

VALUE series (CRI80) Linear LED modules



- Samsung LEDs.
- Various length options (70 mm, 140 mm, 280 mm, 560 mm, 1120 mm).
- Compact 17 mm width.
- Low color temperature tolerances (MacAdam 3).
- Wide range of colors (5000K, 4000K, 3000K).
- High color rendering index CRI >80.
- Ideal for linear and panel lights.
- Perfectly uniform light, even if several LED modules are used together in one line.
- Complies with Zhaga standard.
- Easy installation.
- Long life time: >50 000 hours.
- 5-year warranty.



EXTENSIVE USE OF OPTIONS

Lighting fixtures
manufacturing



Commercial lighting
projects



Residential
use



VALUE SERIES LINEAR LED MODULE SPECIFICATIONS ARE PROVIDED BELOW (ON PAGES 2-6).

FOR OUR CLIENTS CONVIENCE WE ALSO PRODUCE AND DESIGN CUSTOM MADE LED MODULES, CHOOSE YOUR OWN:

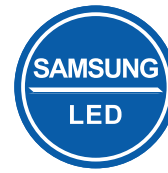
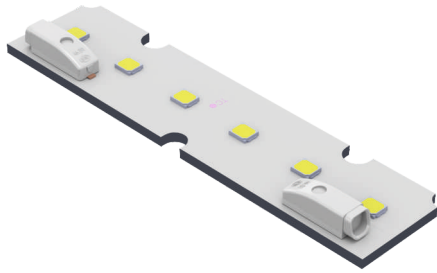
- Color;
- Power;
- Voltage;
- Design and dimensions;
- Components;
- Etc.

FOR MORE INFORMATION, PLEASE CONTACT US.



VALUE series (CRI>80)

Linear LED module (70 mm length)

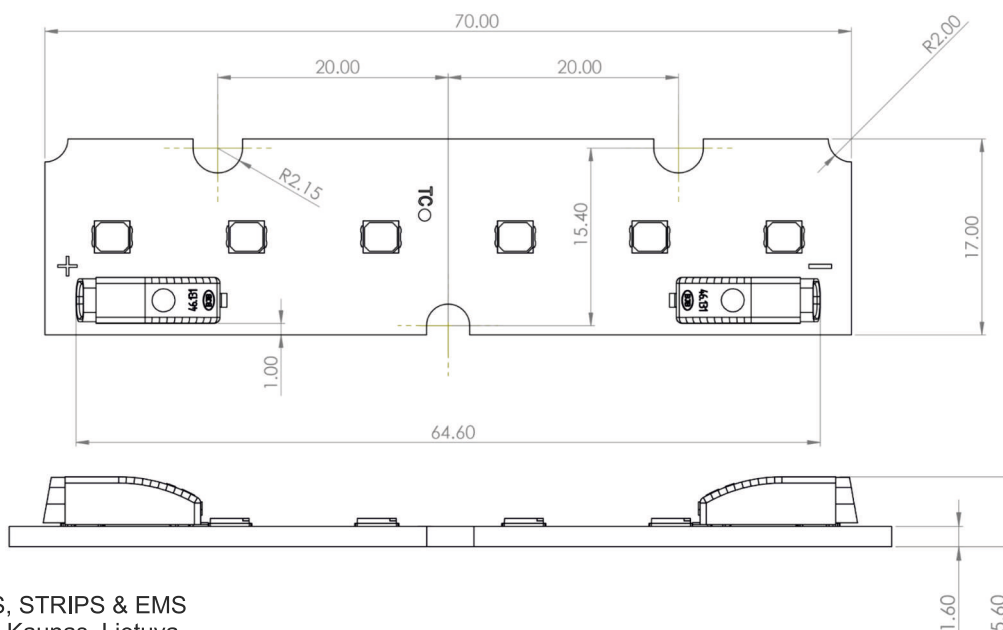


TECHNICAL DATA



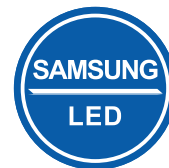
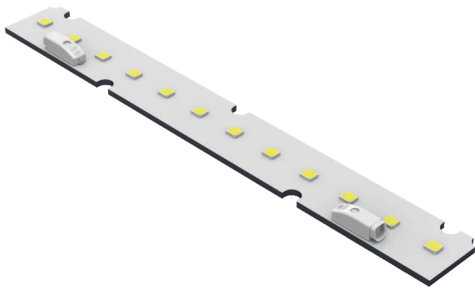
Model	AM-L70W17-6p1sRA-XW											
Dimensions, mm	70x17x5.6											
Current, mA	300			500			700			1050		
Typical voltage, V	~2.73			~2.80			~2.86			~2.96		
Power, W	0.8			1.4			2.0			3.1		
LED quantity, pcs	6											
Color	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)
Color temperature	5000K	4000K	3000K	5000K	4000K	3000K	5000K	4000K	3000K	5000K	4000K	3000K
Luminous flux, Lm	158	156	149	259	255	244	358	353	338	517	511	488
Luminous efficacy, Lm/W	193.5	191.0	182.4	185.5	183.2	175.0	178.1	175.8	168.0	166.3	164.2	156.8
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	582	575	549	582	575	549	582	575	549	582	575	549
Connection	2 x 1 pole connector. For 0.2-0.75mm ² wires											

TECHNICAL DRAWING (mm)



VALUE series (CRI>80)

Linear LED module (140 mm length)

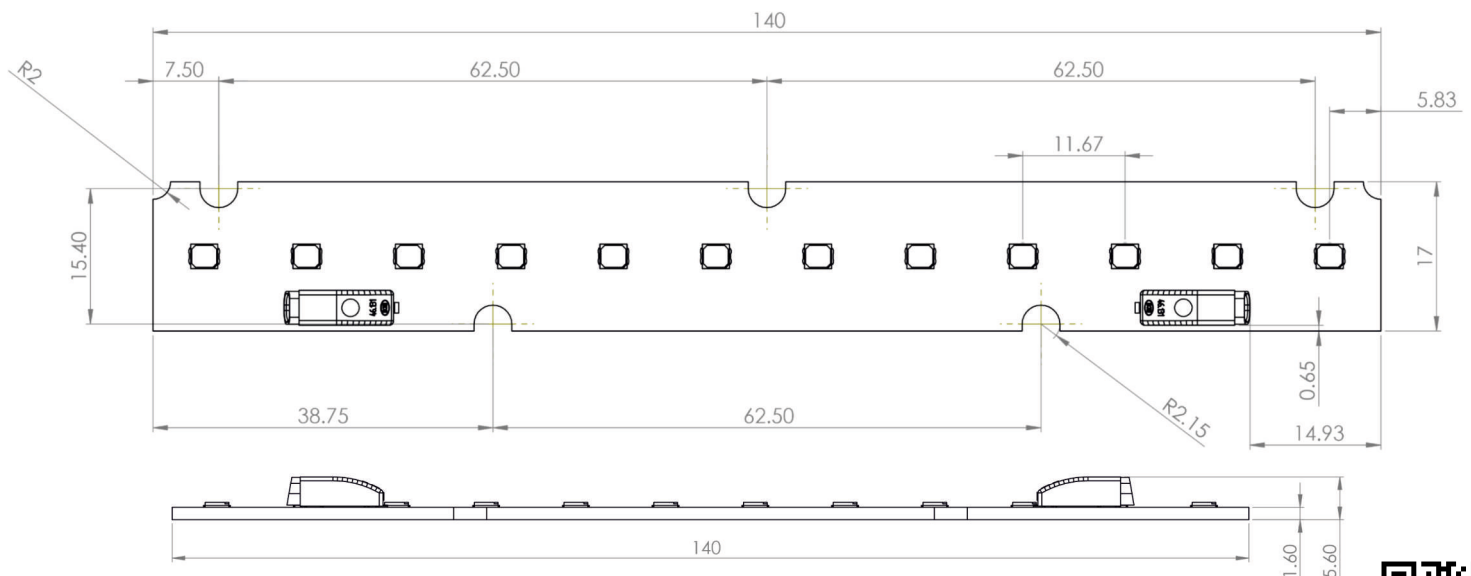


TECHNICAL DATA



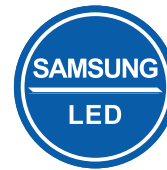
Model	AM-L140W17-6p2sRA-XW											
Dimensions, mm	140x17x5.6											
Current, mA	300			500			700			1050		
Typical voltage, V	~5.46			~5.60			~5.72			~5.92		
Power, W	1.6			2.8			4.0			6.2		
LED quantity, pcs	12											
Color	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)
Color temperature	5000K	4000K	3000K	5000K	4000K	3000K	5000K	4000K	3000K	5000K	4000K	3000K
Luminous flux, Lm	316	312	298	517	511	488	716	707	675	1035	1022	976
Luminous efficacy, Lm/W	193.5	191.0	182.4	185.5	183.2	175.0	178.1	175.8	168.0	166.3	164.2	156.8
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	1164	1149	1098	1164	1149	1098	1164	1149	1098	1164	1149	1098
Connection	2 x 1 pole connector. For 0.2-0.75mm ² wires											

TECHNICAL DRAWING (mm)



VALUE series (CRI>80)

Linear LED module (280 mm length)

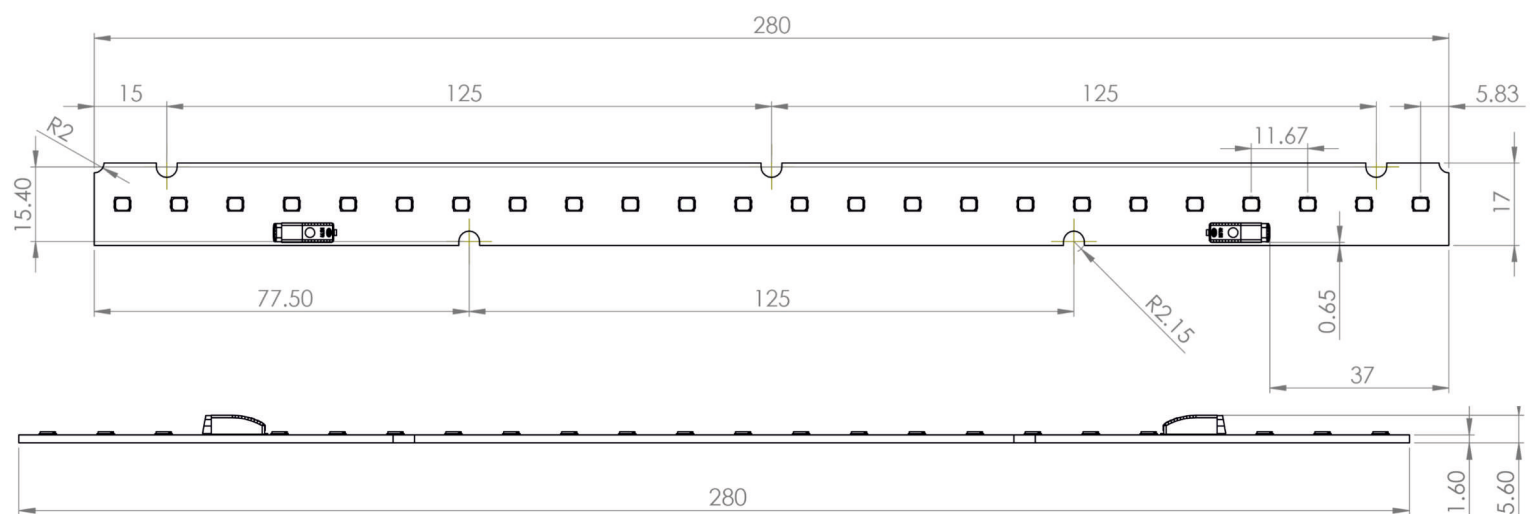


TECHNICAL DATA



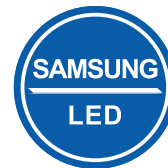
Model	AM-L280W17-6p4sRA-XW											
Dimensions, mm	280x17x5.6											
Current, mA	300			500			700			1050		
Typical voltage, V	~10.92			~11.20			~11.44			~11.84		
Power, W	3.3			5.6			8.0			12.4		
LED quantity, pcs	24											
Color	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)
Color temperature	5000K	4000K	3000K	5000K	4000K	3000K	5000K	4000K	3000K	5000K	4000K	3000K
Luminous flux, Lm	633	625	597	1035	1022	976	1432	1414	1350	2069	2043	1951
Luminous efficacy, Lm/W	193.5	191.0	182.4	185.5	183.2	175.0	178.1	175.8	168.0	166.3	164.2	156.8
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	2328	2299	2196	2328	2299	2196	2328	2299	2196	2328	2299	2196
Connection	2 x 1 pole connector. For 0.2-0.75mm ² wires											

TECHNICAL DRAWING (mm)



VALUE series (CRI>80)

Linear LED module (560 mm length)

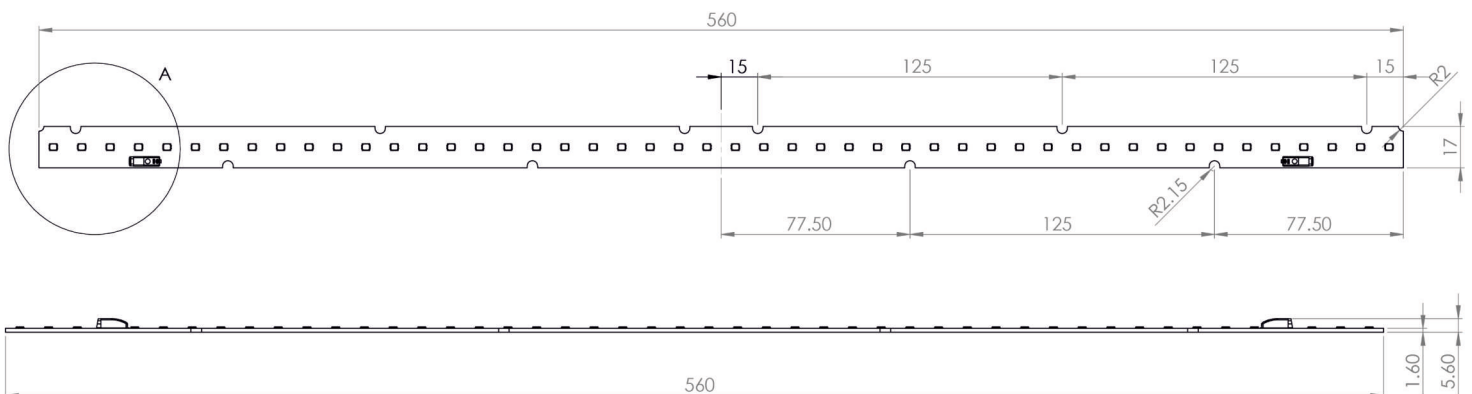


TECHNICAL DATA

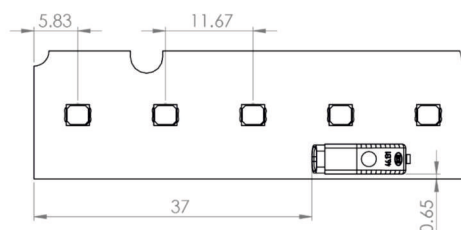


Model	AM-L560W17-6p8sRA-XW											
Dimensions, mm	560x17x5.6											
Current, mA	300			500			700			1050		
Typical voltage, V	~21.84			~22.40			~22.88			~23.68		
Power, W	6.6			11.2			16.0			24.9		
LED quantity, pcs	48											
Color	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)
Color temperature	5000K	4000K	3000K	5000K	4000K	3000K	5000K	4000K	3000K	5000K	4000K	3000K
Luminous flux, Lm	1266	1250	1194	2070	2044	1952	2864	2828	2701	4138	4086	3903
Luminous efficacy, Lm/W	193.5	191.0	182.4	185.5	183.2	175.0	178.1	175.8	168.0	166.3	164.2	156.8
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	4657	4598	4391	4657	4598	4391	4657	4598	4391	4657	4598	4391
Connection	2 x 1 pole connector. For 0.2-0.75mm ² wires											

TECHNICAL DRAWING (mm)

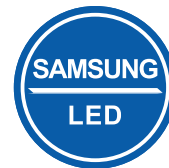


DETAILA



VALUE series (CRI>80)

Linear LED module (1120 mm length)



TECHNICAL DATA



Model	AM-L1120W17-6p16sRA-XW											
Dimensions, mm	1120x17x5.6											
Current, mA	300			500			700			1050		
Typical voltage, V	~43.68			~44.80			~45.76			~47.36		
Power, W	13.1			22.4			32.0			49.7		
LED quantity, pcs	96											
Color	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)	Pure white (-PW)	Neutral white (-NW)	Warm white (-WW)
Color temperature	5000K	4000K	3000K	5000K	4000K	3000K	5000K	4000K	3000K	5000K	4000K	3000K
Luminous flux, Lm	2532	2500	2387	4140	4087	3904	5728	5655	5402	8277	8172	7805
Luminous efficacy, Lm/W	193.5	191.0	182.4	185.5	183.2	175.0	178.1	175.8	168.0	166.3	164.2	156.8
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	9313	9195	8783	9313	9195	8783	9313	9195	8783	9313	9195	8783
Connection	2 x 1 pole connector. For 0.2-0.75mm ² wires											

TECHNICAL DRAWING (mm)

