

Specification

Model: M143TA

Description:

3pcs 2835 SMD LEDs, 78*12, slot pouring glue series, 12Vdc, constant voltage, LED module

Prepared by : _____

Checked by : _____

Standard Dept : _____

Approved by : _____

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Specification

Product Name: LED module

Applications

Model: M143TA

Suitable for 6~16cm [2.36~6.29in] depth signage, such as absorbing plastic letter, metal letter, channel letter, black and white board, light box etc.



Features

1. High luminous efficacy with 2835 SMD LED mounted;
2. Maximum cascading qty up to 20pcs;
3. slot pouring glue technology, high rating of dust and water resistance;
4. CE, RoHS compliant.

Installation

1. PE foam double-sided adhesive backing on modules used as an installation aid only and screws for permanent fixing;
2. Can be cut between every module of a single string.

Warranty

3 years or 13,000 hours, whichever comes first.

Optical and Electrical Parameters:

P/N	LED Color	Color Temperature(K) Wavelength(nm)	Color Tolerance Adjustment SDCM	Beam Angle (°)	Luminous Flux (lm/piece)	CRI	Luminous Efficacy (lm/W)	Working Voltage (V DC)	Working Current (mA/piece)	Power (W/piece)
M143TA	Warm white	3000	—	115	70	≥75	97	12	60	0.72
M143TA	Neutral white	6000	—	115	70	≥75	97	12	60	0.72
M143TA	Cold white	9000	—	115	70	≥75	97	12	60	0.72
M143TA	Red	620-625	—	115	18	—	25	12	60	0.72
M143TA	Yellow	585-590	—	115	18	—	25	12	60	0.72
M143TA	Green	525-530	—	115	33	—	46	12	60	0.72
M143TA	Blue	465-470	—	115	9	—	12.5	12	60	0.72

Others:

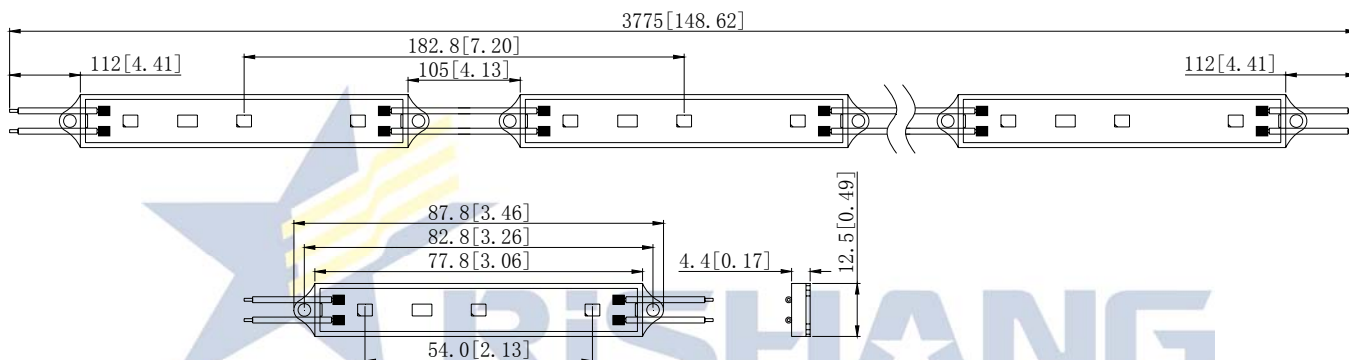
P/N	LED Color	Standard cascading qty (pcs)	Max. cascading qty		Single module weight		Operating Temperature		Storage Temperature		IP Grade
			Single-ended (pcs)	Double-ended (pcs)	(g)	(lb)	(°C)	(°F)	(°C)	(°F)	
M143TA	White Red Yellow Green Blue	20	20	/	6.2	0.013	-25~ +60	-13~ +140	-25~ +70	-13~ +158	IP65

Notes:

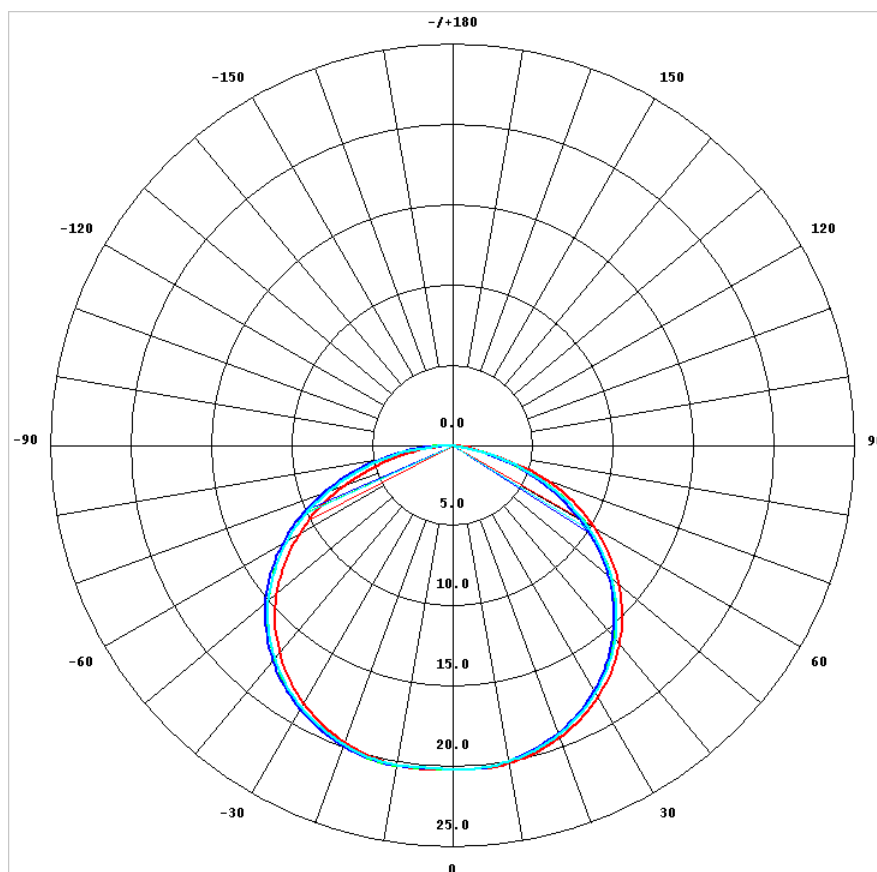
- ① Testing environment temperature: 25±2℃ [77±3.6°F];
- ② The actual data of each single product may differ from above typical data which are subject to change without prior notice;
- ③ Above “——” represents that SDCM parameters do not need to be filled in .

Profile Drawings:

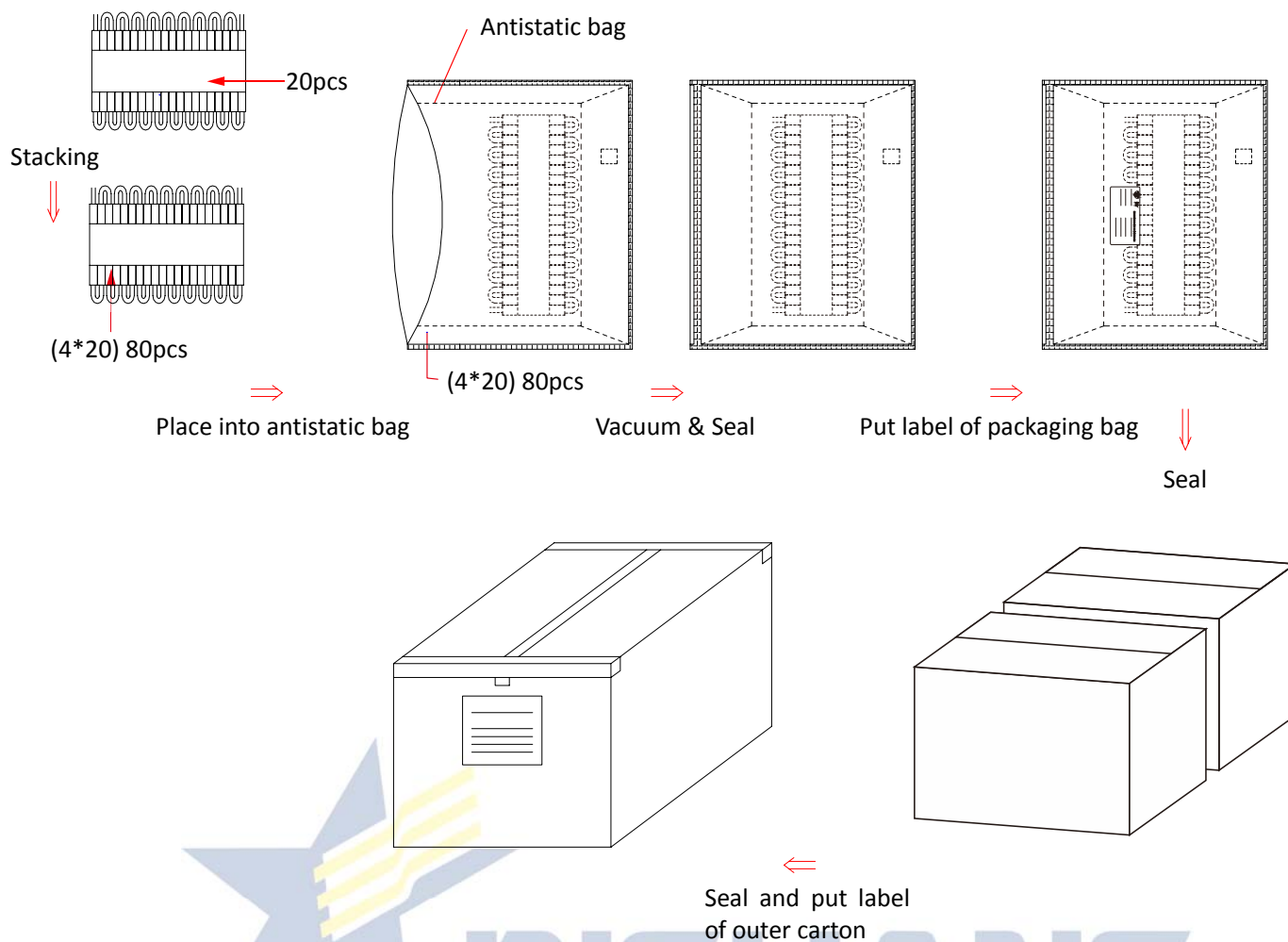
Unit: mm [in]



Light Distribution:



Packaging Diagrams:



Packaging Information:

1. Put this product into anti-static bags and then packaged into double-deck corrugated carton;
2. Outer Carton: 52.8*37.6*27.2cm =0.0539 (1±10 %) CBM [20.78*14.80*10.70in]; inner carton: 35.8*25.6*24.2cm =0.0221 (1±10%) CBM [14.09*10.07*9.52in];
3. 20pcs modules per cascading, 4pcs cascading in each antistatic bag, 12pcs antistatic bags per inner carton, 2pcs inner cartons packed into the outer carton, 1920pcs modules in total;
4. Net Weight (N.W): 11.88 (1±10%) kg [26.19 (1±10%) lb];
5. Gross Weight (G.W): 13.91 (1±10%) kg [30.66 (1±10%) lb];
6. The actual packed quantity and weight may subject to change without prior notice.