

Coaxial line light (HCOBL)

LS-HCOBL series · Line scan lights · 6 models



Coaxial line light made of a coaxial module and a standard line light. It keeps all functions of the line light while the coaxial module concentrates the light better; it uses the same controllers as the matching standard line light.

Features

- High-speed, large-format line illumination
- Coaxial module for better light concentration

Applications

- High-speed online inspection
- Highly reflective workpiece surfaces
- Print quality inspection

Colours

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

Common specifications

Cable length (mm)	500
Voltage	48 V (P version, as stated in the coding rule)
Operating environment	Ambient about 22 °C, operating temperature within 25 °C
Expected life	Red, white, blue and white (as printed): 20000 h continuous, decays to 60% (typical one-year decay 10-20%)
Support	1 year of free standard technical support; can be customised to the inspected feature, working distance, illumination angle and field of view

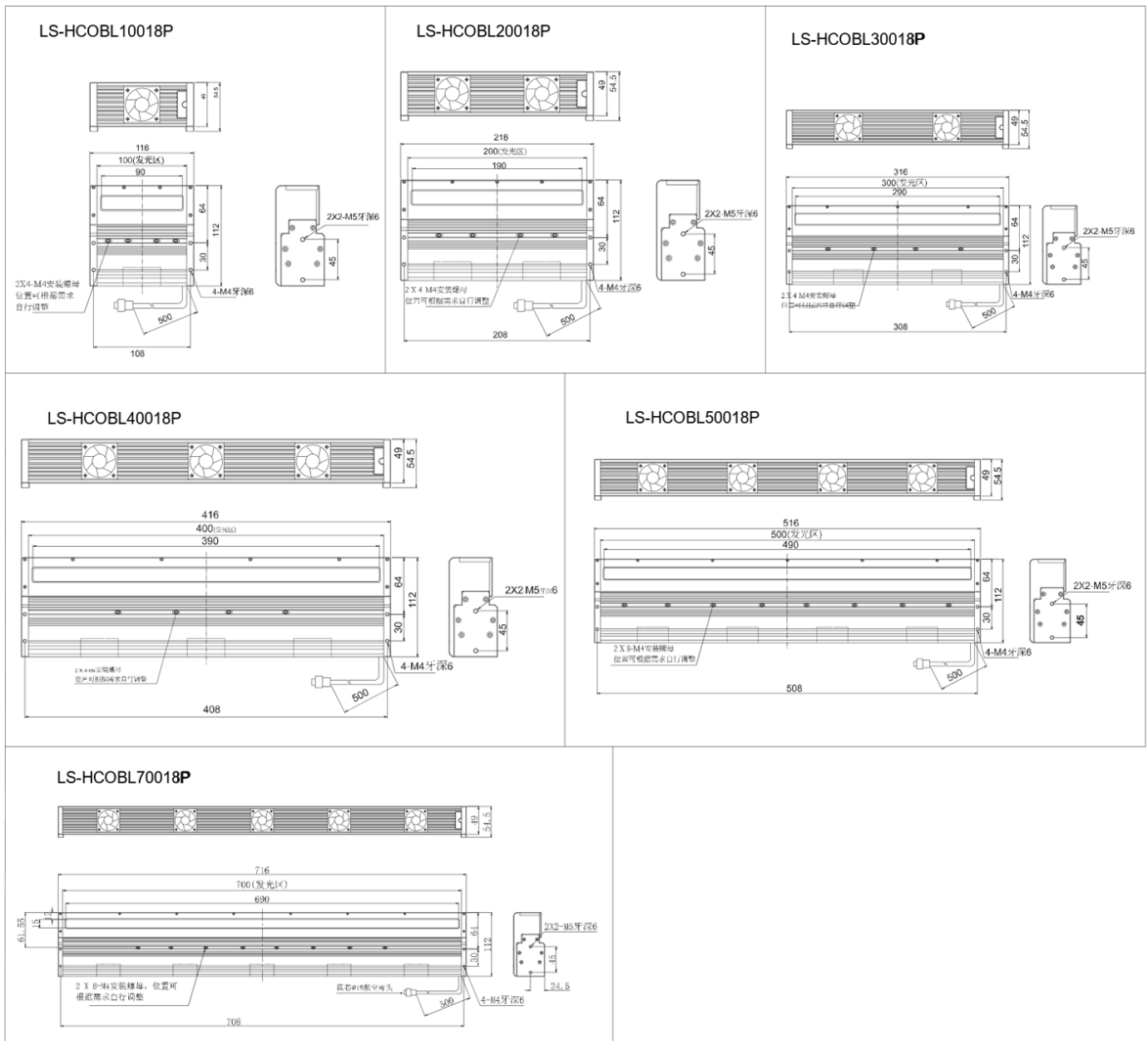
Ordering code: H-COBL-<emitting length and width mm>-P-<colour> (example H-COBL-10018-P-W; P = high-brightness upgraded 48 V version)

Models

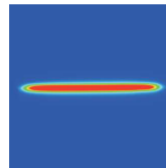
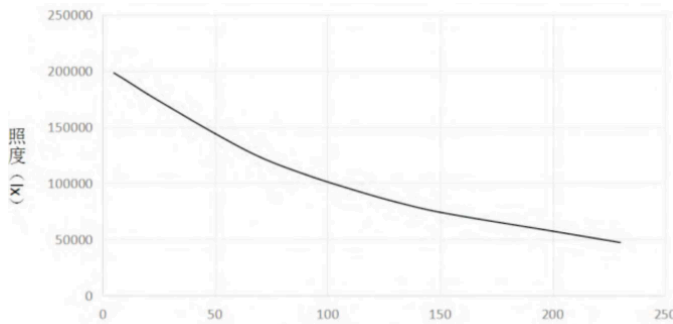
Model	Size (mm)	Power (W)	Recommended controller	Emitting length (mm, drawing)
LS-HCOBL10018P colours: R, G, B, W	L 116 x W 54.5	40	HDPC48150D	100
LS-HCOBL20018P colours: R, G, B, W	L 216 x W 54.5	80	HDPC48150D	200
LS-HCOBL30018P colours: R, G, B, W	L 316 x W 54.5	120	HDPC48150D	300
LS-HCOBL40018P colours: R, G, B, W	L 416 x W 54.5	160	HDPC48150D	400
LS-HCOBL50018P colours: R, G, B, W	L 516 x W 54.5	200	HHDPC48500P	500
LS-HCOBL70018P colours: R, G, B, W	L 716 x W 54.5	280	HHDPC48500P	700

More values per model (Height (mm, drawing)) are on each product page.

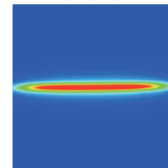
Dimensions



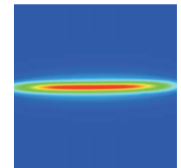
Performance



工作距离: 30mm



工作距离: 60mm



工作距离: 90mm