

Ultra-bright linear illumination «LLRGC Series»

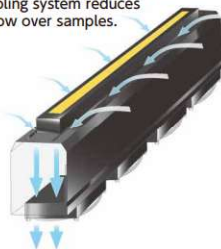
LLRGC Series (Old Model : LLRG)

Industry-leading, fan-cooled type, high-brightness line illumination

Patented



Light-emitting surface illuminance: 2,800,000 Lx
A unique cooling system reduces exhaust airflow over samples.



Fan cooling

Customizable

Light distribution control

Emission color

Infrared

UV

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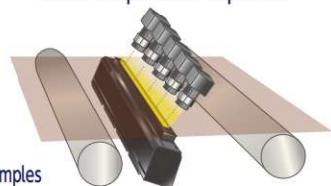
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Features

- Industry-leading, fan-cooled type, high-brightness line illumination
- High brightness perfect for inspection of colored samples
- Line illumination using high-brightness LEDs and independently-developed optical system and radiation structure
- A lot of replacements from metal halide light sources and line light guides
- Unique cooling system reduces exhaust airflow over samples.



Visual inspection of piston



High brightness ideally suited for transmission inspection of colored samples

Example of imaging

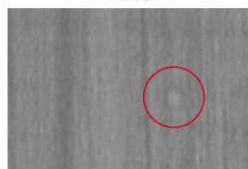
- Transmission inspection of uneven film coatings

Conventional line illumination



Uneven film coating makes detection difficult due to insufficient light intensity.

LLRGC



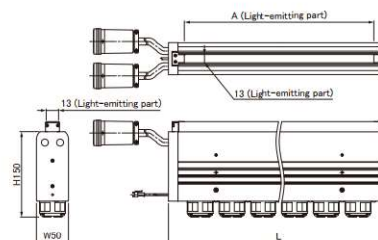
Pinholes can be detected by using high-power illumination.

Product Specifications

Model	LxWxH [mm]	Light-emitting part A [mm]	Power consumption (white) [W]	Input voltage[V]	Example of applicable power supply
LLRGC100F *	150x50x150	100	77	48	LPDCJ1-48301W-R4
LLRGC200F *	250x50x150	200	154	48	LPDCJ1-48301W-R4
LLRGC300F *	350x50x150	300	231	48	LPDCJ1-48301W-R4
LLRGC400F *	450x50x150	400	308	48	LPDCJ1-48601W-R4
LLRGC500F *	550x50x150	500	384	48	LPDCJ1-48601W-R4
LLRGC600F *	650x50x150	600	461	48	LPDCJ1-48601W-R4
LLRGC700F *	750x50x150	700	538	48	LPDCJ1-48102W-R4
LLRGC800F *	850x50x150	800	615	48	LPDCJ1-48102W-R4
LLRGC900F *	950x50x150	900	692	48	LPDCJ1-48102W-R4
LLRGC1000F *	1050x50x150	1000	768	48	LPDCJ1-48102W-R4

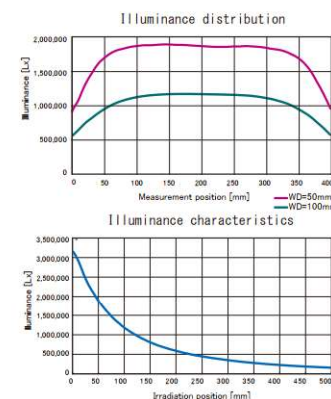
- * in Model : Emission color W (white) R (red) G (green) B (blue)
- Available emitter length size : units of 50 mm
- For details about other sizes, contact our sales department.

Outer dimensions



* Product specifications are subject to change without notice.

Data (Typical example : LLRGC400FW)



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

Example of customization

Supporting road surface inspection with long-distance irradiation

