

Line light source (LPG)

LS-LPG series · Line scan lights · 52 models

High-brightness, high-uniformity line light that can be used as front or back light, in customisable lengths. These pages give the dimension drawings for the long LPG sizes and the 2LPG version.



Features

- High brightness
- High uniformity
- Can be used as front light and back light
- Customized different lengths

Applications

- Standard line light use
- High speed line scan inspection
- Resistance surface character inspection
- Inspection of graphene material appearance
- Inspection of cowhide leather surface defects
- Aluminium plate surface defect inspection
- Printing inspection
- Keyboard screen inspection

Colours

R	620-630 nm
B	465-475 nm
W	6000-6500 K

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-CPL48320C-2T / LS-CPL48760C-2T (the selected controller should match the power of the light source)
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)
Illuminance chart reference	LS-LPG300-W; uniformity LS-LPG300-W, FOV 220 x 220 mm at LWD 40/80/100 mm
Emitting width (mm)	17
Cable length (mm)	1500

Ordering code: G-[version]LPG<emitting length mm>-<R/G/B/W> (e.g. LS-2LPG150-R; the catalog labels LPG 'spot light source' in the coding diagram)

Models

Model	Power R (W)	Power G/B/W (W)	Recommended controller	Emitting area (mm)	Overall length (mm)	Section (mm)	Connector
LS-LPG150-R/B/W colours: R, B, W	20	20	LS-CPL48320C-2T	-	-	-	-
LS-LPG300-R/B/W colours: R, B, W	39	39	LS-CPL48320C-2T	-	-	-	-
LS-LPG450-R/B/W colours: R, B, W	58	58	LS-CPL48320C-2T	-	-	-	-
LS-LPG600-R/B/W colours: R, B, W	77	77	LS-CPL48320C-2T	-	-	-	-
LS-LPG750-R/B/W colours: R, B, W	96	96	LS-CPL48320C-2T	-	-	-	-
LS-LPG900-R/B/W colours: R, B, W	116	116	LS-CPL48320C-2T	-	-	-	-
LS-LPG1050-R/B/W colours: R, B, W	135	135	LS-CPL48320C-2T	-	-	-	-
LS-LPG1200-R/B/W colours: R, B, W	154	154	LS-CPL48320C-2T	-	-	-	-
LS-LPG1350-R/B/W colours: R, B, W	173	173	LS-CPL48320C-2T	-	-	-	-
LS-LPG1500-R/B/W colours: R, B, W	192	192	LS-CPL48320C-2T	-	-	-	-
LS-LPG1650-R/B/W colours: R, B, W	212	212	LS-CPL48320C-2T	-	-	-	-
LS-LPG1800-R/B/W colours: R, B, W	231	231	LS-CPL48320C-2T	-	-	-	-

LS-LPG1950-R/ B/W colours: R, B, W	250	250	LS- CPL48320C-2T	-	-	-	-
LS-LPG2100-R/ B/W colours: R, B, W	269	269	LS- CPL48320C-2T	-	-	-	-
LS-LPG2250-R/ B/W colours: R, B, W	288	288	LS- CPL48320C-2T	-	-	-	-
LS-LPG2400-R/ B/W colours: R, B, W	308	308	LS- CPL48320C-2T	-	-	-	-
LS-2LPG150-R/ B/W colours: R, B, W	44	54	LS- CPL48320C-2T	-	-	-	-
LS-2LPG300-R/ B/W colours: R, B, W	87	108	LS- CPL48320C-2T	-	-	-	-
LS-2LPG450-R/ B/W colours: R, B, W	130	162	LS- CPL48320C-2T	-	-	-	-
LS-2LPG600-R/ B/W colours: R, B, W	173	216	LS- CPL48320C-2T	-	-	-	-
LS-2LPG750-R/ B/W colours: R, B, W	216	270	LS- CPL48320C-2T	-	-	-	-
LS-2LPG900-R/ B/W colours: R, B, W	260	324	LS- CPL48320C-2T	-	-	-	-
LS-2LPG1050- R/B/W colours: R, B, W	303	378	LS- CPL48760C-2T	-	-	-	-
LS-2LPG1200- R/B/W colours: R, B, W	346	432	LS- CPL48760C-2T	-	-	-	-
LS-2LPG1350-R/ B/W colours: R, B, W	389	486	LS- CPL48760C-2T	-	-	-	-
LS-2LPG1500- R/B/W colours: R, B, W	432	540	LS- CPL48760C-2T	-	-	-	-
LS-2LPG1650-R/ B/W colours: R, B, W	476	594	LS- CPL48760C-2T	-	-	-	-
LS-2LPG1800- R/B/W colours: R, B, W	519	648	LS- CPL48760C-2T	-	-	-	-
LS-2LPG1950-R/ B/W colours: R, B, W	562	702	LS- CPL48760C-2T	-	-	-	-
LS-2LPG2100- R/B/W colours: R, B, W	605	756	LS- CPL48760C-2T	-	-	-	-
LS-LPG1350	-	-	-	1350 x 17	1420	45 wide (top view), 40 base, 55 / 72 high	16M-6J/16J6TQ

LS-LPG1500	-	-	-	1500 x 17	1570	45 wide (top view), 40 base, 55 / 72 high	16M-6J/16J6TQ
LS-LPG1650	-	-	-	1650 x 17	1720	45 wide (top view), 40 base, 55 / 72 high	16M-6J/16J6TQ
LS-LPG1800	-	-	-	1800 x 17	1870	45 wide (top view), 40 base, 55 / 72 high	16M-6J/16J6TQ
LS-LPG1950	-	-	-	1950 x 17	2020	45 wide (top view), 40 base, 55 / 72 high	16M-6J/16J6TQ
LS-LPG2100	-	-	-	2100 x 17	2170	45 wide (top view), 40 base, 55 / 72 high	16M-6J/16J6TQ
LS-LPG2250	-	-	-	2250 x 17	2320	45 wide (top view), 40 base, 55 / 72 high	16M-6J/16J6TQ
LS-LPG2400	-	-	-	2400 x 17	2470	45 wide (top view), 40 base, 55 / 72 high	16M-6J/16J6TQ
LS-2LPG150	-	-	-	150 x 17	195	45 wide (top view), 40 base, 97.4 high	16M-6J/16J6TQ
LS-2LPG300	-	-	-	300 x 17	345	45 wide (top view), 40 base, 97.4 high	16M-6J/16J6TQ
LS-2LPG450	-	-	-	450 x 17	495	45 wide (top view), 40 base, 97.4 high	16M-6J/16J6TQ
LS-2LPG600	-	-	-	600 x 17	670	45 wide (top view), 40 base, 97.4 high	16M-6J/16J6TQ
LS-2LPG750	-	-	-	750 x 17	820	45 wide (top view), 40 base, 97.4 high	16M-6J/16J6TQ
LS-2LPG900	-	-	-	900 x 17	970	45 wide (top view), 40 base, 97.4 high	16M-6J/16J6TQ
LS-2LPG1050	-	-	-	1050 x 17	1120	45 wide (top view), 40 base, 97.4 high	24M-6J/24J6TQ
LS-2LPG1200	-	-	-	1200 x 17	1270	45 wide (top view), 40 base, 97.4 high	24M-6J/24J6TQ
LS-2LPG1350	-	-	-	1350 x 17	1420	45 wide (top view), 40 base, 97.4 high	24M-6J/24J6TQ
LS-2LPG1500	-	-	-	1500 x 17	1570	45 wide (top view), 40 base, 97.4 high	24M-6J/24J6TQ
LS-2LPG1650	-	-	-	1650 x 17	1720	45 wide (top view), 40 base, 97.4 high	24M-6J/24J6TQ
LS-2LPG1800	-	-	-	1800 x 17	1870	45 wide (top view), 40 base, 97.4 high	24M-6J/24J6TQ

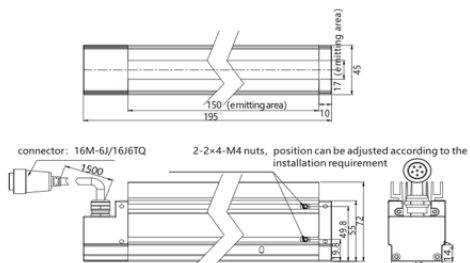
LS-2LPG1950	-	-	-	1950 x 17	2020	45 wide (top view), 40 base, 97.4 high	24M-6J/24J6TQ
LS-2LPG2100	-	-	-	-	-	45 wide, 40 base, 97.4 high	24M-6J/24J6TQ

More values per model (Emitting area (mm, drawing), Overall length (mm, drawing), Width (mm, drawing), Height (mm, drawing), Mounting, Connectors) are on each product page.

Dimensions

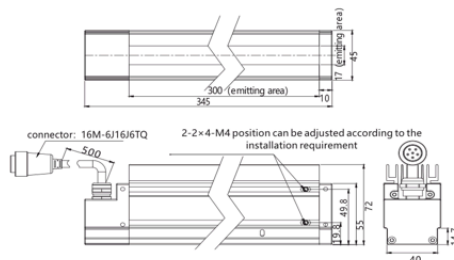
LS-LPG150

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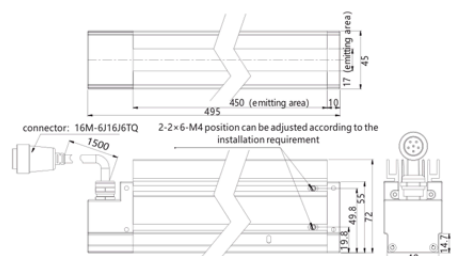
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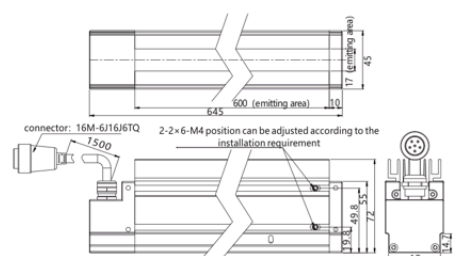
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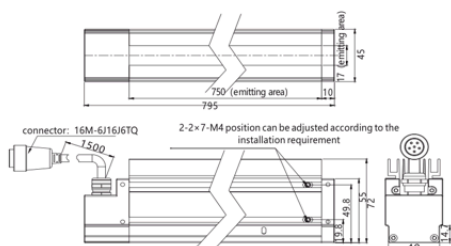
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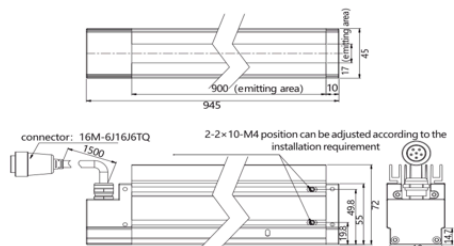
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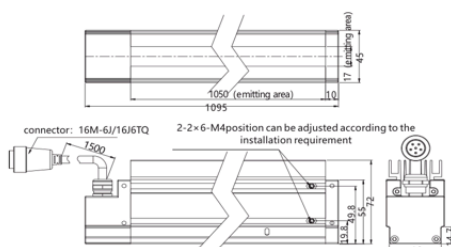
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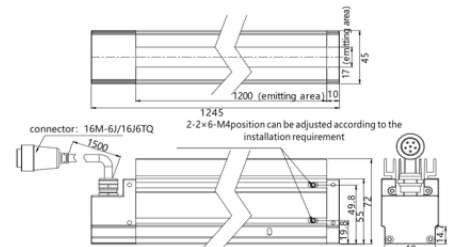
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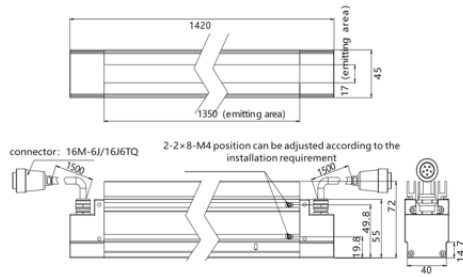
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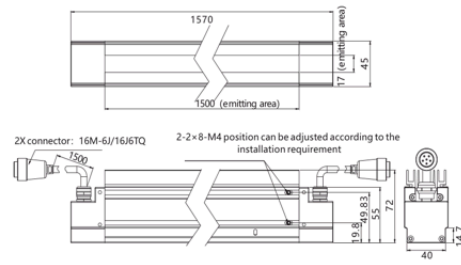
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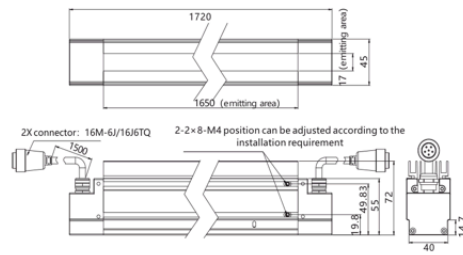
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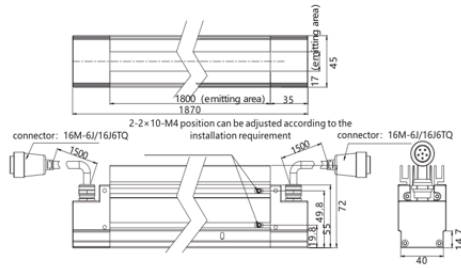
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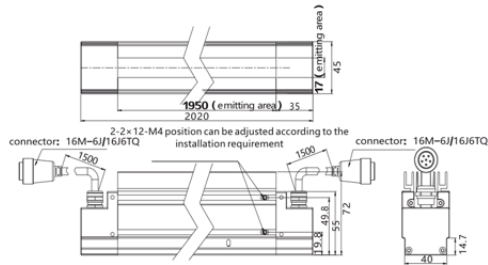
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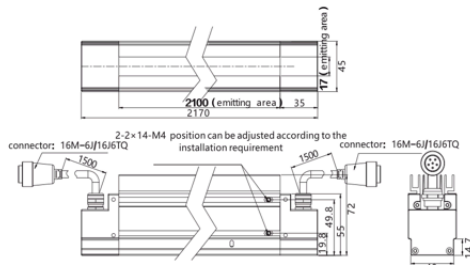
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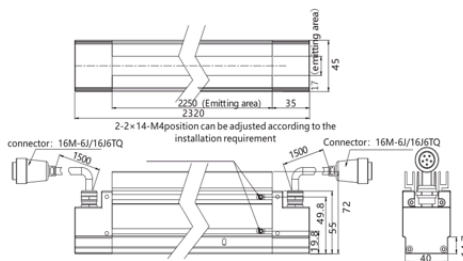
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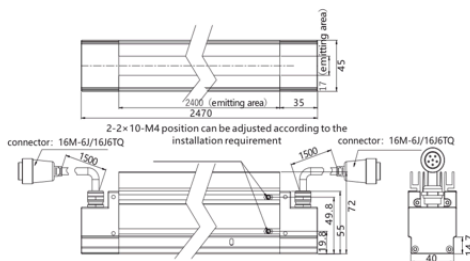
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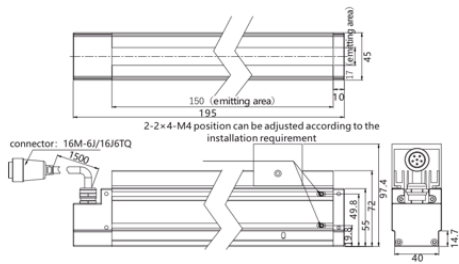
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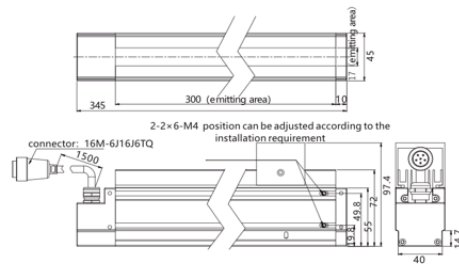
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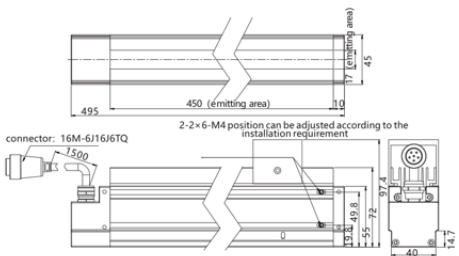
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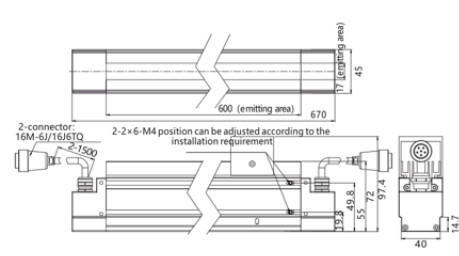
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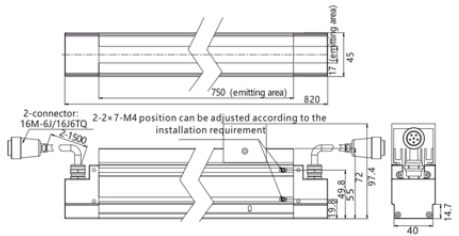
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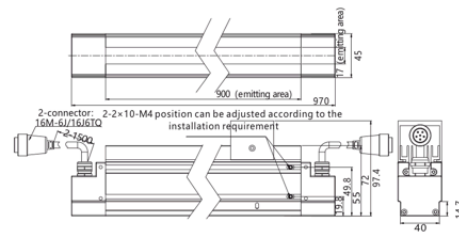
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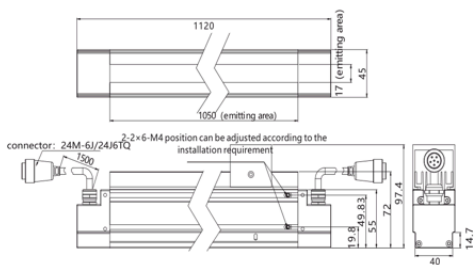
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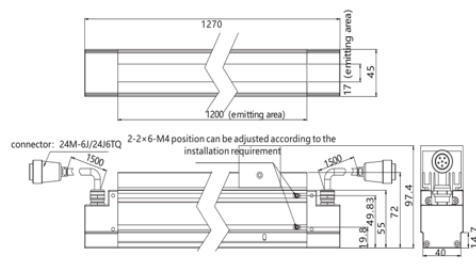
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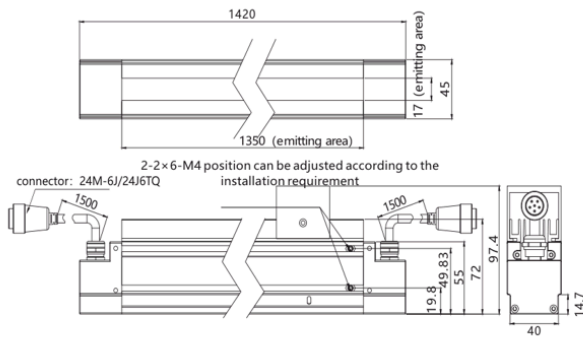
LS-2LPG1200

24



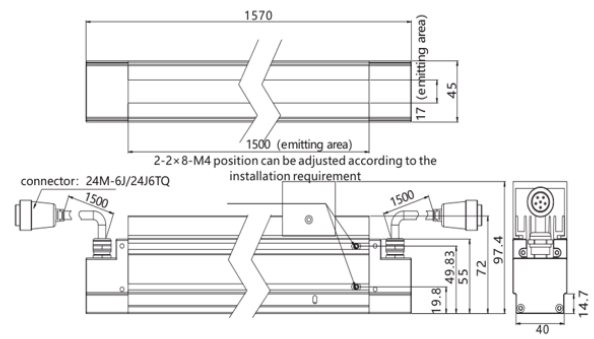
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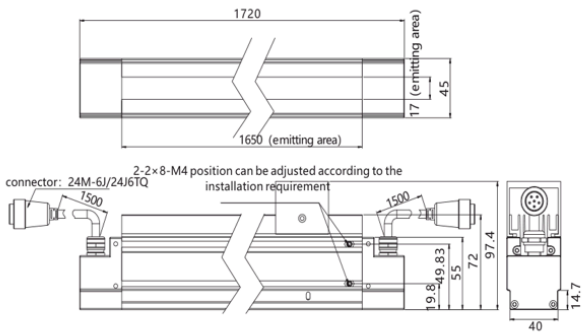
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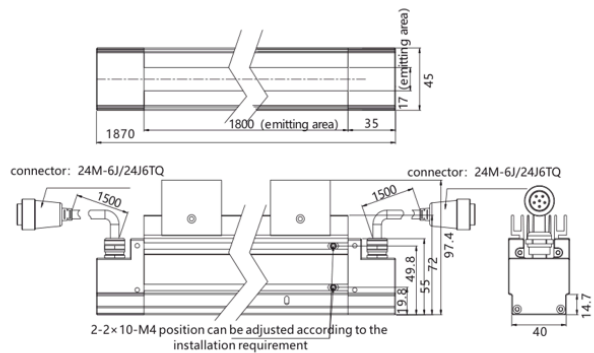
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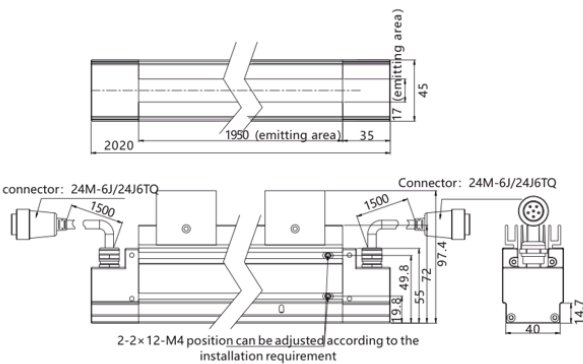
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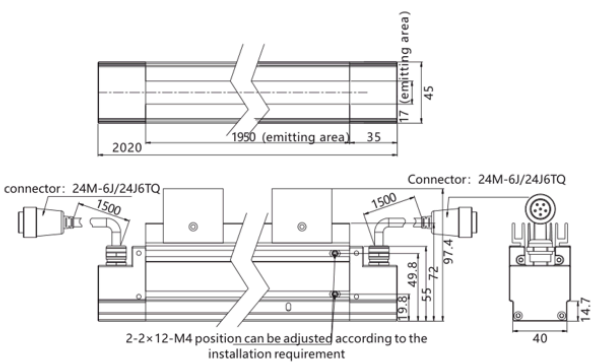
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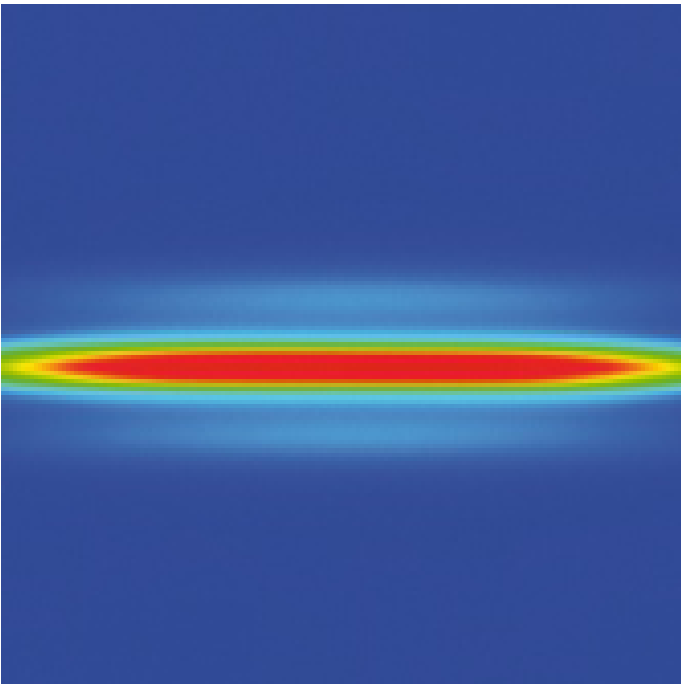
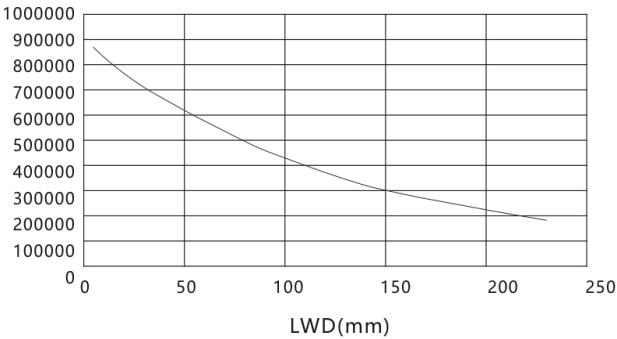
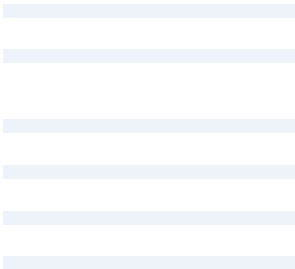


LS-2LPG2100

30



Performance



Product views

