

Specification

Model: M951DB、M951DB-1

Description:

1pcs 3535 SMD LEDs, 64*43*16.5, white shell and equipped with optical cover, injection series, 3.2W, 12Vdc, constant current, LED module

pcs 3535 SMD LEDs, 64*43*16.5, white shell and equipped with optical cover, injection series, 2.1W, 12Vdc, constant current, LED module

Prepared by : _____

Checked by : _____

Standard Dept : _____

Approved by : _____

Issued Status:

☐Draft

☒Published

Specification

Product Name: LED module

Model: M951DB
M951DB-1

Applications

Suitable for single/double-sided light box at shopping mall, airport, subway, bus station, etc. This product is designed for single-sided light box with depth 70-200mm [2.75 ~ 7.87in] or double-sided light box with depth 80-400mm [3.14~15.74in].



Features

1. Flame-retardant engineering plastics as housing guarantees high reliability;
2. 3535 SMD LED beads with high luminous Efficacy;
3. Constant current driver: stable performance, long lifetime, good brightness uniformity;
4. IP65 rated and report from Bureau of Quality Supervision.

Installation

1. Installed on the edge of light box, back adhesive for preliminary fixing, screws for permanent fixing;
2. Can be cut between every unit.

Warranty

M951DB 3 years or 13,000 hours, whichever comes first;

M951DB-1 3 years or 13,000 hours, whichever comes first.

Optical and Electrical Parameters:

P/N	LED Color	Color Temperature (K)	Color Tolerance Adjustment SDCM	Beam Angle (°)	Luminous Flux (lm/piece)	CRI Ra	Luminous Efficacy (lm/W)	Working Voltage (V DC)	Working Current (mA/piece)	Power (W/piece)
M951DB	White	7000	—	10°* 40°	280	>70	87	12	270	3.24
M951DB-1	White	7000	—	10°* 40°	200	>70	87	12	175	2.1

Others:

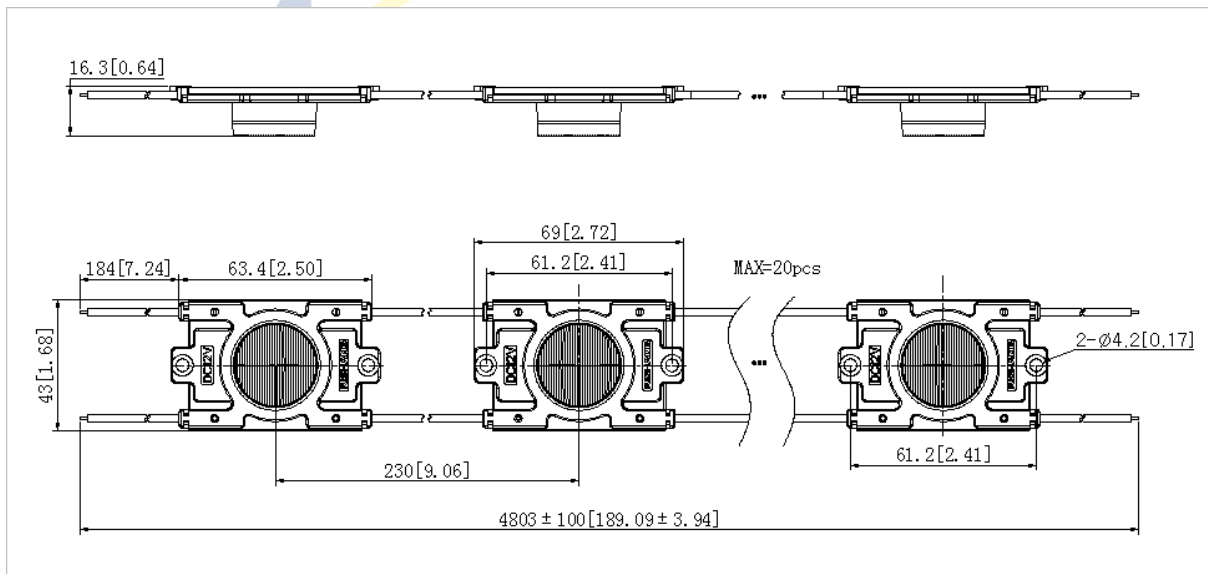
P/N	LED Color	Standard cascading qty (pcs)	Max. cascading qty		Single module weight		Operating Temperature		Storage Temperature		IP Grade
			Single-ended (pcs)	Double-ended (pcs)	(g/piece)	(lb/piece)	(°C)	(°F)	(°C)	(°F)	
M951DB 、 M951DB -1	White	20	20	40	30	0.066	-25~ +60	-13~ +140	-25~ +70	-13~ +158	IP65

Notes:

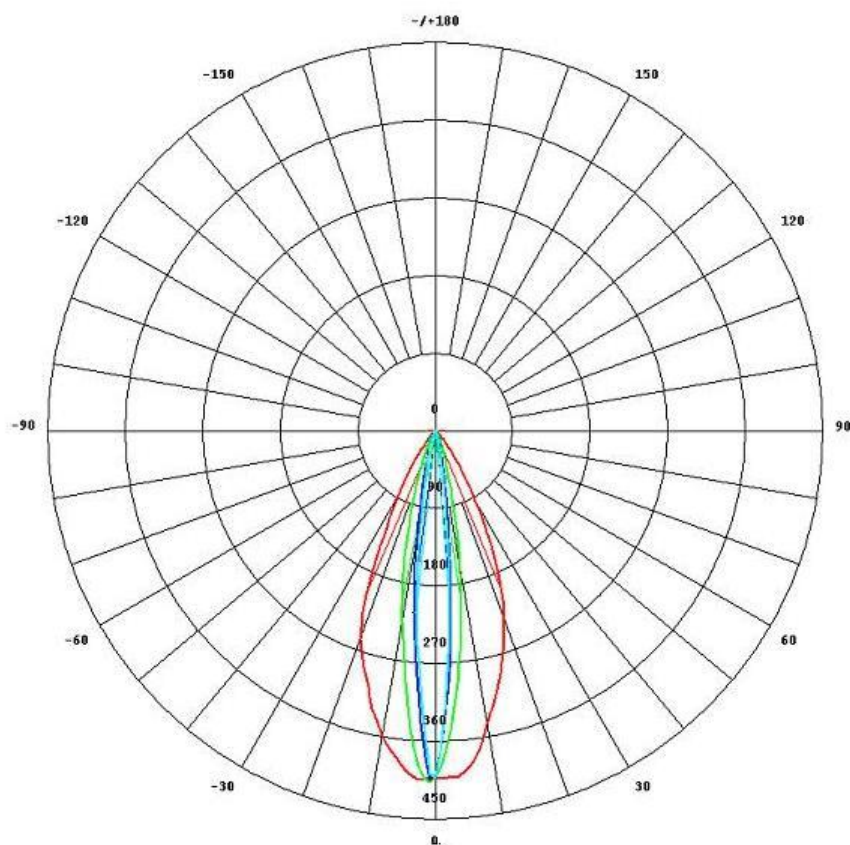
- ① Testing environment temperature: 25±2℃ [77±3.6°F];
- ② The above data are depended on every single module;
- ③ The actual data of each single product may differ from above typical data which are subject to change without prior notice;
- ④ Double-ended power supply is allowed;
- ⑤ Above “——” represents that SDCM parameters do not need to be filled in.

Profile Drawings:

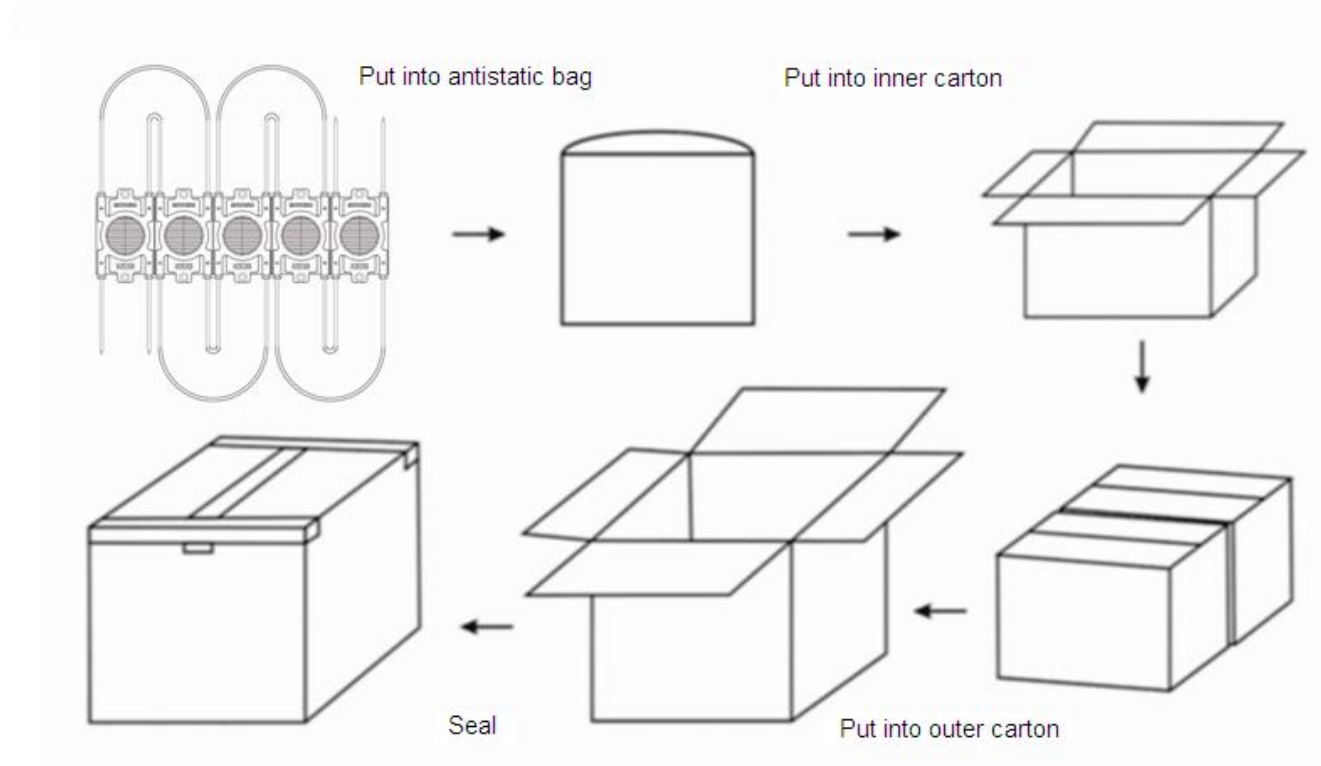
Unit: mm [in]



Light Distribution:



Packaging Diagrams(1):



Packaging Information:

1. 20pcs modules per string;
2. Apply antistatic bag for packaging, 1pcs string (20X1=20pcs modules) per antistatic bag; 6pcs antistatic bags (20X6=120pcs modules) per inner carton, 2pcs inner cartons (120X2=240pcs modules) per outer carton;
3. Inner Carton: 35.8*25.6*24.2cm =0.0221 (1±10 %) CBM [14.09*10.07*9.52in]; Outer Carton: 52.8*37.6*27.2cm =0.0539 (1±10%) CBM [20.78*14.80*10.70in];
4. Net Weight (N.W) : 7.2 (1±10%) kg [15.87 (1±10%) lb];
5. Gross Weight (G.W) : 8.9 (1±10%) kg [19.62 (1±10%) lb];
6. The actual packed quantity and weight may subject to change without prior notice.