

## Outdoor LED module CRI>70



- Samsung LEDs.
- Wide range of colors (6500K, 4000K, 3000K, 2700K).
- High color rendering index CRI >70.
- 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-C8s2pFD-727			
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	4335	5962	8295	11919
Luminous efficacy, Lm/W	195.3	187.5	176.9	161.7
Energy label	C	C	C	D
LED quantity, pcs	16			
Color rendering index (CRI)	>70			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	15257			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

Model	AM-L122W50-C8s2pFD-730			
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	4398	6050	8417	12094
Luminous efficacy, Lm/W	198.1	190.3	179.5	164.1
Energy label	C	C	C	D
LED quantity, pcs	16			
Color rendering index (CRI)	>70			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	15481			
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



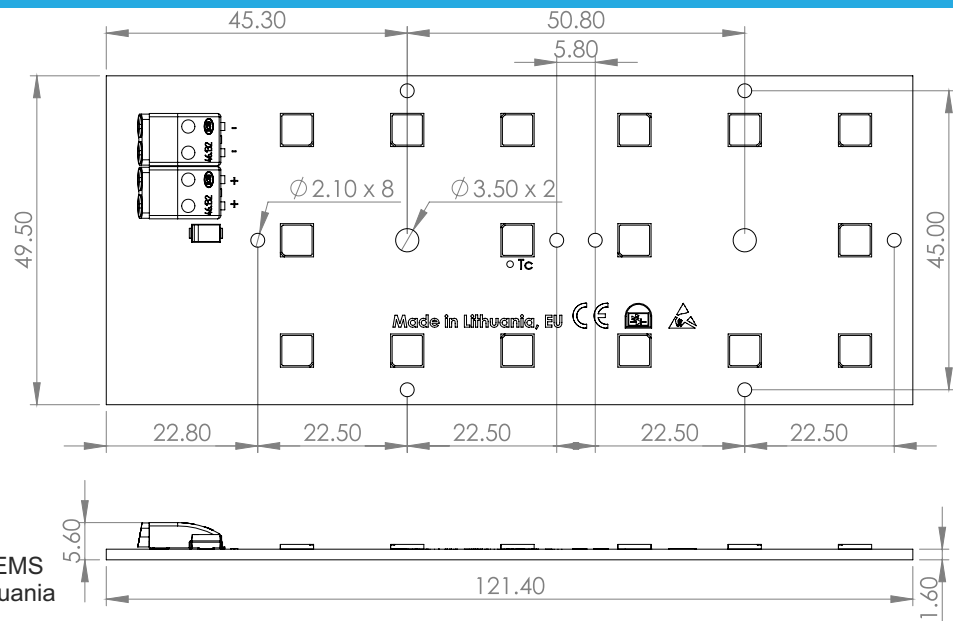
Model	AM-L122W50-C8s2pFD-740			
Dimensions, mm	121.4x49.50x1.6			
Color	4000K			
Power, W	22.2	31.8	46.9	73.7
Typical current, mA	500	700	1000	1500
Typical voltage, V	44.3	45.4	46.9	49.1
Luminous flux, Lm	4653	6401	8905	12795
Luminous efficacy, Lm/W	209.6	201.3	189.9	173.6
Energy label	B	B	C	C
LED quantity, pcs	16			
Color rendering index (CRI)	>70			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	16377			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

Model	AM-L122W50-C8s2pFD-765			
Dimensions, mm	121.4x49.50x1.6			
Color	6500K			
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	4462	6138	8539	12270
Luminous efficacy, Lm/W	201.0	193.0	182.1	166.5
Energy label	B	C	C	D
LED quantity, pcs	16			
Color rendering index (CRI)	>70			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	15705			
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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### EXTENSIVE USE OF OPTIONS:

Lighting fixtures  
manufacturing



Residential  
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Commercial  
lighting projects



Outdoor  
lighting



### TECHNICAL DATA



Model	AM-L173W50-C12s2pFD-727			
Dimensions, mm	172.2x49.50x1.6			
Color	2700K			
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	6502	8944	12443	17878
Luminous efficacy, Lm/W	195.8	187.5	176.7	161.8
Energy label	C	C	C	D
LED quantity, pcs	24			
Color rendering index (CRI)	>70			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	22885			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

Model	AM-L173W50-C12s2pFD-730			
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	6597	9075	12626	18141
Luminous efficacy, Lm/W	195.8	190.3	179.3	164.2
Energy label	C	C	C	D
LED quantity, pcs	24			
Color rendering index (CRI)	>70			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	23222			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

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### TECHNICAL DATA



Model	AM-L223W50-C16s2pFD-727			
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	8669	11925	16590	23838
Luminous efficacy, Lm/W	195.7	187.5	176.9	161.7
Energy label	C	C	C	D
LED quantity, pcs	32			
Color rendering index (CRI)	>70			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	30513			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

Model	AM-L223W50-C16s2pFD-730			
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	8797	12100	16834	24189
Luminous efficacy, Lm/W	198.6	190.3	179.5	164.1
Energy label	C	C	C	D
LED quantity, pcs	32			
Color rendering index (CRI)	>70			
Operating temperature	-40°C – +85°C			
Temperature at Tc point	+45°C			
Light angle	120°			
*Max current, mA	2000			
*Max luminous flux, Lm	30962			
Connection	2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires			

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