

Light box light source (LB series)

LS-LB-C series · Custom lights · 4 models

Large-area shadowless illumination with strong anti-interference; eliminates interference from uneven surfaces and reflections; all-angle illumination suited to undulating and reflective objects.



Features

- Large-area shadowless illumination, strong anti-interference
- Eliminates interference from uneven surfaces and reflections
- All-angle illumination, suitable for undulating surfaces and reflective objects

Applications

- Plate (tableware) surface defect inspection
- LED lamp substrate surface defect inspection
- Facial mask surface defect inspection
- Cigarette box surface defect inspection
- Phone auxiliary material inspection
- Large field-of-view dirt inspection
- Circuit board inspection
- Remote control print inspection

Colours

R	620-630 nm
G	520-530 nm
B	465-475 nm
W	6000-6500 K
IR	850-940 nm
UV	365-405 nm

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)

Ordering code: LS-LB-<outer length mm>-<outer width mm>-<outer height mm>-<R/G/B/W> (e.g. LS-LB-356-298-300-R)

Models

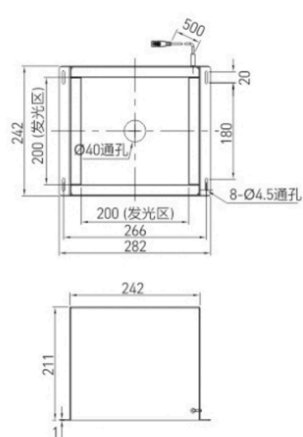
Model	Power (W)	Emitting area (mm)	Length (mm)	Width (mm)	Height (mm)	Recommended controller	Camera hole (drawing)
LS-LB-242-242-211-W colours: W	45	200 x 200	282	242	211	LS-DPS, LS-APS, LS-SPS	dia. 40 through hole
LS-LB-356-298-300-W colours: W	76	256 x 256	356	298	300	LS-DPS, LS-APS, LS-SPS	dia. 55 through hole
LS-LB-474-430-402-W colours: W	71.2	430 x 330	474	430	402	LS-DPS, LS-APS, LS-SPS	dia. 45 through hole
LS-LB-650-594-430-W colours: W	152	550 x 550	650	594	430	LS-CPL48320C-2T	dia. 50 through hole

More values per model (Mounting (drawing), Cable (drawing)) are on each product page.

Dimensions

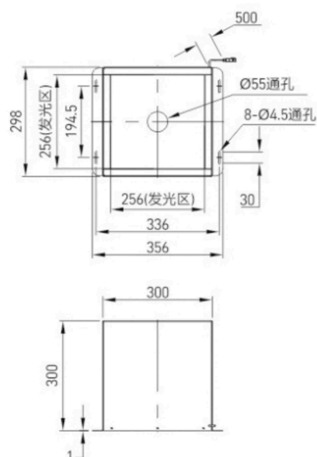
LS-LB-242-242-211

1



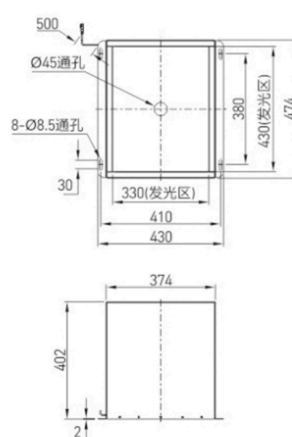
LS-LB-356-298-300

2



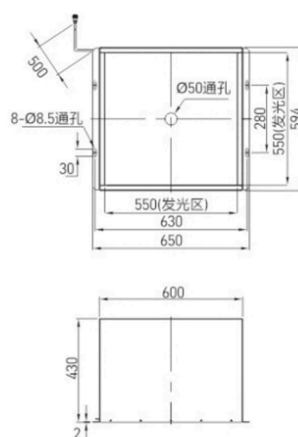
LS-LB-474-430-402

3

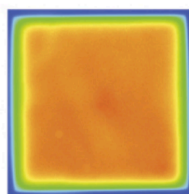
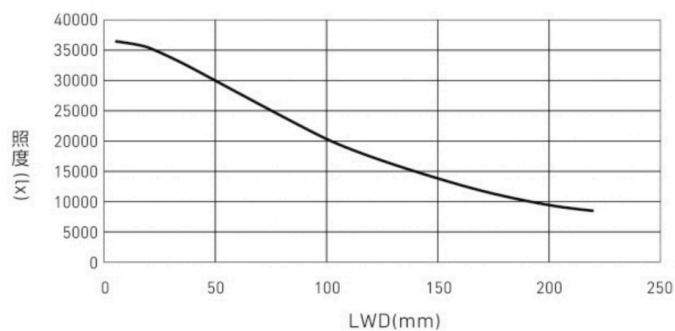


LS-LB-650-594-430

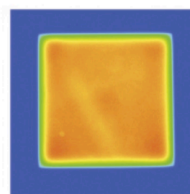
4



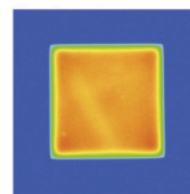
Performance



LWD=10mm



LWD=50mm



LWD=100mm

Product views

