

# Outdoor LED module

## CRI>90



- Samsung LEDs.
- Wide range of colors (6500K, 4000K, 3000K, 2700K).
- High color rendering index CRI >90.
- 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-C16s4pRF-927			
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	1433	2802	4091	5877
Luminous efficacy, Lm/W	166.6	157.4	149.3	137.6
Energy label	D	D	D	E
LED quantity, pcs	64			
Color rendering index (CRI)	>90			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	1200			
*Max luminous flux, Lm	7487			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

Model	AM-L223W50-C16s4pRF-930			
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	1474	2882	4207	6043
Luminous efficacy, Lm/W	171.4	161.9	153.5	141.5
Energy label	D	D	D	E
LED quantity, pcs	64			
Color rendering index (CRI)	>90			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	1200			
*Max luminous flux, Lm	7698			
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-C16s4pRF-940			
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	1535	3002	4382	6294
Luminous efficacy, Lm/W	178.5	168.7	159.3	147.4
Energy label	C	D	D	D
LED quantity, pcs	64			
Color rendering index (CRI)	>90			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	1200			
*Max luminous flux, Lm	8019			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

Model	AM-L223W50-C16s4pRF-965			
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	1535	3002	4382	6294
Luminous efficacy, Lm/W	178.5	168.7	159.3	147.4
Energy label	C	D	D	D
LED quantity, pcs	64			
Color rendering index (CRI)	>90			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	1200			
*Max luminous flux, Lm	8019			
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)

