

Passive Cooling Line Scan Lights

OPT-LSNS/OPT-LSNL Series **New**

Product Features

Main Features

- Fanless design which are quiet and stable, suitable for environment with special requirements for noise, vibration, and airflow.
- LSNS series has a max illuminance value of 1 million lux (WD=20mm), while the LSNL series has a max illuminance value of 1.1 million lux (WD=50mm).

Application Cases

- inspection for PCB
- inspection for Li-ion pole piece
- inspection for printing
- inspection for display screen

Customizable Items



Color



Mounting



Connector

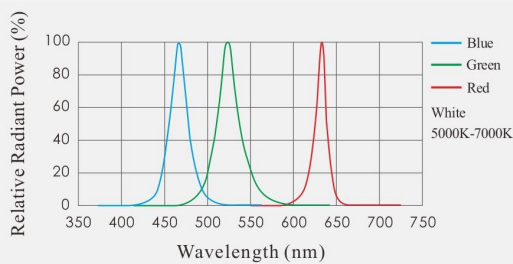


Size



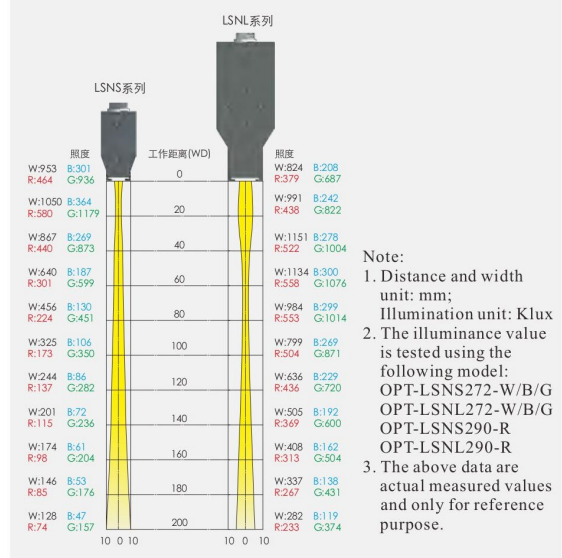
Heat dissipation

Spectrum Chart



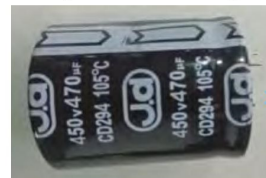
Note: The data is for reference only.

Series features

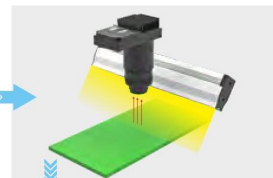


Application Cases

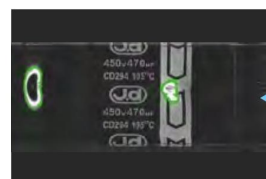
Capacitor dent inspection



Workpiece



Illumination



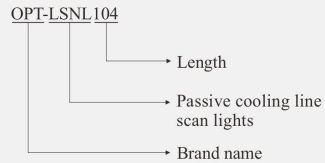
SciSmart Analysis Result



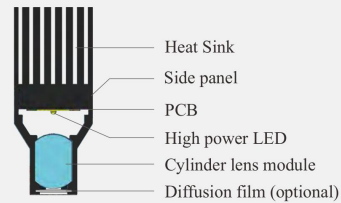
Image

OPT-LSNL Passive Cooling Line Scan Lights

Selection Guide



Section Structure Drawing



Model Table

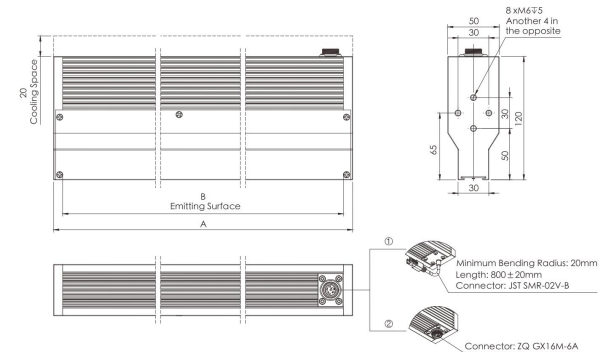
No.	Model	Color	* Input	Total Length A (mm)	Emitting Length B (mm)	Connector port	Standard light source cable	Recommended controller
1	OPT-LSNL104	○ ● ●	14.4W@24V	104	86	①	Provided within light source.	OPT-DPA2024E
2	OPT-LSNL146	○ ● ●	21.6W@24V	146	128			
3	OPT-LSNL188	○ ● ●	28.8W@24V	188	170			
4	OPT-LSNL230	○ ● ●	36W@24V	230	212			
5	OPT-LSNL272	○ ● ●	43.2W@24V	272	254			
6	OPT-LSNL314	○ ● ●	50.4W@2.1A	314	296	②	OPT-DGYX1M-6P-S-6A	OPT-DPA6024E
7	OPT-LSNL356	○ ● ●	57.6W@2.4A	356	338			
8	OPT-LSNL398	○ ● ●	64.8W@2.7A	398	380			
9	OPT-LSNL440	○ ● ●	72W@3A	440	422			
10	OPT-LSNL482	○ ● ●	79.2W@3.3A	482	464			
11	OPT-LSNL524	○ ● ●	86.4W@3.6A	524	506			
12	OPT-LSNL566	○ ● ●	93.6W@3.9A	566	548			
13	OPT-LSNL608	○ ● ●	100.8W@4.2A	608	590			
14	OPT-LSNL650	○ ● ●	108W@4.5A	650	632			
15	OPT-LSNL692	○ ● ●	115.2W@4.8A	692	674			
16	OPT-LSNL128	●	16.8W@24V	128	110	①	Provided within light source.	OPT-DPA2024E
17	OPT-LSNL182	●	25.2W@24V	182	164			
18	OPT-LSNL236	●	33.6W@24V	236	218			
19	OPT-LSNL290	●	42W@24V	290	272			
20	OPT-LSNL344	●	50.4W@2.1A	344	326	②	OPT-DGYX1M-6P-S-6A	OPT-DPA6024E
21	OPT-LSNL398	●	57.6W@2.4A	398	380			
22	OPT-LSNL452	●	67.2W@2.8A	452	434			
23	OPT-LSNL506	●	74.4W@3.1A	506	488			
24	OPT-LSNL560	●	84W@3.5A	560	542			
25	OPT-LSNL614	●	91.2W@3.8A	614	596			
26	OPT-LSNL668	●	100.8W@4.2A	668	650			
27	OPT-LSNL722	●	108W@4.5A	722	704			

Notes: 1. * The data above is for reference only.

2. Customizable size: Lengths of white, blue and green lights are increased by multiples of 42mm; length of red lights is increased by multiples of 54mm.

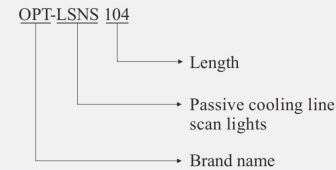
3. Light cables are required. Please refer to P. 256 for more details.

Dimensions (mm)

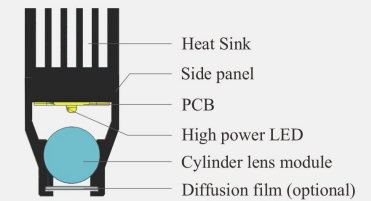


OPT-LSNS Passive Cooling Line Scan Lights

Selection Guide



Section Structure Drawing



Model Table

No.	Model	Color	* Input	Total Length A (mm)	Emitting Length B (mm)	Connector port	Standard light source cable	Recommended controller
1	OPT-LSNS104	○ ● ●	9.6W@24V	104	86	①	Provided within light source.	OPT-DPA2024E
2	OPT-LSNS146	○ ● ●	12W@24V	146	128			
3	OPT-LSNS188	○ ● ●	16.8W@24V	188	170			
4	OPT-LSNS230	○ ● ●	21.6W@24V	230	212			
5	OPT-LSNS272	○ ● ●	24W@24V	272	254			
6	OPT-LSNS314	○ ● ●	31.2W@24V	314	296			
7	OPT-LSNS356	○ ● ●	33.6W@24V	356	338			
8	OPT-LSNS398	○ ● ●	38.4W@24V	398	380			
9	OPT-LSNS440	○ ● ●	43.2W@24V	440	422			
10	OPT-LSNS482	○ ● ●	48W@2A	482	464			
11	OPT-LSNS524	○ ● ●	52.8W@2.2A	524	506	②	OPT-DGYX1M-6P-S-6A	OPT-DPA6024E
12	OPT-LSNS566	○ ● ●	55.2W@2.3A	566	548			
13	OPT-LSNS608	○ ● ●	60W@2.5A	608	590			

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No.	Model	Color	* Input	Total Length A (mm)	Emitting Length B (mm)	Connector port	Standard light source cable	Recommended controller
14	OPT-LSNS650	○ ● ●	64.8W@2.7A	650	632	②	OPT-DGYX1M-6P-S-6A	OPT-DPA6024E
15	OPT-LSNS692	○ ● ●	69.6W@2.9A	692	674			
16	OPT-LSNS128	●	9.6W@24V	128	110	①	Provided within light source.	OPT-DPA2024E
17	OPT-LSNS182	●	12W@24V	182	164			
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19	OPT-LSNS290	●	21.6W@24V	290	272			
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21	OPT-LSNS398	●	31.2W@24V	398	380			
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23	OPT-LSNS506	●	38.4W@24V	506	488			
24	OPT-LSNS560	●	43.2W@24V	560	542			
25	OPT-LSNS614	●	48W@2A	614	596	②	OPT-DGYX1M-6P-S-6A	OPT-DPA6024E
26	OPT-LSNS668	●	52.8W@2.2A	668	650			
27	OPT-LSNS722	●	55.2W@2.3A	722	704			

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