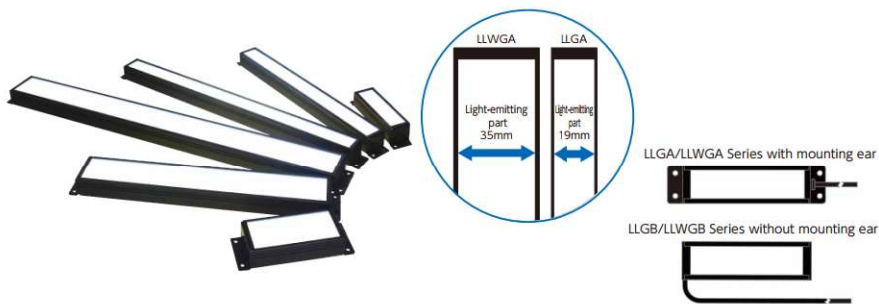


High-brightness Diffused Light Line Illumination (LLG/LLWG Series)

LLG/LLWG Series

Cost-effective with high-brightness diffuse light



Customizable



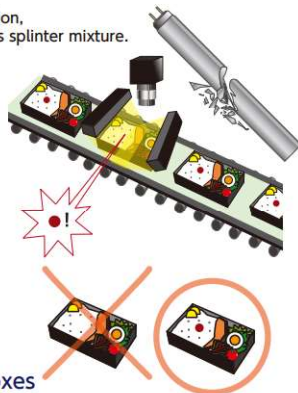
Infrared

P72

Features

- Cost-effective with high brightness
- Less reflection is generated because diffuse, high-illuminance light is irradiated to sample.
- Various applications such as transmission illumination, reflection illumination, and diffuse light illumination
- Best suited for scratch inspection, print inspection, shape inspection, and measurement of dimensions
- Wide range of applications such as electronic parts, printing, food processing, and medical treatment.

As LED illumination, no worry of glass splinter mixture.



Application example

Surface inspection, visual inspection
Print inspection, shape inspection, character recognition, color recognition
Light sources for line camera, area camera, and image processing

Inspection of missing ingredients in lunch boxes

Example of imaging

- Inspection of barcode on spray can



Print contents cannot be read accurately.



Suppresses sample glare by using a standard diffuser plate.

Product Specifications

LLG diffusing line LED

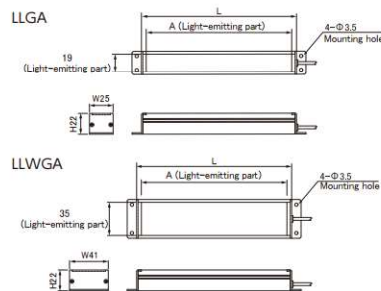
Model	LxWxH (mm)	Light-emitting part A (mm)	Maximum rated current (A)	Power consumption (W)	Input voltage (V)	Example of applicable power supply
LLG□35NW	45x25x22	35	0.05	1.2	24	LPDC1-2430W-R05
LLG□75NW	85x25x22	75	0.1	2.4	24	LPDC1-2430W-R1
LLG□115NW	125x25x22	115	0.15	3.6	24	LPDC1-2430W-R15
LLG□155NW	165x25x22	155	0.2	4.8	24	LPDC1-2430W-R2
LLG□195NW	205x25x22	195	0.25	6	24	LPDC1-2430W-R25
LLG□235NW	245x25x22	235	0.3	7.2	24	LPDC1-2430W-R3
LLG□315NW	325x25x22	315	0.4	9.6	24	LPDC1-2430W-R4
LLG□395NW	405x25x22	395	0.5	12	24	LPDC1-2430W-R5
LLG□475NW	485x25x22	475	0.6	14.4	24	LPDC1-2430W-R6
LLG□555NW	565x25x22	555	0.7	16.8	24	LPDC1-2430W-R7
LLG□635NW	645x25x22	635	0.8	19.2	24	LPDC1-2430W-R8
LLG□715NW	725x25x22	715	0.9	21.6	24	LPDC1-2430W-R9
LLG□795NW	805x25x22	795	1	24	24	LPDC1-2430W-1R
LLG□1195NW	1205x25x22	1195	1.5	36	24	LPDC1-24151W-1R5

LLWG wide diffusion line LED

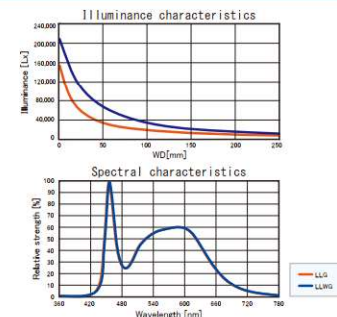
Model	LxWxH (mm)	Light-emitting part A (mm)	Maximum rated current (A)	Power consumption (white) (W)	Input voltage (V)	Example of applicable power supply
LLWG□35NW	45x41x22	35	0.1	2.4	24	LPDC1-2430W-R1
LLWG□75NW	85x41x22	75	0.2	4.8	24	LPDC1-2430W-R2
LLWG□115NW	125x41x22	115	0.3	7.2	24	LPDC1-2430W-R3
LLWG□155NW	165x41x22	155	0.4	9.6	24	LPDC1-2430W-R4
LLWG□195NW	205x41x22	195	0.5	12	24	LPDC1-2430W-R5
LLWG□235NW	245x41x22	235	0.6	14.4	24	LPDC1-2430W-R6
LLWG□315NW	325x41x22	315	0.8	19.2	24	LPDC1-2430W-R8
LLWG□395NW	405x41x22	395	1	24	24	LPDC1-2430W-1R
LLWG□475NW	485x41x22	475	1.2	28.8	24	LPDC1-24151W-1R2
LLWG□555NW	565x41x22	555	1.4	33.6	24	LPDC1-24151W-1R4

- □: A (with mounting ear), B (without mounting ear)
- Available emitter length size: units of 40 mm
- For details about other sizes, contact our sales department.
- In case of usage of the Hikari shop's power, (E-41) will be added as suffix.

Outer dimensions



Data (Typical example: LLG□555NW/LLWG□235NW)



* Product specifications are subject to change without notice.

* Graph information (for reference only) does not guarantee product quality.

Options

Base plate for quadrat oblique line illumination



L-bracket

