colours

R	620-630 nm
G	520-530 nm
B	465-475 nm
W	6000-6500 K

Common specifications

Wavelength red	620-630 nm
Wavelength green	520-530 nm
Wavelength blue	465-475 nm
Colour temperature white	6000-6500 K

Wavelength IR	850-940 nm
Wavelength UV	365-405 nm
Storage temperature	20 to 60 °C
Operating temperature	0 to 40 °C
Humidity	20-85 %RH (non-condensing)
Optional accessories	Extension cable
Controller	LS-DPS series, LS-APS series, LS-SPS series (the selected controller should match the power of the light source)
Service life (red)	60000 h continuous at 25 °C, 50% illumination, to 50% decrement
Service life (white)	30000 h continuous at 25 °C, 50% illumination, to 50% decrement
Warranty	1 year from shipment (faults not caused by the user: free repair or replacement)
Illuminance chart reference	SPQ-326-246-W; uniformity SPQ-326-246-W, FOV 350 x 350 mm at LWD 50/70/90 mm

Ordering code: SPQ-<length mm>-<width mm>-<R/G/B/W> (e.g. SPQ-300-220-R)

Models

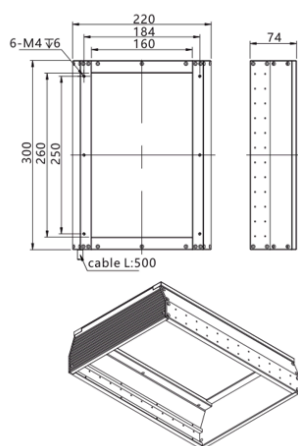
Model	Power R (W)	Power G/B/W (W)	Overall L (mm)	Overall W (mm)	Overall H (mm)
LS-SPQ-300-220-R/W colours: R, W	51	40	300	220	74
LS-SPQ-326-246-R/G/B/W colours: R, G, B, W	40	68	326	246	70.08
LS-SPQ-360-280-W colours: W	/	40	360	280	74

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

Dimensions

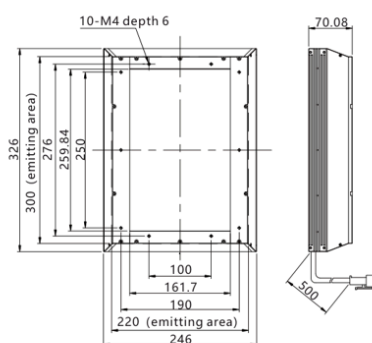
LS-SPQ-300-220

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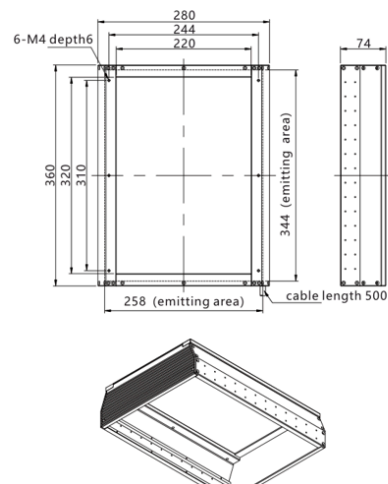
LS-SPQ-326-246

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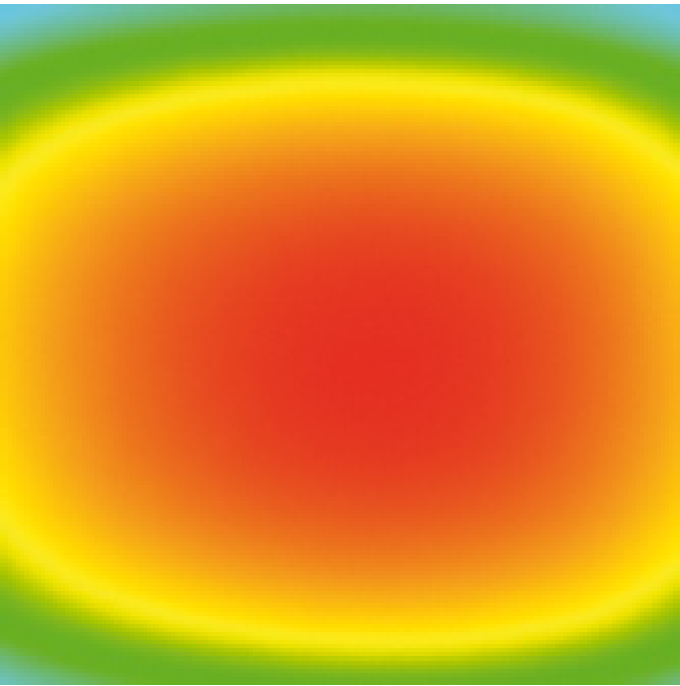
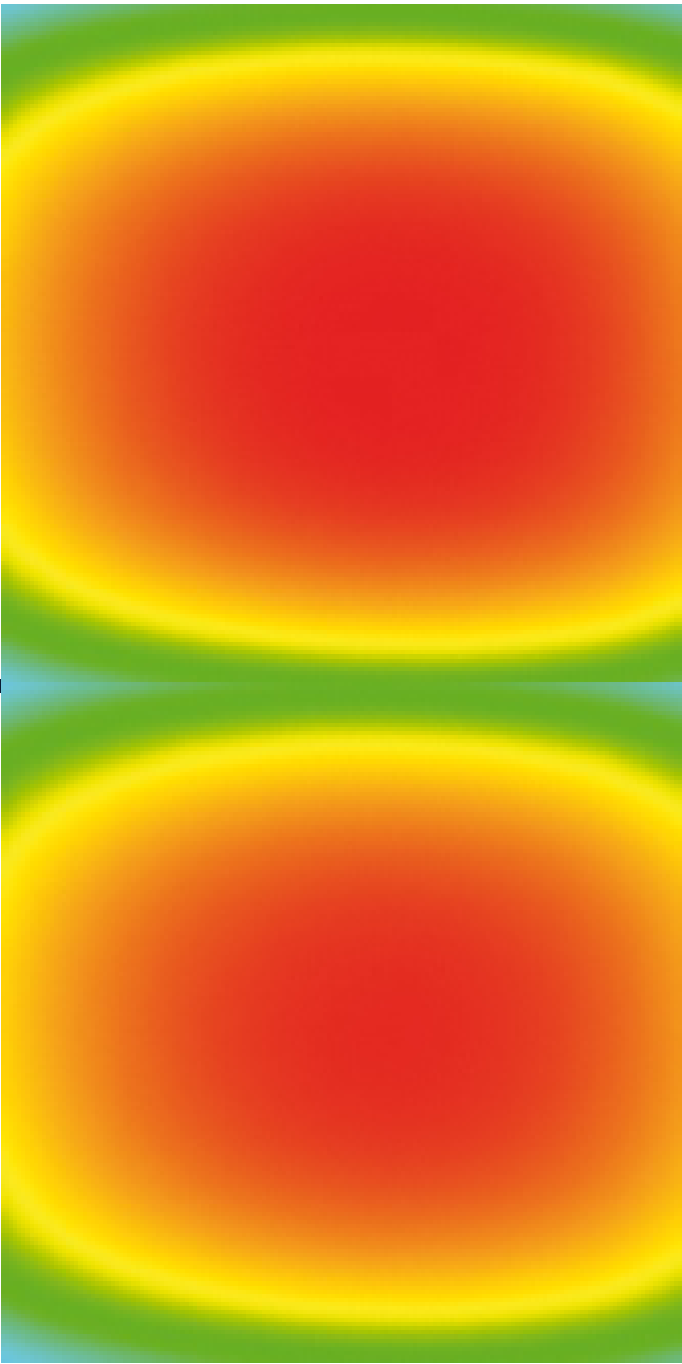
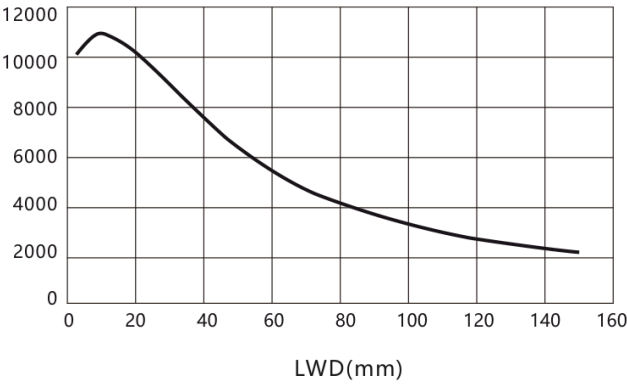


LS-SPQ-360-280

3



Performance



Product views

