

High-brightness coaxial light (HHCOL)

LS-HHCOL series · Coaxial lights · 4 models

High-brightness coaxial light using high-power SMD LEDs; brighter and more uniform than a conventional coaxial light. Because of heat dissipation it is somewhat larger than a conventional coaxial light with the same emitting area.

Features

- Observation window and beam splitter specially customised



Applications

- Dents, damage and defects on reflective surfaces
- Characters and patterns on printed circuit boards
- High-speed SMT placement
- Motor centre positioning

Colours

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

Common specifications

Recommended controller	HL-DPC48150D
Cable length (mm)	500
Operating environment	Ambient about 25 °C, operating temperature within 35 °C

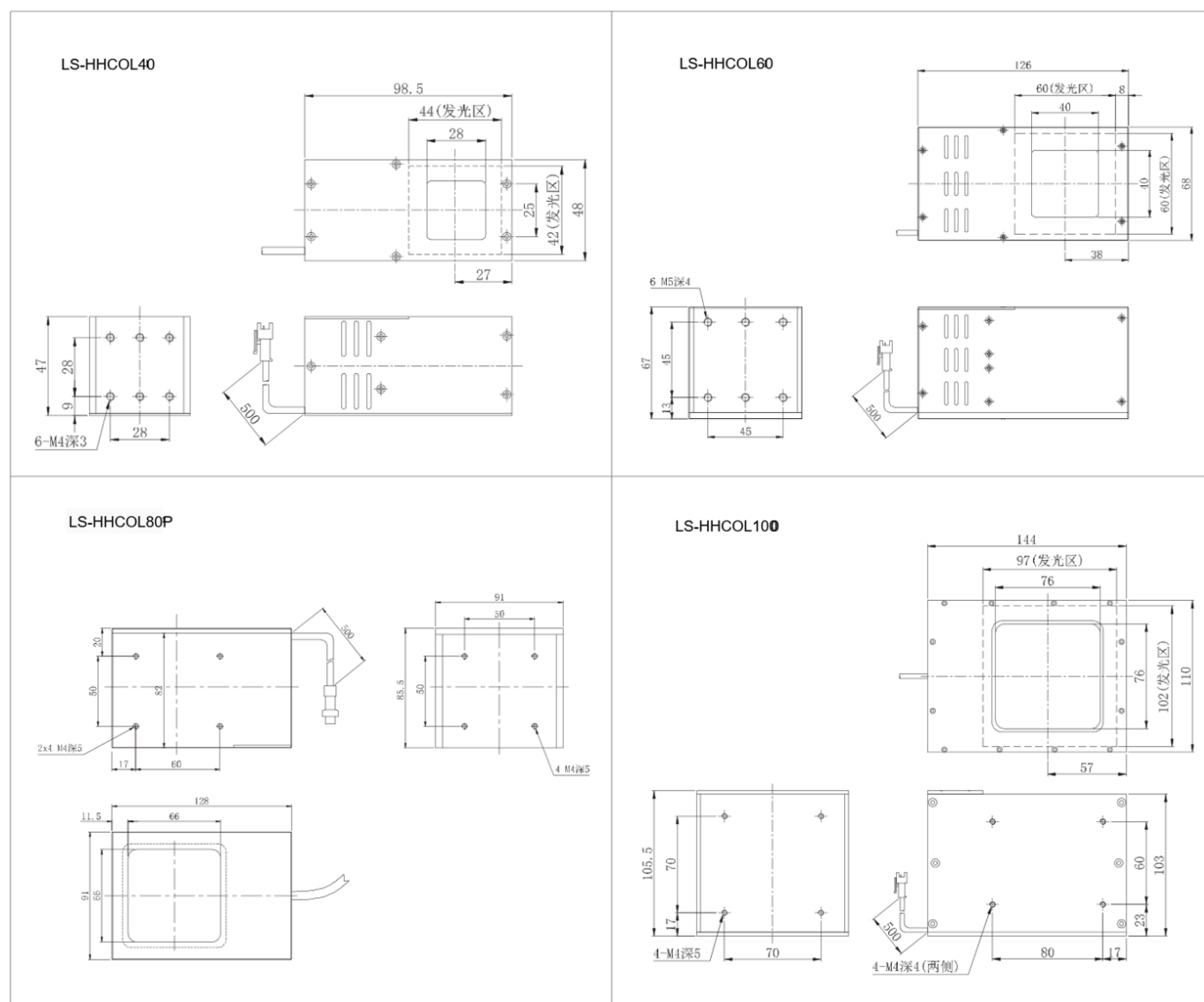
Expected life	Red, white, blue and green: 30000 h continuous, decays to 40% (typical one-year decay 5-10%)
Support	1 year of free standard technical support; can be customised to the inspected feature, working distance, illumination angle and field of view

Ordering code: H-HCOL-<emitting area mm: side length if square, length and width if rectangular>-P-<colour>
(example H-HCOL-80-P-W; P = upgraded version)

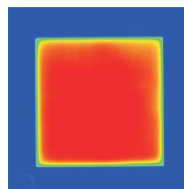
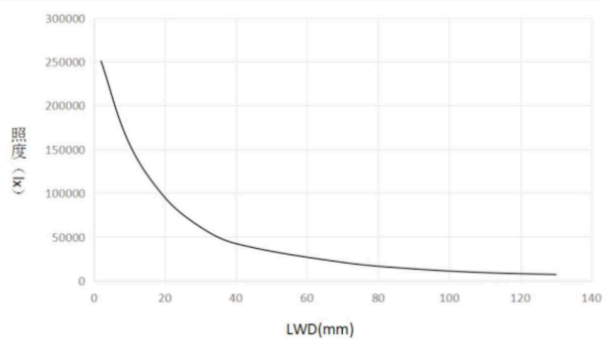
Models

Model	Emitting area (mm)	Power (W)
LS-HHCOL40 colours: R, G, B, W	40 x 40	31
LS-HHCOL60 colours: R, G, B, W	60 x 60	46.5
LS-HHCOL80P colours: R, G, B, W	80 x 80	81
LS-HHCOL100 colours: R, G, B, W	100 x 100	135

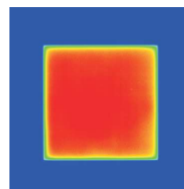
Dimensions



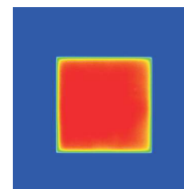
Performance



工作距离: 10mm



工作距离: 50mm



工作距离: 100mm