

IR light

LS-IR-S series · Ring lights · 10 models



Infrared light sources providing near-infrared 850 nm and 940 nm illumination; shape and lighting mode can be customised. Infrared light penetrates more strongly than ordinary light and works well for inspecting translucent samples.

Features

- Shape and lighting mode can be freely customised
- Near-infrared 850 nm and 940 nm illumination

Applications

- Medical (vein recognition, eyeball positioning)
- Packaging (see-through plastic packaging)
- Clothing, textiles
- Imaging case: product liquid level inspection

Colours

IR850	850 nm
IR940	940 nm

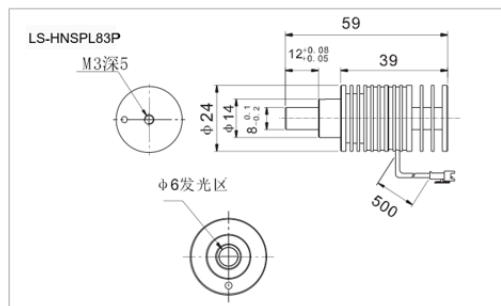
Common specifications

Peak wavelength	IR 850-940 nm
Operating environment	Ambient about 22 °C; operating temperature within 25 °C
Expected lifetime	Can be lit continuously for 30000 hours with light decay of 45% (about 8-10% decay after one year of normal lighting)
Support	All products come with one year of standard free technical support and can be customised to the object features, working distance, lighting angle and field of view
Suggested controller	HAPC2424P / HDPC2465D

Models

Model	Emitting size (mm)	Power (W)
LS-HRL7460K-IR940 colours: IR940	OD 74, ID 35	4.5
LS-HRL23728K-IR940 colours: IR940	L 237, W 28	8
LS-HCOL40K-IR850 colours: IR850	Emitting area 40 x 40	3
LS-HCOPL60-IR850 colours: IR850	Emitting area 60 x 60	4.5
LS-HHFL150100-IR940 colours: IR940	Emitting area 150 x 100	12
LS-HFL300200K-IR940 colours: IR940	Emitting area 300 x 200	22
LS-HDL100-IR850 colours: IR850	Emitting area 100	7.5
LS-HLSP150-IR850 colours: IR850	L 150, W 45	9.6
LS-HSAI175-IR850 colours: IR850	OD 175, ID 45	48.5
LS-HNSPL83P-IR940 colours: IR940	D dia. 8mm	4.5

Dimensions



Product views

