

Time-division line-scan light source (LPG-TS series)

LS-LPG-TS series · Line scan lights · 4 models

Used with the time-division line-scan light controller for instantly higher brightness; several light groups switch instantly so one capture gives several lighting effects, solving compatibility issues, lowering vision hardware cost and saving machine space.



Features

- Paired with the time-division line-scan controller for instantly higher brightness
- Multiple light groups switch instantly: one capture, several effects; solves compatibility issues, lowers vision hardware cost, saves mechanism space
- Can be fitted with a coaxial module to upgrade to a coaxial line light

Applications

- Face mask surface defect inspection
- Phone screen surface defect inspection
- Printing industry surface defect inspection
- Metal cylinder surface defect inspection

Colours

R	620-630 nm
G	520-530 nm
B	465-475 nm
W	6000-6500 K
IR	850-940 nm
UV	365-405 nm

Common specifications

Wavelength red	620-630 nm
Wavelength green	520-530 nm
Wavelength blue	465-475 nm
Colour temperature white	6000-6500 K
Wavelength IR	850-940 nm
Wavelength UV	365-405 nm
Storage temperature	20 to 60 °C
Operating temperature	0 to 40 °C
Humidity	20-85 %RH (non-condensing)
Optional accessories	Extension cable
Controller	LS-TPS481500B-8T
Service life (red)	60000 h continuous at 25 °C, 50% illumination, to 50% decrement
Service life (white)	30000 h continuous at 25 °C, 50% illumination, to 50% decrement
Warranty	1 year from shipment (faults not caused by the user: free repair or replacement)

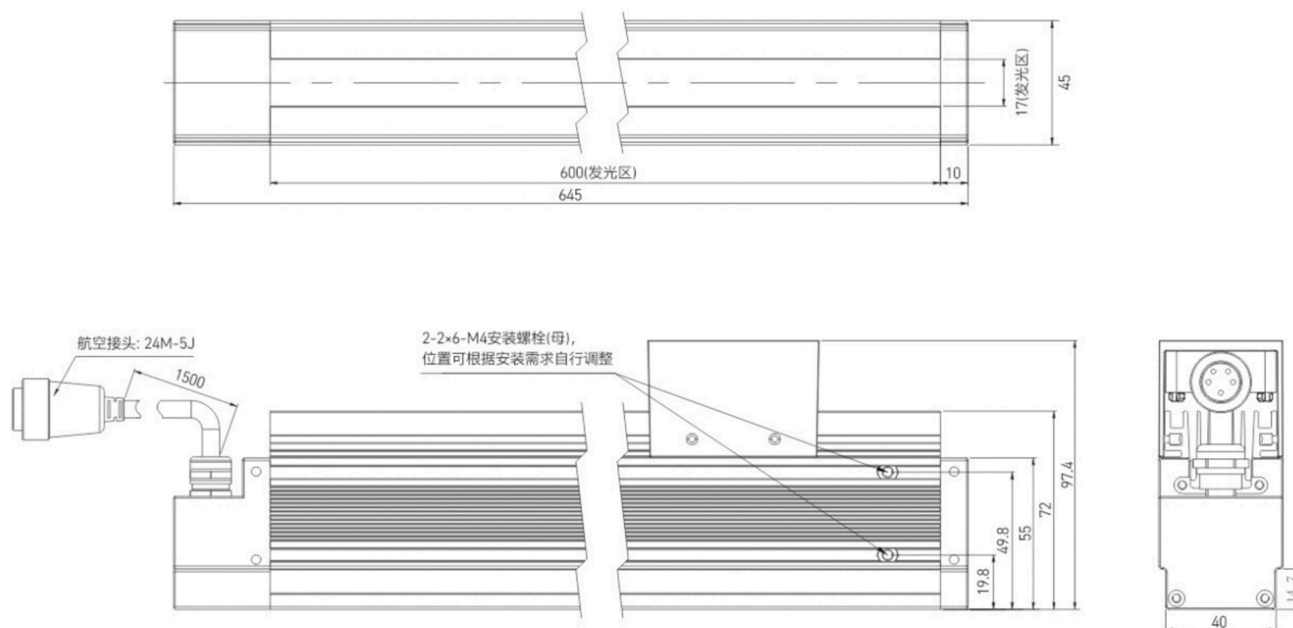
Ordering code: LS-2LPG<emitting length mm>-<R/G/B/W>-TS (2 = version, LPG = line light, TS = time-division line scan; e.g. LS-2LPG300-W-TS)

Models

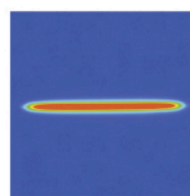
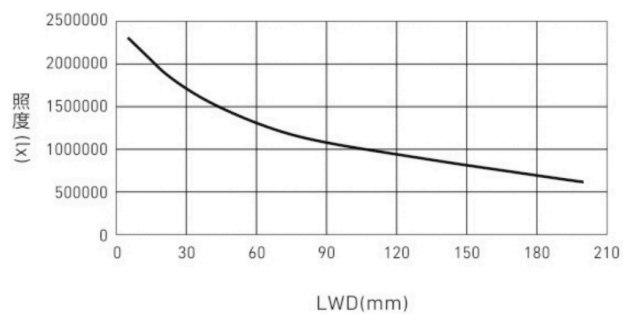
Model	Power (W)
LS-2LPG600-W-TS colours: W	448
LS-2LPG600-R-TS colours: R	336
LS-2LPG600-B-TS colours: B	448
LS-2LPG600-G-TS colours: G	448

More values per model (Number of light lines, Matching controller, Emitting length (drawing, mm), Emitting width (drawing, mm), Overall length (drawing, mm), Width (drawing, mm), Height (drawing, mm), Depth (drawing, mm), Connector (drawing), Cable (drawing), Mounting (drawing)) are on each product page.

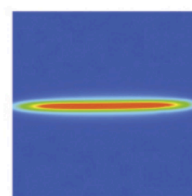
Dimensions



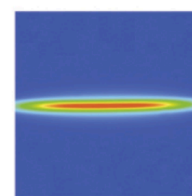
Performance



LWD=30mm



LWD=60mm



LWD=90mm

Product views

