

## 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-8-5050 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-L122W50-C8s2pFE-827			
Dimensions, mm	121.4x49.50x1.6			
Color	2700K			
Power, W	22.2	31.8	46.9	73.7
Typical current, mA	500	700	1000	1500
Typical voltage, V	44.3	45.4	46.9	49.1
Luminous flux, Lm	3761	5173	7197	10341
Luminous efficacy, Lm/W	169.4	162.7	153.5	140.3
Energy label	D	D	D	E
LED quantity, pcs	16			
Color rendering index (CRI)	>80			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	13236			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

Model	AM-L122W50-C8s2pFE-830			
Dimensions, mm	121.4x49.50x1.6			
Color	3000K			
Power, W	22.2	31.8	46.9	73.7
Typical current, mA	500	700	1000	1500
Typical voltage, V	44.3	45.4	46.9	49.1
Luminous flux, Lm	3952	5436	7563	10867
Luminous efficacy, Lm/W	178.0	170.9	161.3	147.4
Energy label	C	D	D	D
LED quantity, pcs	16			
Color rendering index (CRI)	>80			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	13910			
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 140mA





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### TECHNICAL DATA



Model	AM-L173W50-C12s2pFE-830			
Dimensions, mm	172.2x49.50x1.6			
Color	3000K			
Power, W	33.2	47.7	70.4	110.5
Typical current, mA	500	700	1000	1500
Typical voltage, V	66.5	68.2	70.4	73.7
Luminous flux, Lm	5928	8154	11345	16301
Luminous efficacy, Lm/W	178.6	170.9	161.2	147.5
Energy label	C	D	D	D
LED quantity, pcs	24			
Color rendering index (CRI)	>80			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	20865			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

Model	AM-L173W50-C12s2pFE-830			
Dimensions, mm	172.2x49.50x1.6			
Color	3000K			
Power, W	33.2	47.7	70.4	110.5
Typical current, mA	500	700	1000	1500
Typical voltage, V	66.5	68.2	70.4	73.7
Luminous flux, Lm	5928	8154	11345	16301
Luminous efficacy, Lm/W	178.6	170.9	161.2	147.5
Energy label	C	D	D	D
LED quantity, pcs	24			
Color rendering index (CRI)	>80			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	20865			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

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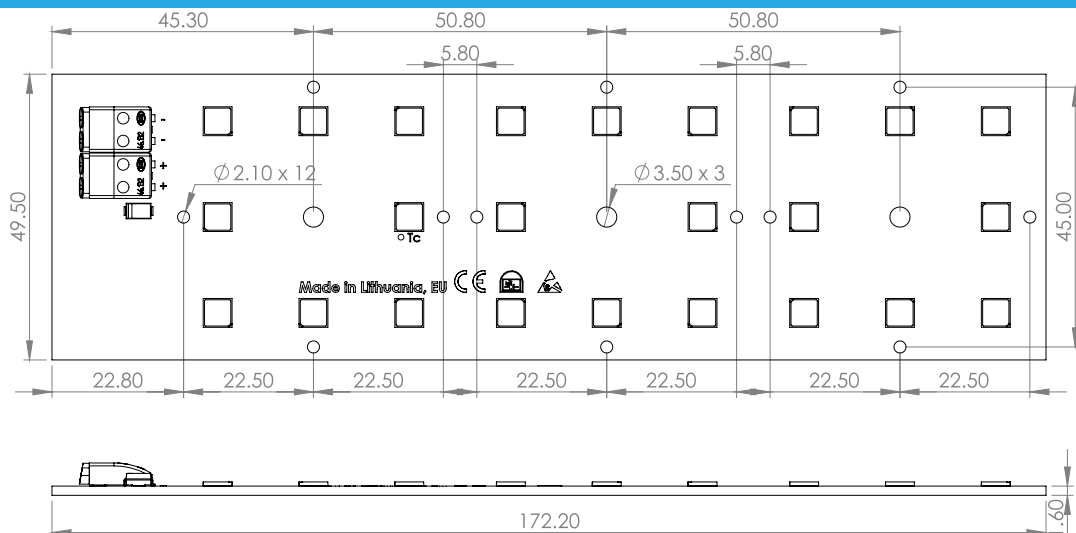
Model	AM-L173W50-C12s2pFE-840			
Dimensions, mm	172.2x49.50x1.6			
Color	4000K			
Power, W	33.2	47.7	70.4	110.5
Typical current, mA	500	700	1000	1500
Typical voltage, V	66.5	68.2	70.4	73.7
Luminous flux, Lm	6311	8680	12077	17352
Luminous efficacy, Lm/W	190.1	182.0	171.5	157.0
Energy label	C	C	D	D
LED quantity, pcs	24			
Color rendering index (CRI)	>80			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	22212			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

Model	AM-L173W50-C12s2pFE-865			
Dimensions, mm	172.2x49.50x1.6			
Color	6500K			
Power, W	33.2	47.7	70.4	110.5
Typical current, mA	500	700	1000	1500
Typical voltage, V	66.5	68.2	70.4	73.7
Luminous flux, Lm	6215	8549	11894	17089
Luminous efficacy, Lm/W	187.2	179.2	168.9	154.7
Energy label	C	C	D	D
LED quantity, pcs	24			
Color rendering index (CRI)	>80			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	21875			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

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### TECHNICAL DRAWING (mm)



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### TECHNICAL DATA



Model	AM-L223W50-C16s2pFE-827			
Dimensions, mm	223x49.50x1.6			
Color	2700K			
Power, W	44.3	63.6	93.8	98.2
Typical current, mA	500	700	1000	1500
Typical voltage, V	88.6	90.9	93.8	147.4
Luminous flux, Lm	7522	10346	14394	20682
Luminous efficacy, Lm/W	169.8	162.7	153.5	140.3
Energy label	D	D	D	E
LED quantity, pcs	32			
Color rendering index (CRI)	>80			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	26473			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

Model	AM-L223W50-C16s2pFE-830			
Dimensions, mm	223x49.50x1.6			
Color	3000K			
Power, W	44.3	63.6	93.8	98.2
Typical current, mA	500	700	1000	1500
Typical voltage, V	88.6	90.9	93.8	147.4
Luminous flux, Lm	7904	10873	15126	21734
Luminous efficacy, Lm/W	178.4	171.0	161.3	147.4
Energy label	C	D	D	D
LED quantity, pcs	32			
Color rendering index (CRI)	>80			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	27820			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

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\*\*Minimum rated module current 140mA



Model	AM-L223W50-C16s2pFE-840			
Dimensions, mm	223x49.50x1.6			
Color	4000K			
Power, W	44.3	63.6	93.8	98.2
Typical current, mA	500	700	1000	1500
Typical voltage, V	88.6	90.9	93.8	147.4
Luminous flux, Lm	8414	11574	16102	23137
Luminous efficacy, Lm/W	189.9	182.0	171.7	157.0
Energy label	C	C	D	D
LED quantity, pcs	32			
Color rendering index (CRI)	>80			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	29615			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

Model	AM-L223W50-C16s2pFE-865			
Dimensions, mm	223x49.50x1.6			
Color	6500K			
Power, W	44.3	63.6	93.8	98.2
Typical current, mA	500	700	1000	1500
Typical voltage, V	88.6	90.9	93.8	147.4
Luminous flux, Lm	8287	11399	15858	22786
Luminous efficacy, Lm/W	187.1	179.2	169.1	154.6
Energy label	C	C	D	D
LED quantity, pcs	32			
Color rendering index (CRI)	>80			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	29166			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

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## TECHNICAL DRAWING (mm)

