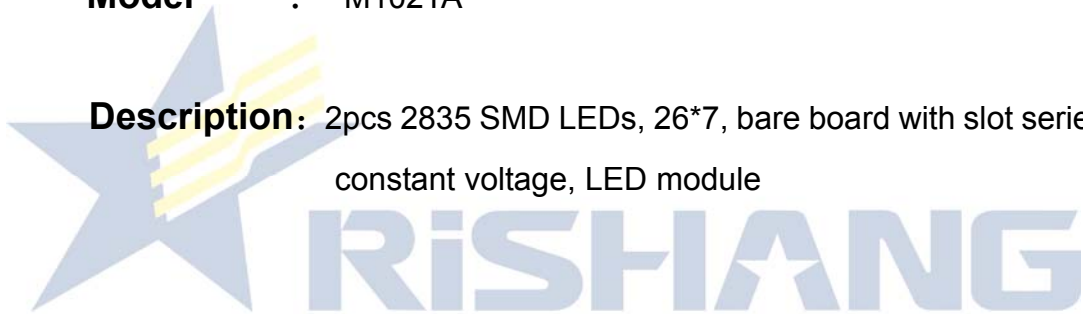


Specification

Model : M102TA

Description: 2pcs 2835 SMD LEDs, 26*7, bare board with slot series, 12Vdc,
constant voltage, LED module



Prepared by : _____

Checked by : _____

Standard Dept : _____

Approved by : _____

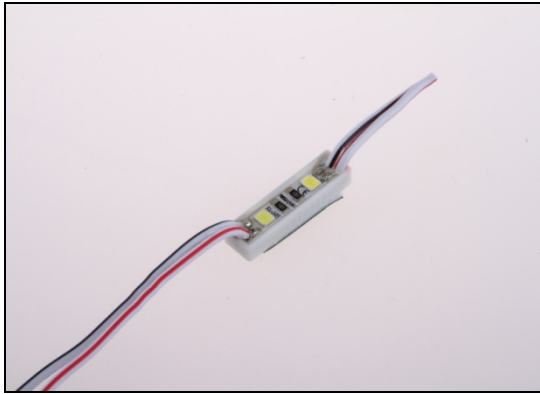
Issued Status: Draft Published

Specification

Product Name: 2835 series
LED module
Model: M102TA

Applications

Suitable for 4~8cm [1.57~3.14in] depth signage lighting, such as absorbing plastic letter, metal letter etc.



Features

1. 2835 SMD LEDs with low luminance attenuation;
2. The max. cascading qty up to 20pcs
3. Protect from dust and water intrusion thanks to the adoption of pouring sealant technology;
4. CE, RoHS compliant.

Installation

1. Fixed by foam double-sided adhesive backing.
2. Can be cut between every module of a single string.

Warranty

3years or 13000 hours, whichever comes first.

Optical and Electrical Parameters:

P/N	LED Color	Color Temperature(K) Wavelength(nm)	Beam Angle (°)	Luminous Flux (lm/piece)	CRI	Luminous Efficacy (lm/W)	Working Voltage (V DC)	Working Current (mA/piece)	Power (W/piece)
M102TA	Warm white	3000	115	18	≥75	75	12	20	0.24
M102TA	Neutral white	6000	115	18	≥75	75	12	20	0.24
M102TA	Cold white	9000	115	18	≥75	75	12	20	0.24
M102TA	Red light	620-625	115	5	—	18.2	12	20	0.24
M102TA	Yellow	585-590	115	6	—	21.2	12	20	0.24
M102TA	Green	525-530	115	8	—	37.5	12	20	0.24
M102TA	Blue	465-470	115	2	—	8.3	12	20	0.24

Others:

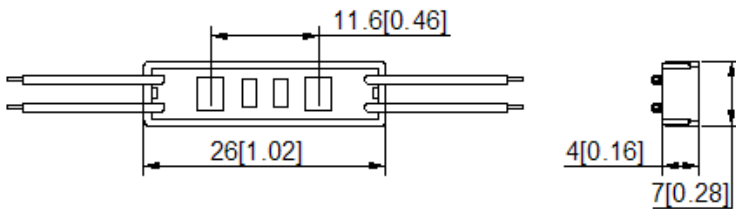
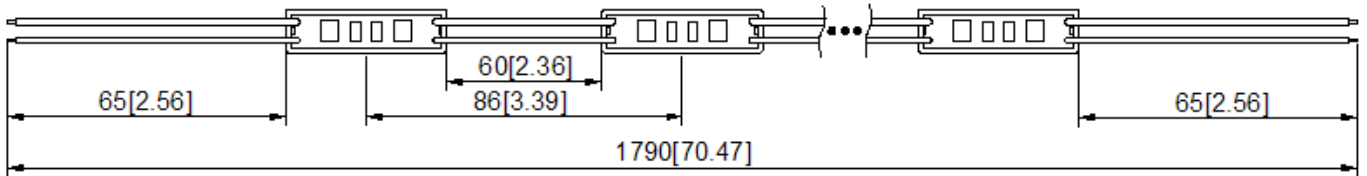
P/N	LED Color	Standard cascading qty (pcs)	Max. cascading qty single-ended (pcs)	Single module weight		Operating Temperature		Storage Temperature		IP Grade
				(g)	(lb)	(°C)	(°F)	(°C)	(°F)	
M102TA	White	20	20	1.5	0.0033	-25~+60	-13~+140	-25~+70	-13~+158	IP65
M102TA	Red									
M102TA	Yellow									
M102TA	Green									
M102TA	Blue									

Notes:

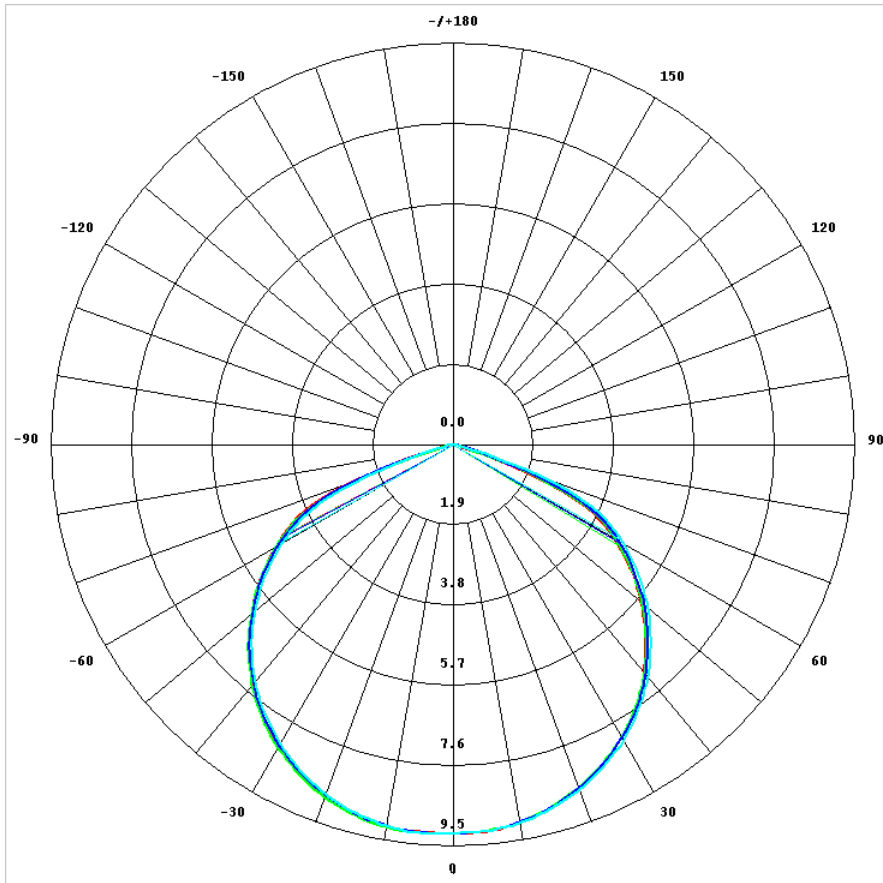
- ① Testing environment temperature: 25±2°C [77±3.6°F];
- ② The actual data of each single product may differ from above typical data which are subject to change without prior notice.

Profile Drawings:

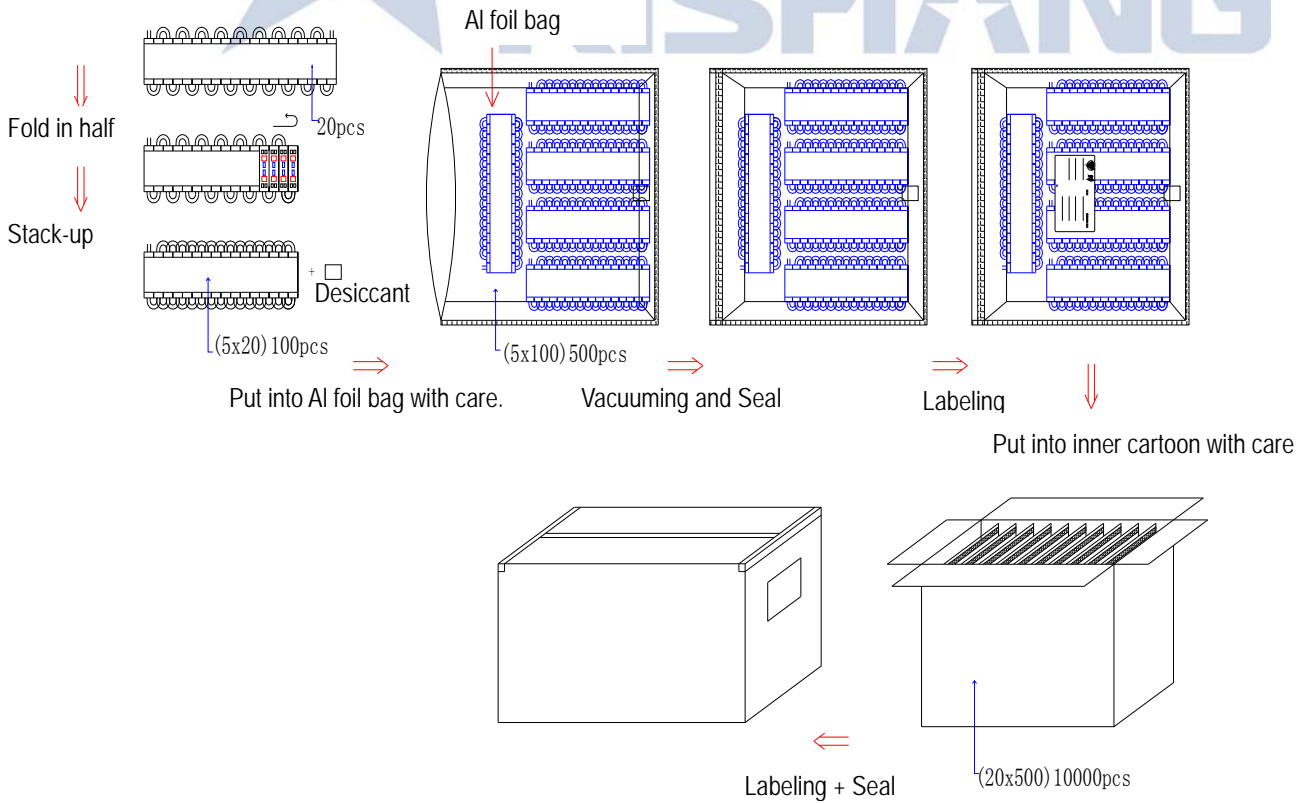
Unit: mm [in]



Light Distribution:



Packaging Diagrams:



Packaging Information:

1. Put this product into Al foil bag and then packaged into double-deck corrugated carton.
2. Carton Size: 528*376*272mm =0.053 (1±10%) CBM [20.78*14.80*10.70in];
3. The cascading qty is 20pcs per string, 25strings per Al foil bag, and 20 of which per carton, 10000pcs in total.
4. Net Weight (N.W) : 15 (1±10%) kg [33.06 (1±10%) lb];
5. Gross Weight (G.W) : 15.88 (1±10%) kg [35.00 (1±10%) lb];
6. The actual packed quantity and weight may subject to change without prior notice.

