

Multi-angle line scan light, fan cooled (2LINM)

LS-2LINM series · Line scan lights · 7 models



Multi-angle line scan light that illuminates from different angles, with luminance up to 1,100,000 lux, concentrated light, high uniformity and a compact structure.

Features

- Light reflected from different angles; luminance can reach 1,100,000 lux (printed '1100,000LUS')
- Concentrated light, high uniformity
- Compact structure
- Multi-area line scan light: multiple-direction light paths give obvious contrast between scratches and background (vs tunnel line scan light)
- Customizable: multi-area control, length, colour & colour temperature, cable length, installation method

Applications

- Scratches, bubbles, stains and fingerprints on mobile screen surfaces
- Crack / scratch / glue stamp / greasy dirt / bad point / dead pixel inspection

Colours

R	620-630 nm
G	525-530 nm
B	465-470 nm
W	6600 K

Common specifications

Cooling	Fan cooling
Peak wavelength / colour temperature	Red 620-630 nm, Green 525-530 nm, Blue 465-470 nm, White 6600 K (colour temperature)
Adapted controller	High power constant voltage controller LS-2APC; high power constant current controller LS-2APC (as printed)
Voltage	24 V / 48 V DC (by model)
Height (mm)	60 (standard 200/250, 132), 80 (H250/H300), 84 (H500, 880)

Mounting	2x6-M5 depth 6 (880: 2x6-M5 depth 8)
Cable	1000 mm
Inspection precision examples (mm)	crack 0.02; scratch 0.02-0.03; glue stamp 0.08; greasy dirt 0.1; scratch & bad point 0.04; bad point 0.04; dead pixel 0.03
Operating environment	Temperature 0-50 °C, humidity 20-85% (non-condensing)
Life-span	50000 h (to 50% of factory-default luminance)
Extension cable options	PVC extension cable (flexible, bend and heat resistant, for use inside equipment); high-flexibility extension cable (harder and more abrasion resistant than PVC, for drag-chain production lines)
UV / IR	UV & IR light can be customized as required
Emitting length range (mm)	132-880
Recommended working distance	10-30 mm
FOV	1-1200 mm

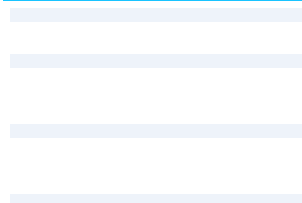
Ordering code: LS-2LINM<length of luminous zone>-<R/G/B/W/IR/UV> (H = high luminance, e.g. LS-2LINMH250)

Models

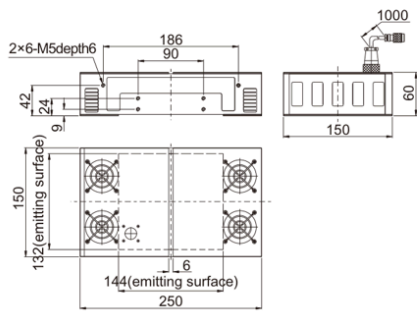
Model	Voltage (V)	Power (W)	Weight (g)	Drawing no.	Common model	Emitting length (mm)	Type
LS-2LINM132 colours: R, G, B, W	24	108	2161	1	N	132	Customized
LS-2LINM200 colours: R, G, B, W	24	180	3150	2	Y	200	Standard
LS-2LINM250 colours: R, G, B, W	24	216	3750	3	Y	250	Standard
LS-2LINMH250 colours: R, G, B, W	24	324	4250	4	N	250	High luminance
LS-2LINMH300 colours: R, G, B, W	24	360	5500	5	N	300	High luminance
LS-2LINMH500 colours: R, G, B, W	48	576	9000	6	N	500	High luminance
LS-2LINM880 colours: R, G, B, W	48	648	17250	7	Y	880	Standard

More values per model (Emitting surface (mm)) are on each product page.

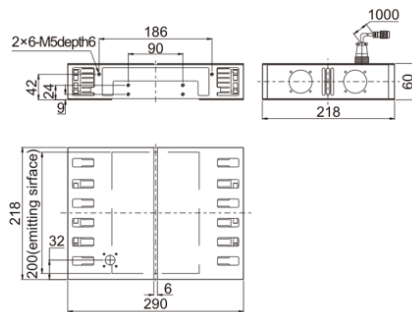
Dimensions



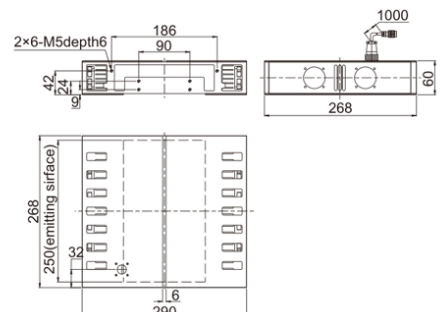
1. LS-2LINM132(Customized)



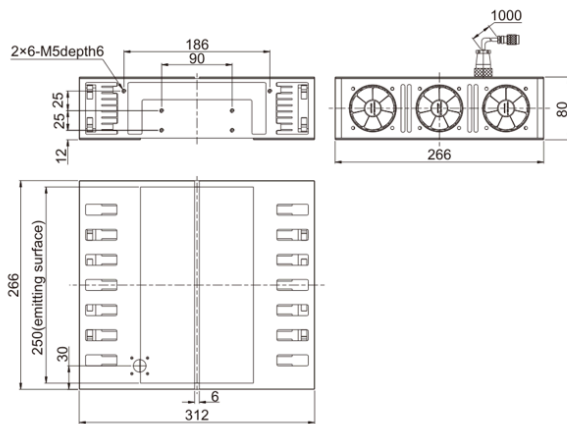
2. LS-2LINM200(Standard)



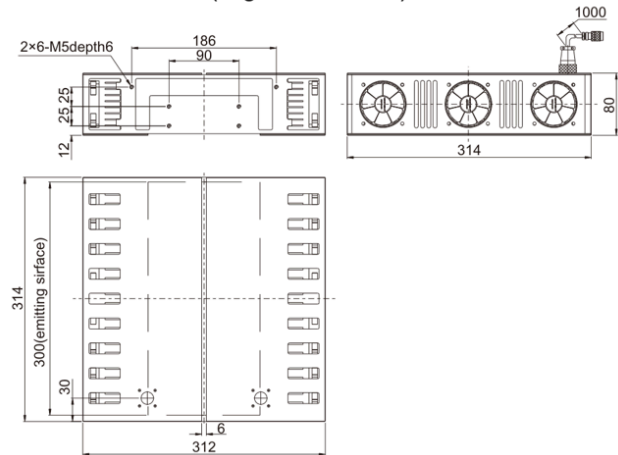
3. LS-2LINM250(Standard)



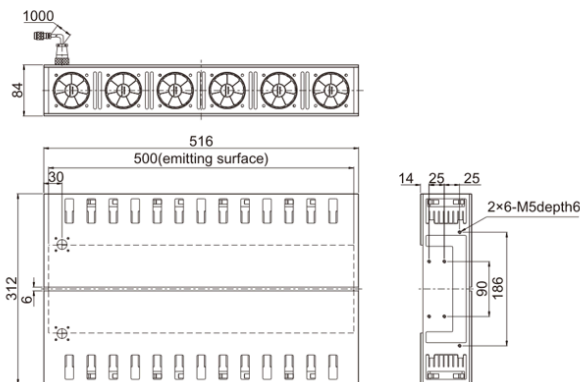
4. LS-2LINMH250(High luminance)



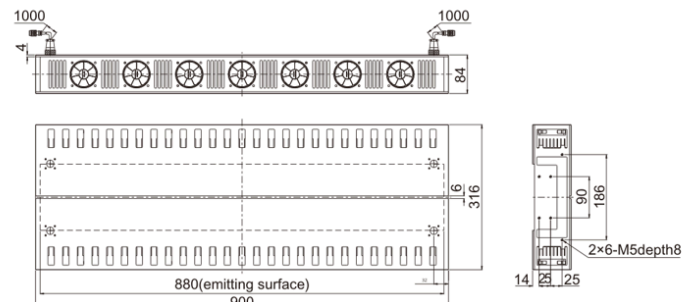
5. LS-2LINMH300(High luminance)



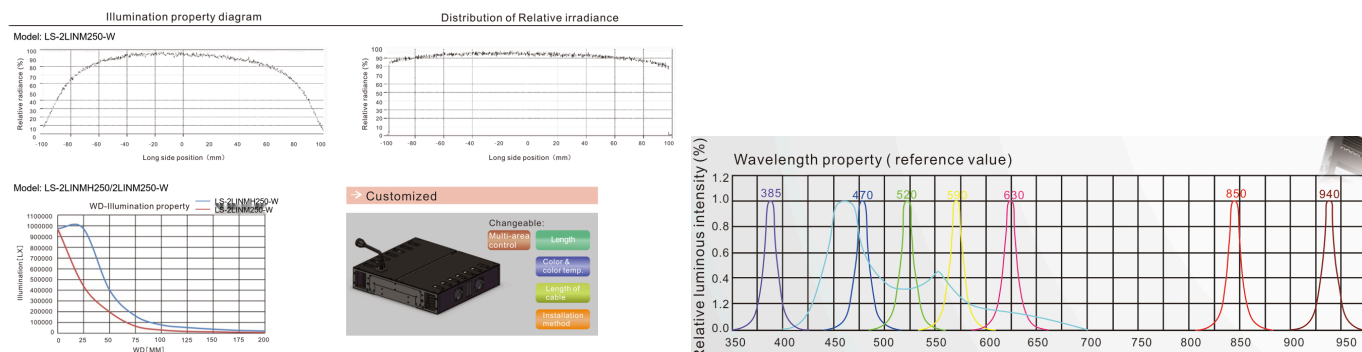
6. LS-2LINMH500(High luminance)



7. LS-2LINM880(Standard)



Performance



Product views

