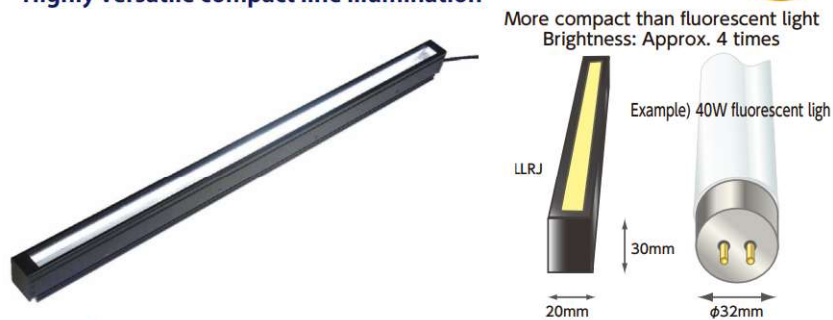


High-brightness Line Illumination «LIRJ Series»

LLRJ Series

Highly versatile compact line illumination



Customizable



Features

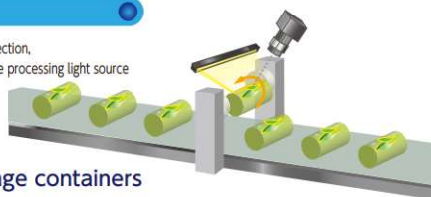
- Highly versatile compact line illumination
- Natural heat dissipation type best suited for clean room installation.
- Slim and compact design suitable for any installation space
- A lot of replacements from fluorescent light sources
- Low-cost LED line illumination

Inspection accuracy
can be improved by
steadying sample movement.



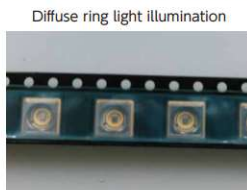
Application example

Steel plate inspection, glass inspection, sheet inspection, metal surface inspection, edge inspection, line sensor light source, visual inspection light source, image processing light source

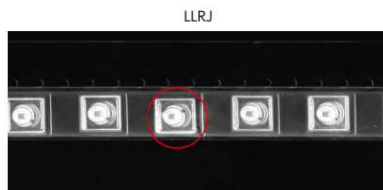


Example of imaging

- Inspection of orientation of taped parts



Markers difficult to recognize due to no directionality in light reflection



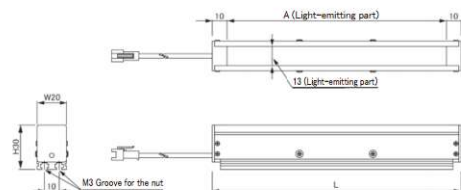
Irradiation in one direction toward the winding direction enables acquisition of uniform images and easy marker recognition.

Product Specifications

Model	LxWxH [mm]	Light-emitting part A [mm]	Power consumption (white) [W]	Input voltage [V]	Example of applicable power supply
LLRJ100N*	120x20x30	100	5	24	LPDC1-2430W-R2
LLRJ200N*	220x20x30	200	10	24	LPDC1-2430W-R4
LLRJ300N*	320x20x30	300	15	24	LPDC1-2430W-R6
LLRJ400N*	420x20x30	400	20	24	LPDC1-2430W-R8
LLRJ500N*	520x20x30	500	24	24	LPDC1-2430W-1R
LLRJ600N*	620x20x30	600	29	24	LPDC1-24151W-1R2
LLRJ700N*	720x20x30	700	34	24	LPDC1-24151W-1R4
LLRJ800N*	820x20x30	800	39	24	LPDC1-24151W-1R6
LLRJ900N*	920x20x30	900	44	24	LPDC1-24151W-1R8
LLRJ1000N*	1020x20x30	1000	48	24	LPDC1-24151W-2R

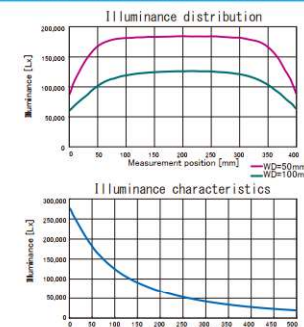
- *in Model : Emission color W (white) R (red) G (green) B (blue) ● Available emitter size : Units of 100 mm
- For details about other sizes, contact our sales department.
- Applicable power supplies for green illumination are different from that above-mentioned.

Outer dimensions



* Product specifications are subject to change without notice

Data (Typical example : LLRJ400NW)



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

Options

Coaxial epi-illumination unit

Irradiation in the same axial direction as the camera lens dissipates diffuse peripheral light for increased contrast



Installation method

Slot-style installation method

Installation slot compatibility with commercially-available M3 hexagon nuts (JIS) provides flexibility in a variety of installations.

