

RL28 PRODUCT FAMILY TECHNICAL SPECIFICATION



Areas of application

- Linear lighting
- Luminaires

Product benefits

- LG Innotek LEDs
- Homogenous light output even if several LED modules are used in a line
- LED SMD packaging are tested and meets LM-80 requirements
- High color quality meets EU requirements of indoor lighting
- Cutable option increases variety of realisation
- 5-year manufacturer's warranty (L70 >50 000 h)
- Made in Europe

Product features

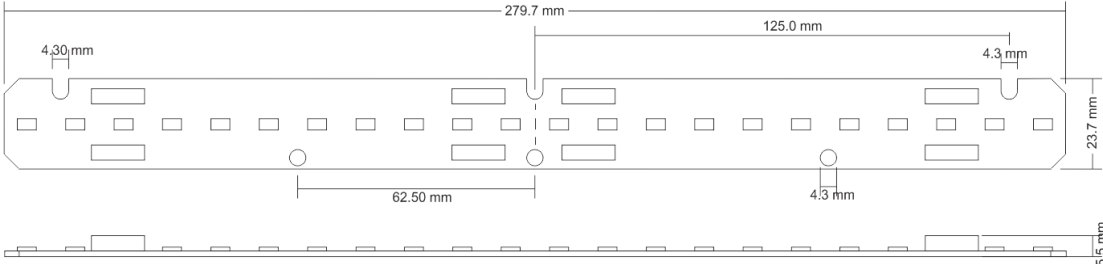
- Zhaga compliant
- Constant current module
- Simple installation
- Efficiency up to 155 lm/W when 350 mA per module
- CRI >80
- Max current 350 mA
- Dimmable

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Electrical data

Item family code	Nominal current	Rated power	Nominal voltage
RL28	350 mA	11.9 W	33.9 V
	300 mA	10 W	33.2 V
	250 mA	8.2 W	32.8 V
	200 mA	6.5 W	32.3 V
	150 mA	4.7 W	31.6 V
	100 mA	3.1 W	30.9 V

Dimensions

Item family code	Diagram
RL28	

¹ led module can be cut every 140 mm

Photometrical data

Item code	CCT	Color	CRI	Current	Light output	Efficiency
RL28X	3000 K	Warm white	>80	350 mA	1800 lm	151 lm/W
				300 mA	1580 lm	158 lm/W
				250 mA	1323 lm	161 lm/W
				200 mA	1102 lm	170 lm/W
				150 mA	823 lm	175 lm/W
				100 mA	588 lm	190 lm/W
RL28H	4000 K	Neutral white		350 mA	1854 lm	155 lm/W
				300 mA	1627 lm	163 lm/W
				250 mA	1362 lm	166 lm/W
				200 mA	1135 lm	175 lm/W
				150 mA	848 lm	180 lm/W
				100 mA	605 lm	195 lm/W

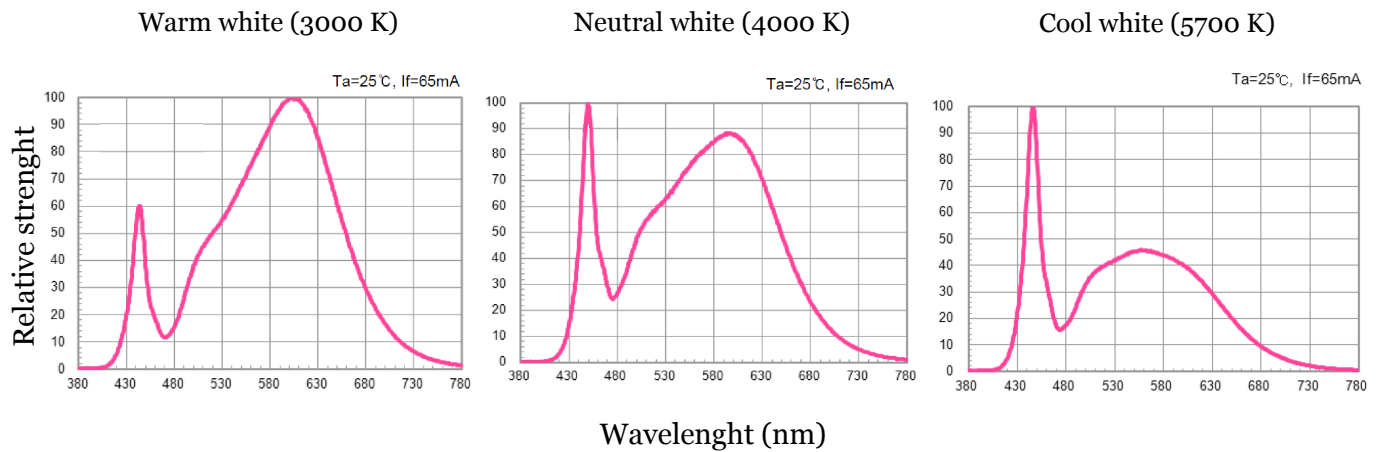
* All information is provided considering 1 module. Real life performance may fluctuate due to tolerances in components used in manufacturing.

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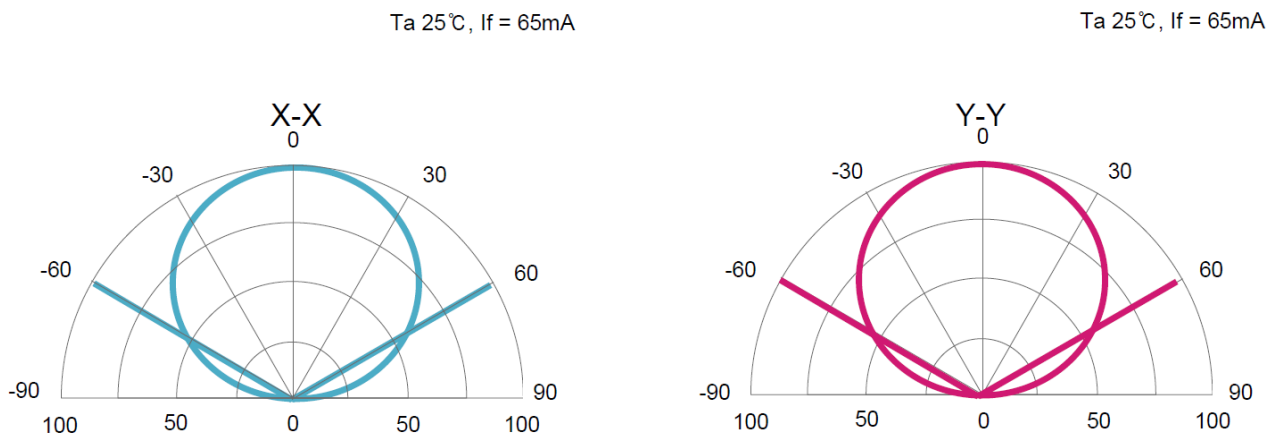
Temperature conditions

Ambient working temperature, t^a	Product working temperature	Storage temperature
-30°C ~ +30°C	Less than 70°C at room temperature 25°C	-40°C ~ +100°C

Light spectrum diagram



Light distribution



* Information here is provided by LED packaging manufacturer.