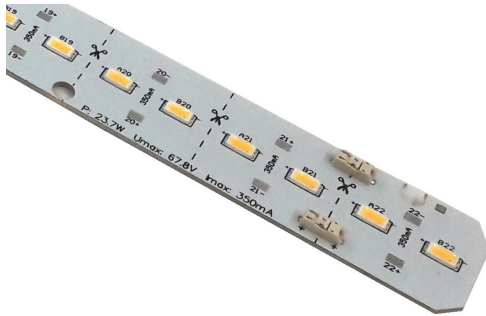


# RL56 PRODUCT FAMILY TECHNICAL SPECIFICATION



## 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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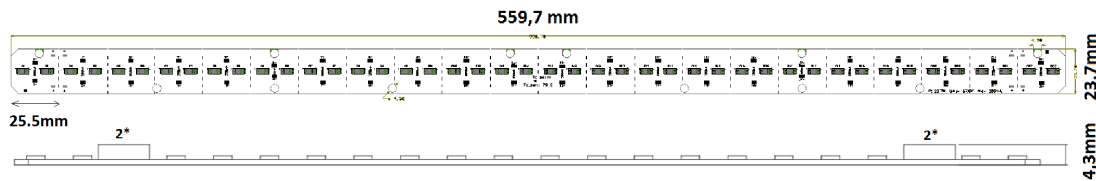
- **Cuttable every 25.5mm.** Cut pieces can be connected with others in series by using same constant current power supply.
- Zhaga compliant
- Dimmable, Constant current module
- Simple installation
- Efficiency up to 155 lm/W when 350 mA per module
- CRI >80
- Max current 350 mA
- **Caution:** Do not connect more than 5 whole modules in series.

# 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 |     | 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   |

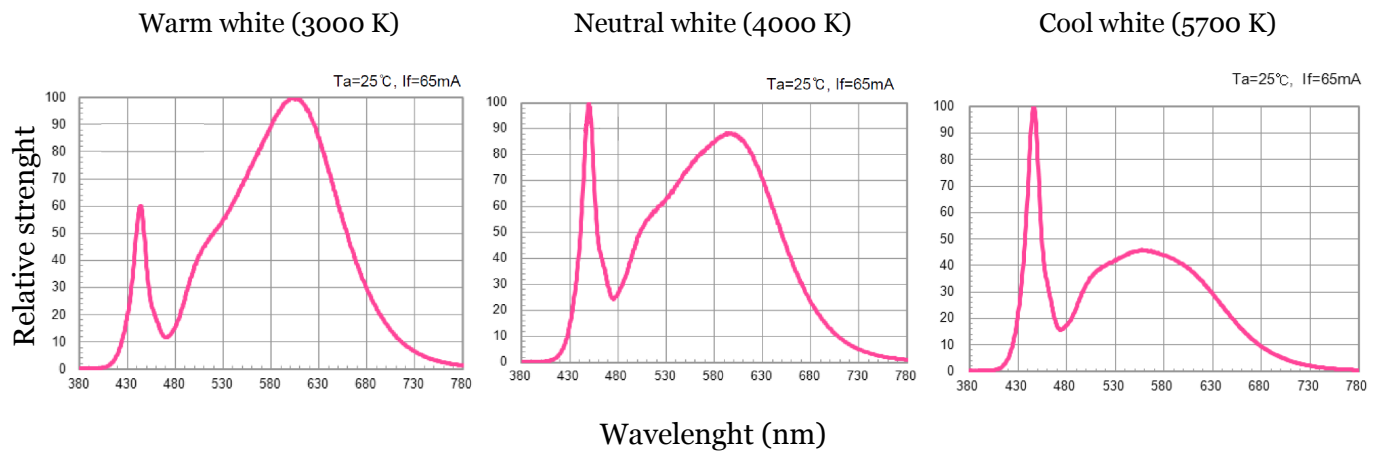
• All information is provided considering 1 module. Real life performance may fluctuate due to tolerances in components used in manufacturing.

# RL56 PRODUCT FAMILY TECHNICAL SPECIFICATION

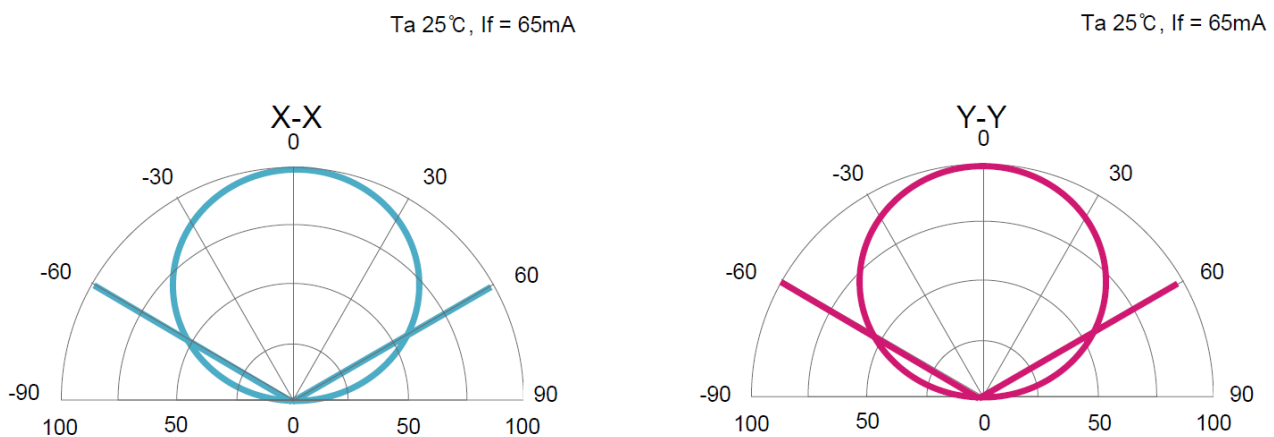
## Temperature conditions

| 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.