

Coaxial line light, CULPG series

LS-CULPG series · Line scan lights · 3 models



The coaxial light is composed of an LPG series line light plus a coaxial module.

Features

- The coaxial light is composed of LPG series light source plus a coaxial module

Applications

- Inspection of various membrane appearance
- Inspection of dirt on steel plate
- PCB board component inspection
- Inspection of shrink marks in resin
- Inspection of steel plate size
- Inspection of lithium battery appearance
- Electronic cigarette surface defect inspection
- Filter number inspection

Colours

R	620-630 nm
B	465-475 nm
W	6000-10000 K
G	520-530 nm
IR	850-940 nm
UV	365-405 nm

Common specifications

Storage temperature	20-60 °C
Operating temperature	0-40 °C
Humidity	20-85 %RH (non-condensing)
Service life	At 25 °C ambient: red works continuously for 60000 hours at 50% illumination, white 30000 hours at 50% illumination (decrement at 50%)

Warranty	1 year free maintenance or replacement for faults not caused by the user
Optional accessories	Extension cable
Controller	LS-CPL48320C-2T (the selected controller should match the power of the light source)
Uniformity FOV (CULPG300-W)	220 x 220 mm at LWD 30/60/90 mm

Ordering code: LS-<version>CULPG-<luminous L mm> (e.g. LS-2CULPG-150)

Models

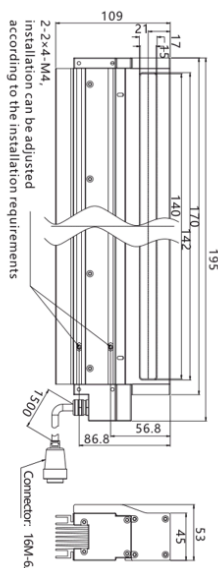
Model	Power R (W)	Power G/B/W (W)	Luminous size (mm)	Overall L (mm)
LS-CULPG150 colours: R, B, W	20	20	140 x 15	195
LS-CULPG300 colours: R, B, W	39	39	290 x 15	345
LS-CULPG450 colours: R, B, W	58	58	440 x 15	395

More values per model (Overall W (mm), Overall H (mm), Recommended controller, Connector, Cable length (mm), Mounting) are on each product page.

Dimensions

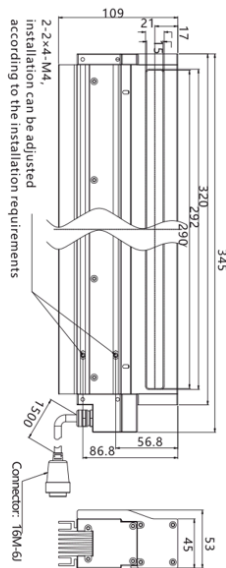
LS-CULPG150

1



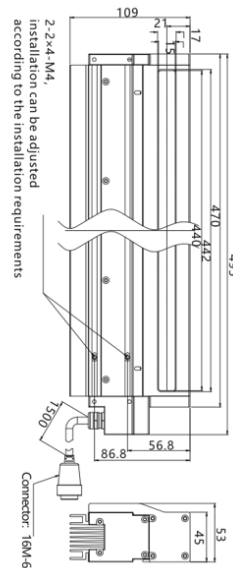
LS-CULPG300

2

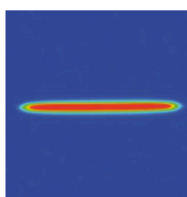
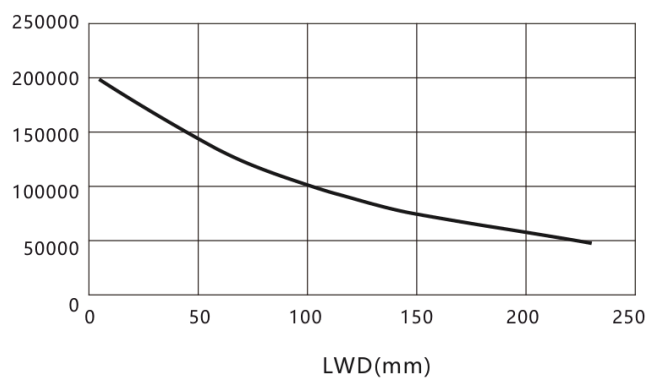


LS-CULPG450

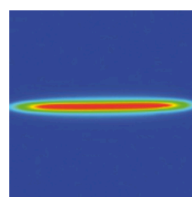
3



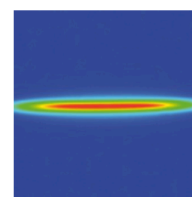
Performance



LWD=30mm



LWD=60mm



LWD=90mm

Product views

