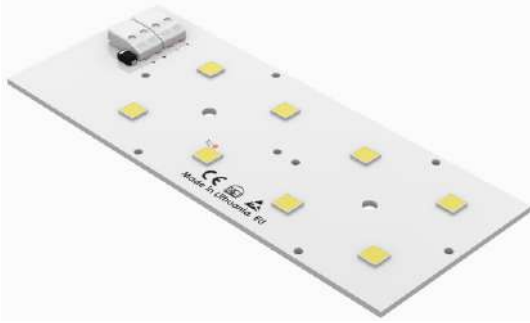


Outdoor LED module CRI>80



- 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 STRADA-2x2-5050 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-C4s2pFE-827			
Dimensions, mm	121.4x49.50x1.6			
Color	2700K			
Power, W	11.1	15.9	23.5	36.8
Typical current, mA	500	700	1000	1500
Typical voltage, V	22.2	22.7	23.5	24.6
Luminous flux, Lm	1880	2587	3599	5157
Luminous efficacy, Lm/W	169.4	162.7	153.1	140.1
Energy label	D	D	D	E
LED quantity, pcs	8			
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	6618			
Connection	2 x 2 pole connector. For 0.20-0.75 mm ² wires			

Model	AM-L122W50-C4s2pFE-830			
Dimensions, mm	121.4x49.50x1.6			
Color	3000K			
Power, W	11.1	15.9	23.5	36.8
Typical current, mA	500	700	1000	1500
Typical voltage, V	22.2	22.7	23.5	24.6
Luminous flux, Lm	1976	2718	3782	5434
Luminous efficacy, Lm/W	178.0	170.9	160.9	147.7
Energy label	C	D	D	D
LED quantity, pcs	8			
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	6955			
Connection	2 x 2 pole connector. For 0.20-0.75 mm ² wires			

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

**Minimum rated module current 140mA



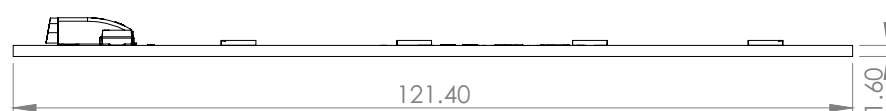
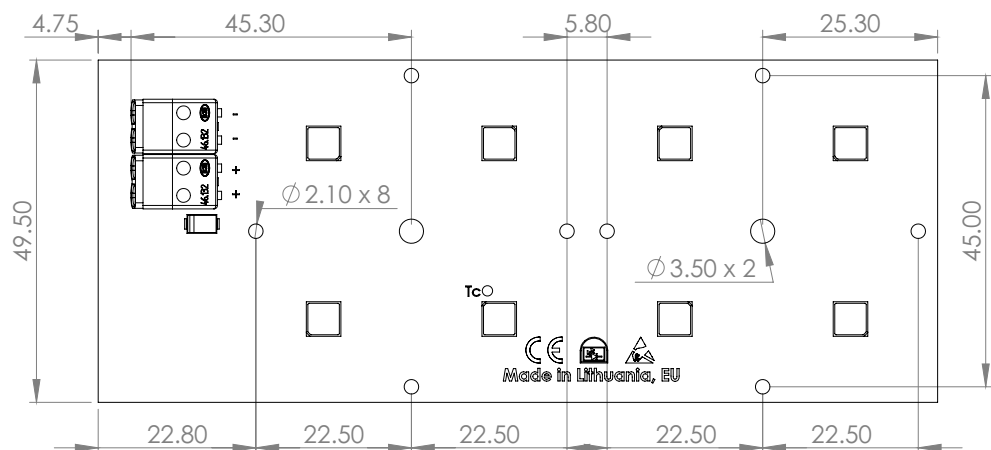
Model	AM-L122W50-C4s2pFE-840			
Dimensions, mm	121.4x49.50x1.6			
Color	4000K			
Power, W	11.1	15.9	23.5	36.8
Typical current, mA	500	700	1000	1500
Typical voltage, V	22.2	22.7	23.5	24.6
Luminous flux, Lm	2104	2893	4026	5784
Luminous efficacy, Lm/W	189.5	181.9	171.3	157.2
Energy label	C	C	D	D
LED quantity, pcs	8			
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	7404			
Connection	2 x 2 pole connector. For 0.20-0.75 mm ² wires			

Model	AM-L122W50-C4s2pFE-865			
Dimensions, mm	121.4x49.50x1.6			
Color	6500K			
Power, W	11.1	15.9	23.5	36.8
Typical current, mA	500	700	1000	1500
Typical voltage, V	22.2	22.7	23.5	24.6
Luminous flux, Lm	2072	2850	3965	5696
Luminous efficacy, Lm/W	186.7	179.2	168.7	154.8
Energy label	C	C	D	D
LED quantity, pcs	8			
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	7292			
Connection	2 x 2 pole connector. For 0.20-0.75 mm ² wires			

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

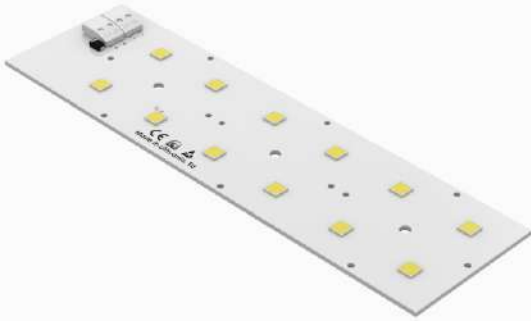
**Minimum rated module current 140mA

TECHNICAL DRAWING (mm)



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 STRADA-2x2-5050 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-L173W50-C6s2pFE-827			
Dimensions, mm	172.2x49.50x1.6			
Color	2700K			
Power, W	16.6	23.9	35.2	55.3
Typical current, mA	500	700	1000	1500
Typical voltage, V	33.2	34.1	35.2	36.8
Luminous flux, Lm	2821	3880	5398	7756
Luminous efficacy, Lm/W	169.9	162.3	153.4	140.3
Energy label	C	D	D	E
LED quantity, pcs	12			
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	9927			
Connection	2 x 2 pole connector. For 0.20-0.75 mm ² wires			

Model	AM-L173W50-C6s2pFE-830			
Dimensions, mm	172.2x49.50x1.6			
Color	3000K			
Power, W	16.6	23.9	35.2	55.3
Typical current, mA	500	700	1000	1500
Typical voltage, V	33.2	34.1	35.2	36.8
Luminous flux, Lm	2964	4077	5672	8150
Luminous efficacy, Lm/W	178.6	170.6	161.1	147.4
Energy label	C	D	D	E
LED quantity, pcs	12			
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	10432			
Connection	2 x 2 pole connector. For 0.20-0.75 mm ² wires			

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

**Minimum rated module current 140mA



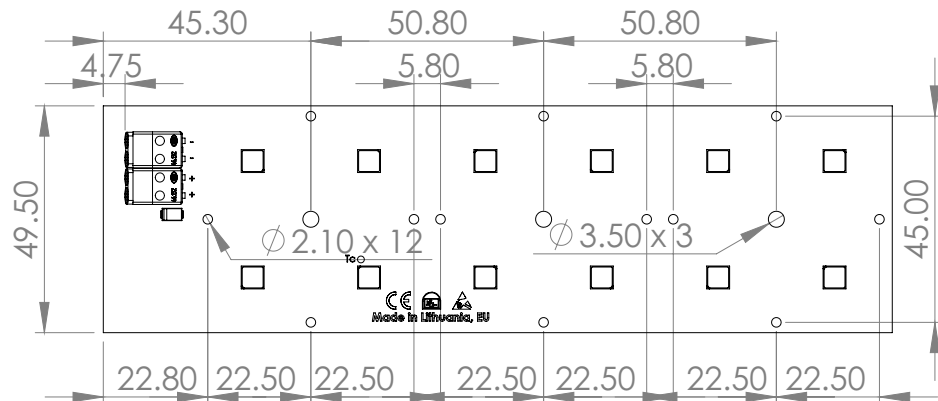
Model	AM-L173W50-C6s2pFE-840			
Dimensions, mm	172.2x49.50x1.6			
Color	4000K			
Power, W	16.6	23.9	35.2	55.3
Typical current, mA	500	700	1000	1500
Typical voltage, V	33.2	34.1	35.2	36.8
Luminous flux, Lm	3155	4340	6038	8676
Luminous efficacy, Lm/W	190.1	181.6	171.5	156.9
Energy label	C	C	D	D
LED quantity, pcs	12			
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	11106			
Connection	2 x 2 pole connector. For 0.20-0.75 mm ² wires			

Model	AM-L173W50-C6s2pFE-865			
Dimensions, mm	172.2x49.50x1.6			
Color	6500K			
Power, W	16.6	23.9	35.2	55.3
Typical current, mA	500	700	1000	1500
Typical voltage, V	33.2	34.1	35.2	36.8
Luminous flux, Lm	3107	4274	5947	8545
Luminous efficacy, Lm/W	187.2	178.8	168.9	154.5
Energy label	C	C	D	D
LED quantity, pcs	12			
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	10937			
Connection	2 x 2 pole connector. For 0.20-0.75 mm ² wires			

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

**Minimum rated module current 140mA

TECHNICAL DRAWING (mm)



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 STRADA-2x2-5050 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-L223W50-C8s2pFE-827			
Dimensions, mm	223x50x1.6			
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	13263			
Connection	2 x 2 pole connector. For 0.20-0.75 mm ² wires			

Model	AM-L223W50-C8s2pFE-830			
Dimensions, mm	223x50x1.6			
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 ² wires			

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

**Minimum rated module current 140mA



Model	AM-L223W50-C8s2pFE-840			
Dimensions, mm	223x50x1.6			
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	4207	5787	8051	11568
Luminous efficacy, Lm/W	189.5	182.0	171.7	157.0
Energy label	C	C	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	14808			
Connection	2 x 2 pole connector. For 0.20-0.75 mm ² wires			

Model	AM-L223W50-C8s2pFE-865			
Dimensions, mm	223x50x1.6			
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	4143	5699	7929	11393
Luminous efficacy, Lm/W	186.6	179.2	169.1	154.6
Energy label	C	C	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	14583			
Connection	2 x 2 pole connector. For 0.20-0.75 mm ² wires			

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

**Minimum rated module current 140mA

TECHNICAL DRAWING (mm)

