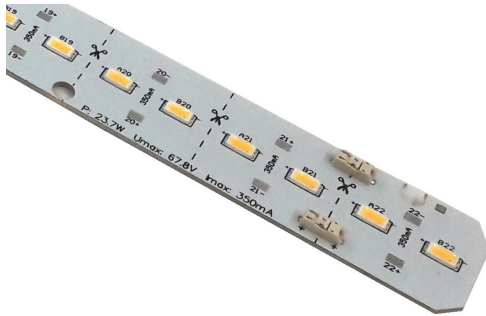


# RL56 PRODUCT FAMILY TECHNICAL SPECIFICATION



## Areas of application

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- Linear lighting
- Luminaires

## Product benefits

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- 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
- Cuttable option increases variety of realisation
- 5-year manufacturer's warranty (L70 >50 000 h)
- Made in Europe

## Product features

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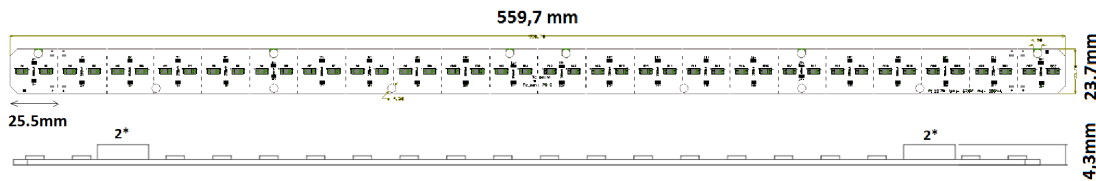
- **Cuttable every 25.5mm.** Cut pieces can be connected with others in series by using same constant current power supply.
- Zhaga compliant
- Constant current module
- Simple installation
- Efficiency up to 155 lm/W when 350 mA per module
- CRI >80
- Max current 350 mA
- Dimmable

# RL56 PRODUCT FAMILY TECHNICAL SPECIFICATION

## Electrical data

Item family code	Nominal current	Rated power	Nominal voltage
RL56	350 mA	23.8 W	67.8 V
	300 mA	20 W	66.4 V
	250 mA	16.4 W	65.6 V
	200 mA	13 W	64.6 V
	150 mA	9.4 W	63.2 V
	100 mA	6.2 W	61.8 V

## Dimensions

Item family code	
RL56	

- 1 Led module can be cut every 25.5 mm
- 2 Optional: wire to board connectors at both ends of LED module for an easy installation

## Photometrical data

Item code	CCT	Color	CRI	Current	Light output	Efficiency
RL56X	3000 K	Warm white	>80	350 mA	3600 lm	151 lm/W
				300 mA	3160 lm	158 lm/W
				250 mA	2646 lm	161 lm/W
				200 mA	2204 lm	170 lm/W
				150 mA	1646 lm	175 lm/W
				100 mA	1176 lm	190 lm/W
RL56H	4000 K	Neutral white	>80	350 mA	3708 lm	155 lm/W
				300 mA	3254 lm	163 lm/W
				250 mA	2724 lm	166 lm/W
				200 mA	2270 lm	175 lm/W
				150 mA	1696 lm	180 lm/W
				100 mA	1210 lm	195 lm/W

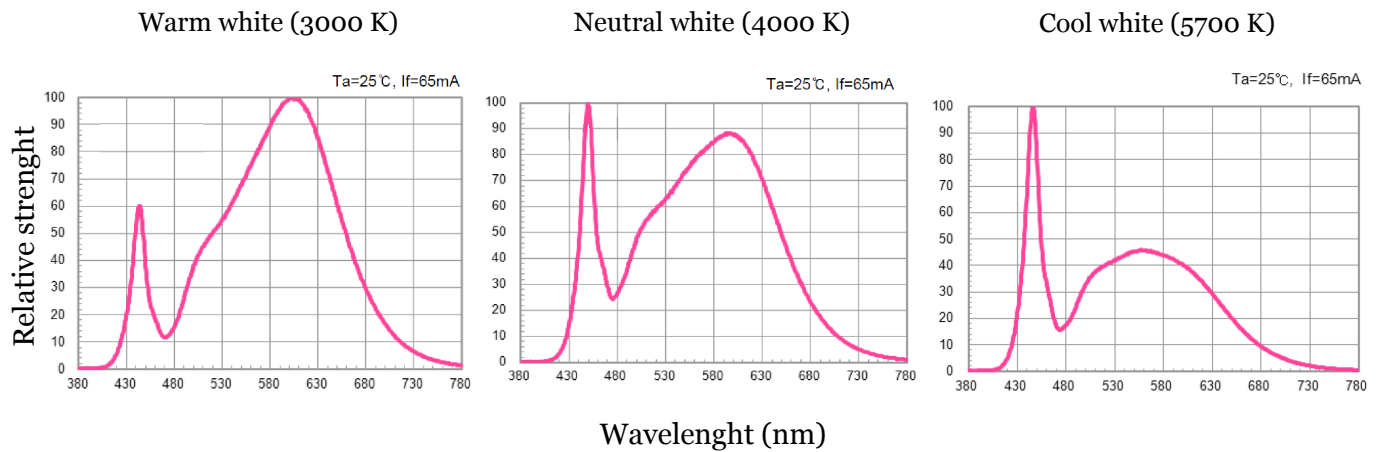
\* All information is provided considering 1 module. Real life performance may fluctuate due to tolerances in components used in manufacturing.

# RL56 PRODUCT FAMILY TECHNICAL SPECIFICATION

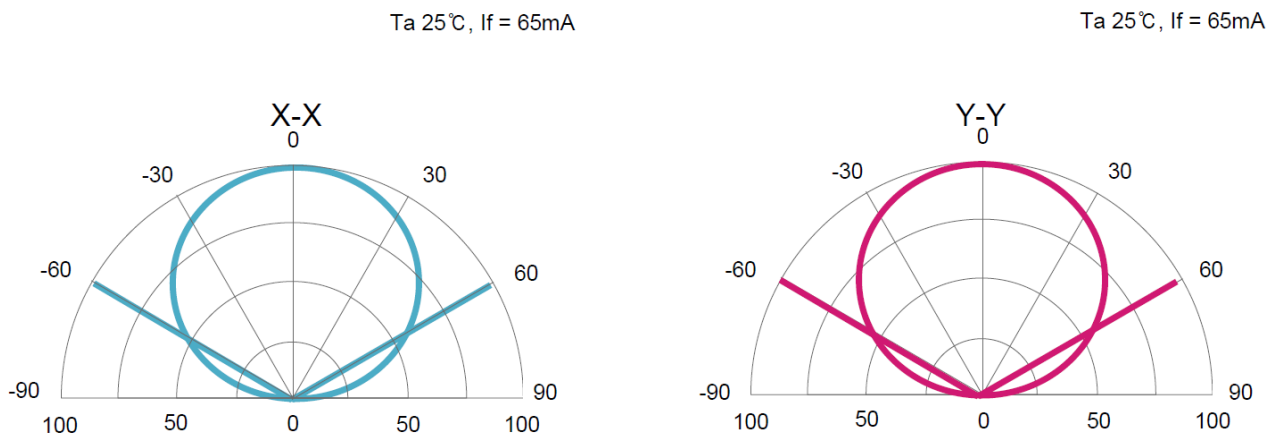
## Temperature conditions

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.