

# Outdoor LED module

## CRI>80



- Samsung LEDs.
- Wide range of colors (6500K, 4000K, 3000K, 2700K).
- High color rendering index CRI >80.
- Possibility to have NTC for overtemperature protection.
- Ideal for street lights.
- Compatible with LEDiL STRADELLA-IP-64 optics.
- Perfectly uniform light, even if several LED modules are used together in one line.
- Easy installation.
- Long life time: >50 000 hours.
- 5-year warranty.

### EXTENSIVE USE OF OPTIONS:

Lighting fixtures  
manufacturing



Residential  
use



Commercial  
lighting projects



Outdoor  
lighting



## TECHNICAL DATA



| Model                       | AM-L223W50-C16s4pRE-827                                   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| Dimensions, mm              | 222.4x49.50x1.6   |       |       |       |
| Color                       | 2700K   |       |       |       |
| Power, W                    | 8.6   | 17.8  | 27.4  | 42.7  |
| Typical current, mA         | 200   | 400   | 600   | 900   |
| Typical voltage, V          | 43.0  | 44.4  | 45.6  | 47.5  |
| Luminous flux, Lm           | 1656  | 3237  | 4727  | 6789  |
| Luminous efficacy, Lm/W     | 192.6   | 181.9 | 172.5 | 159.0 |
| Energy label                | C   | C     | D     | D     |
| LED quantity, pcs           | 64  |       |       |       |
| Color rendering index (CRI) | >80   |       |       |       |
| Operating temperature       | -40°C – +85°C   |       |       |       |
| Temperature at Tc point     | +45°C   |       |       |       |
| Light angle                 | 120°  |       |       |       |
| *Max current, mA            | 1200  |       |       |       |
| *Max luminous flux, Lm      | 8649  |       |       |       |
| Connection                  | 2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires |       |       |       |

| Model                       | AM-L223W50-C16s4pRE-830                                   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| Dimensions, mm              | 222.4x49.50x1.6   |       |       |       |
| Color                       | 3000K   |       |       |       |
| Power, W                    | 8.6   | 17.8  | 27.4  | 42.7  |
| Typical current, mA         | 200   | 400   | 600   | 900   |
| Typical voltage, V          | 43.0  | 44.4  | 45.6  | 47.5  |
| Luminous flux, Lm           | 1702  | 3327  | 4858  | 6978  |
| Luminous efficacy, Lm/W     | 197.9   | 186.9 | 177.3 | 163.4 |
| Energy label                | C   | C     | D     | D     |
| LED quantity, pcs           | 64  |       |       |       |
| Color rendering index (CRI) | >80   |       |       |       |
| Operating temperature       | -40°C – +85°C   |       |       |       |
| Temperature at Tc point     | +45°C   |       |       |       |
| Light angle                 | 120°  |       |       |       |
| *Max current, mA            | 1200  |       |       |       |
| *Max luminous flux, Lm      | 8889  |       |       |       |
| Connection                  | 2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires |       |       |       |

\*Temperature can't exceed maximum operating temperature (+85°C)

\*\*Minimum rated module current 40mA



| Model                       | AM-L223W50-C16s4pRE-840                                   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| Dimensions, mm              | 222.4x49.50x1.6   |       |       |       |
| Color                       | 4000K   |       |       |       |
| Power, W                    | 8.6   | 17.8  | 27.4  | 42.7  |
| Typical current, mA         | 200   | 400   | 600   | 900   |
| Typical voltage, V          | 43.0  | 44.4  | 45.6  | 47.5  |
| Luminous flux, Lm           | 1771  | 3462  | 5055  | 7261  |
| Luminous efficacy, Lm/W     | 205.9   | 194.5 | 184.5 | 170.0 |
| Energy label                | C   | C     | C     | D     |
| LED quantity, pcs           | 64  |       |       |       |
| Color rendering index (CRI) | >80   |       |       |       |
| Operating temperature       | -40°C – +85°C   |       |       |       |
| Temperature at Tc point     | +45°C   |       |       |       |
| Light angle                 | 120°  |       |       |       |
| *Max current, mA            | 1200  |       |       |       |
| *Max luminous flux, Lm      | 9249  |       |       |       |
| Connection                  | 2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires |       |       |       |

| Model                       | AM-L223W50-C16s4pRE-865                                   |       |       |       |
|-----------------------------|---|-------|-------|-------|
| Dimensions, mm              | 222.4x49.50x1.6   |       |       |       |
| Color                       | 6500K   |       |       |       |
| Power, W                    | 8.6   | 17.8  | 27.4  | 42.7  |
| Typical current, mA         | 200   | 400   | 600   | 900   |
| Typical voltage, V          | 43.0  | 44.4  | 45.6  | 47.5  |
| Luminous flux, Lm           | 1771  | 3462  | 5055  | 7261  |
| Luminous efficacy, Lm/W     | 205.9   | 194.5 | 184.5 | 170.0 |
| Energy label                | C   | C     | C     | D     |
| LED quantity, pcs           | 64  |       |       |       |
| Color rendering index (CRI) | >80   |       |       |       |
| Operating temperature       | -40°C – +85°C   |       |       |       |
| Temperature at Tc point     | +45°C   |       |       |       |
| Light angle                 | 120°  |       |       |       |
| *Max current, mA            | 1200  |       |       |       |
| *Max luminous flux, Lm      | 9249  |       |       |       |
| Connection                  | 2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires |       |       |       |

\*Temperature can't exceed maximum operating temperature (+85°C)

\*\*Minimum rated module current 40mA

## TECHNICAL DRAWING (mm)

