

Specification

Model: M983TA / M983TB / M983TA-1 / M983TB-1

Description:

M983TA: 3pcs WR 2835 SMD LEDs, 66*13.6*7.2, creamy white shell and equipped with optical cover, PVC injection series, bat wing light distribution, 12Vdc, constant voltage, LED module

M983TB: 3pcs WR 2835 SMD LEDs, 66*13.6*7.2, creamy white shell and equipped with optical cover, PVC injection series, bat wing light distribution, 12Vdc, constant current, LED module

M983TA-1: 3pcs Samsung 2835 SMD LEDs, 66*13.6*7.2, creamy white shell and equipped with optical cover, PVC injection series, bat wing light distribution, 12Vdc, constant voltage, LED module

M983TB-1: 3pcs Samsung 2835 SMD LEDs, 66*13.6*7.2, creamy white shell and equipped with optical cover, PVC injection series, bat wing light distribution, 12Vdc, constant current, LED module

Prepared by : _____

Checked by : _____

Standard Dept : _____

Approved by : _____

Issued Status: Draft Published

Specification

Product Name: LED module

Applications

Model: M983TA/ Suitable for 8~20cm [3.14~7.87in] depth signage.

M983TB/

Features

M983TA-1/

1. 2835 SMD LED with low attenuation and long life;

M983TB-1

2. 50pcs cascading under double-end power feed;

3. Beam angle: 160°;

4. Can be cut between every unit;

5. CE, RoHS compliant.



Installation

1. Via self-adhesive back and further fixed by screws.

Warranty

M983TA/M983TA-1: 4 years or 18,000 hours, whichever comes first;

M983TB/M983TB-1: 5 years or 22,000 hours, whichever comes first.

Optical and Electrical Parameters:

P/N	LED Color	Color Temperature (K)	Beam Angle (°)	Luminous Flux (lm/piece)	CRI	Luminous Efficacy (lm/W)	Working Voltage (V DC)	Working Current (mA/piece)	Power (W/piece)
M983TA	Pure White	6000	160	65	≥70	90	12	60	0.72
	Cold White	9000	160	65	≥70	90	12	60	0.72
M983TB	Pure White	6000	160	65	≥70	90	12	60	0.72
	Cold White	9000	160	65	≥70	90	12	60	0.72
M983TA-1	Pure White	6000	160	70	≥80	97	12	60	0.72
	Cold White	9000	160	70	≥80	97	12	60	0.72
M983TB-1	Pure White	6000	160	70	≥80	97	12	60	0.72
	Cold White	9000	160	70	≥80	97	12	60	0.72

Others:

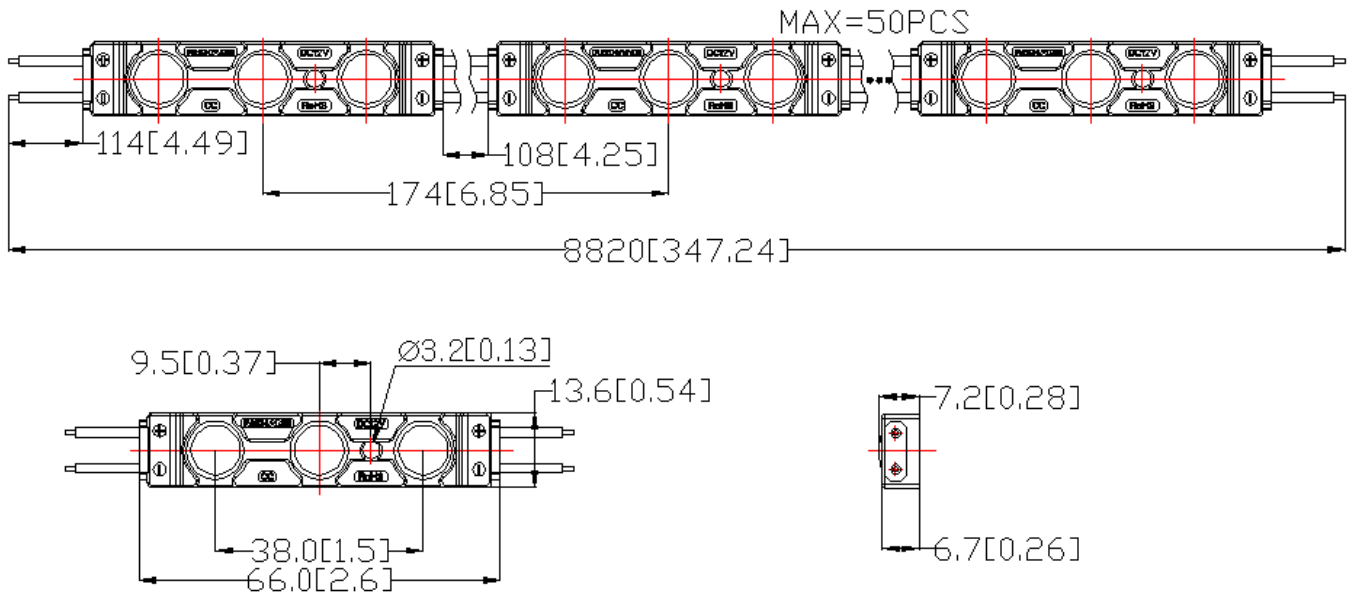
P/N	Standard cascading qty (pcs)	Max. cascading qty		Single module weight		Operating Temperature		Storage Temperature		IP Grade
		Single-ended (pcs)	Double-ended (pcs)	(g)	(lb)	(°C)	(°F)	(°C)	(°F)	
M983TA M983TA-1 M983TB M983TB-1	50	25	50	9	0.0198	-25~ +60	-13~ +140	-25~ +70	-13~ +158	IP65

Notes:

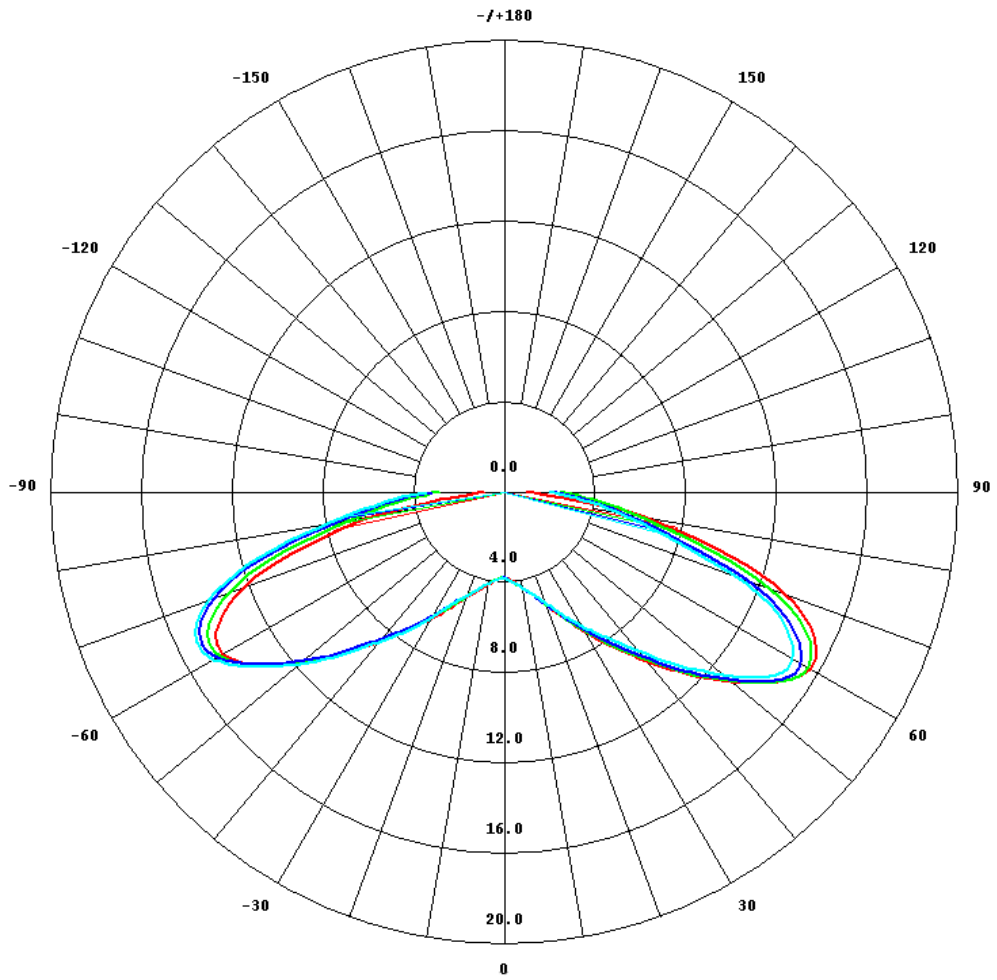
- ① Testing environment temperature: 25±2°C [77±3.6°F];
- ② The actual data of each single product may differ from above typical data which are subject to change without prior notice.

Profile Drawings:

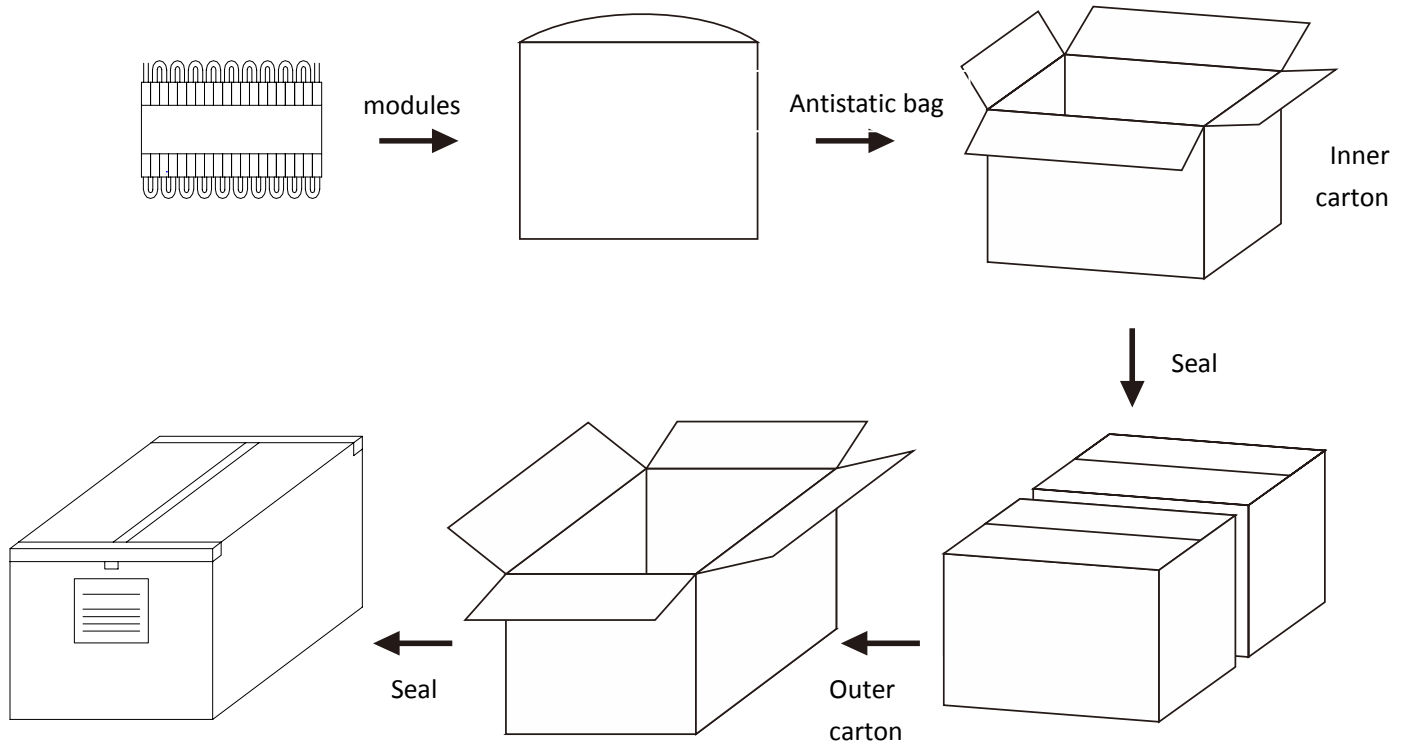
Unit: mm [in]



Light Distribution:



Packaging Diagrams:



Packaging Information:

1. Modules adopt inner carton with outer carton packaging;
2. Outer Carton: 52.8*37.6*27.2cm = 0.0539 (1±10%) CBM [20.78*14.80*10.70in];
3. 150pcs modules per antistatic bag, 750pcs per inner carton; 1500pcs per outer carton;
4. Net Weight (N.W) : 13.50 (1±10%) kg[29.76 (1±10%) lb];
5. Gross Weight (G.W) : 15.23 (1±10%) kg[33.58 (1±10%) lb];
6. The actual packed quantity and weight may subject to change without prior notice.