

Four-sided shadowless light (HSP)

LS-HSP series · Shadowless lights · 3 models

Uses a unique illumination structure: LED light is diffused evenly by special optical material while a flexible circuit board fixes the illumination angle at 90 degrees; after refraction it lights the target area efficiently and evenly. Suited to large objects.



Features

- Unique structure, efficient and even illumination
- Suitable for large-area objects

Applications

- Phone edge inspection
- Character recognition
- Colour inspection
- Phone housing screw presence inspection

Colours

R	620-630 nm
G	525 nm
B	470 nm
W	5000-8000 K

Common specifications

Cable length (mm)	500
Operating environment	Ambient about 25 °C, operating temperature within 35 °C
Expected life	Red, white, blue and green: 30000 h continuous, decays to 40% (typical one-year decay 5-10%)

Support

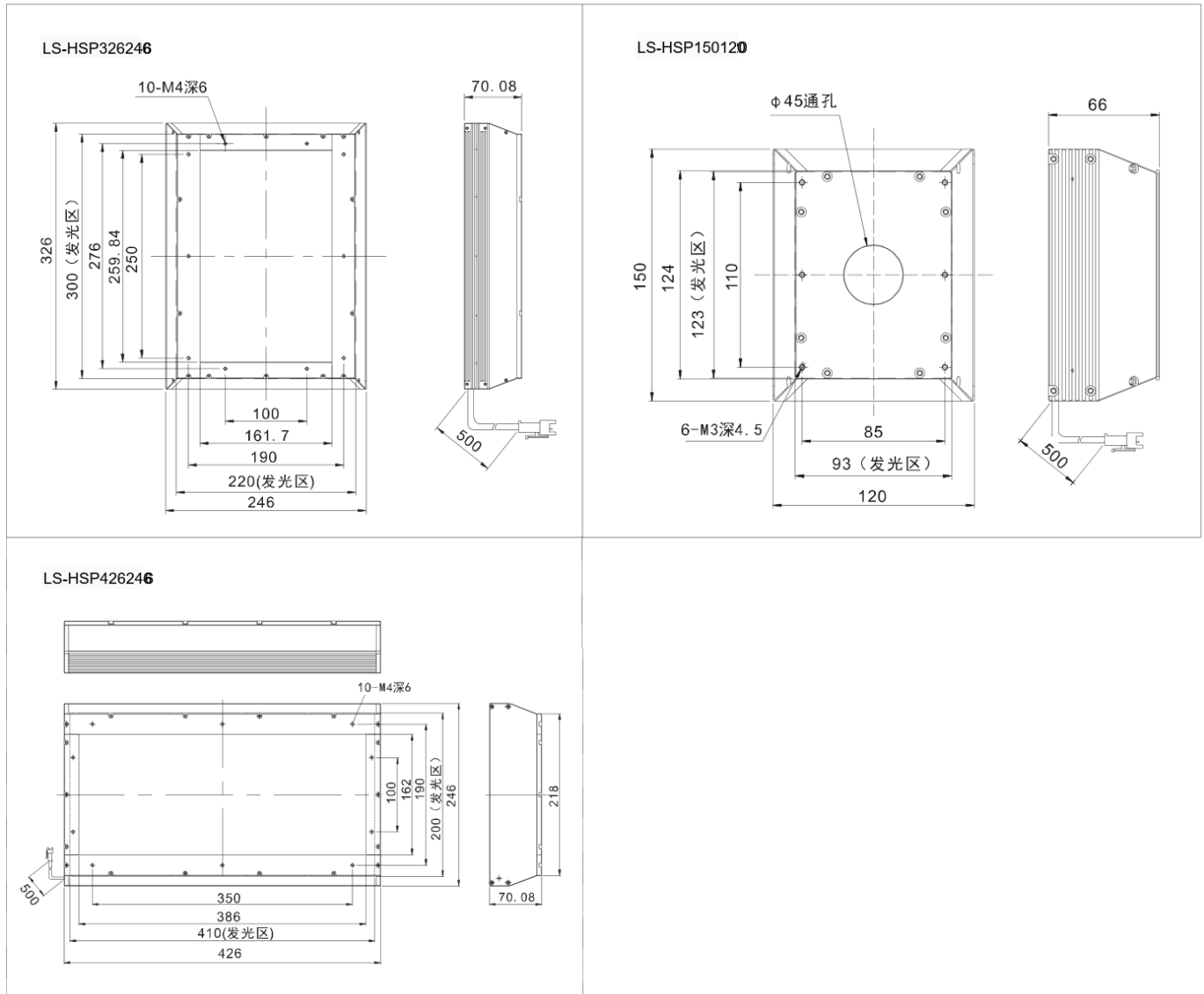
1 year of free standard technical support; can be customised to the inspected feature, working distance, illumination angle and field of view

Ordering code: H-SP-<outer length mm>-<outer width mm>-<colour> (example H-SP-326-246-W)

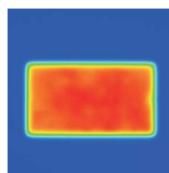
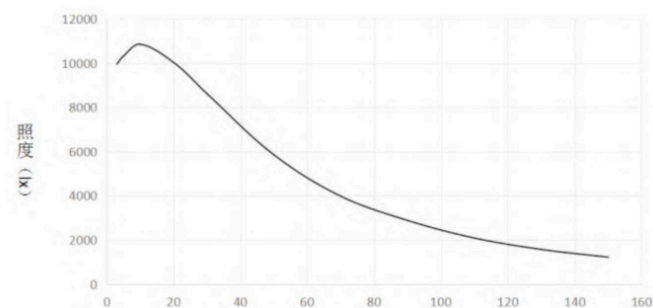
Models

Model	Size (mm)	Power, green/blue/white (W)	Power, red (W)	Recommended controller	Emitting area (mm, drawing)
LS-HSP326246 colours: R, G, B, W	L 326 x W 246	65	40	HMDPC2480	300 x 220
LS-HSP150120 colours: R, G, B, W	L 150 x W 120	10	10	HDPC2465D	123 x 93
LS-HSP426246 colours: R, G, B, W	L 426 x W 246	55	55	HDPC2465D	410 x 200

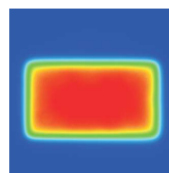
Dimensions



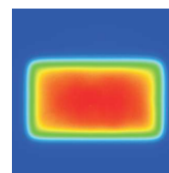
Performance



工作距离: 10mm



工作距离: 30mm



工作距离: 50mm