

Specification

Model : M113AQ

Description : 3pcs 5050SMD LED, 78*18mm, 12VDC, waterproof, RGB
module

Prepared by : _____

Checked by : _____

Standard Dept : _____

Approved by : _____

Issued Status: Draft Published

Specification

Product Name: Crius Series

Model: M113AQ

Applications

Suitable for 10 ~ 18cm [3.94 ~ 7.09 in] depth signs such as channel letter, metal letter and so on.



Features

1. RGB5050SMD LED mounted;
2. Maximum module quantity per string up to 20pcs;
3. Waterproof with epoxy injected;
4. Certification: CE, RoHS.

Installation

1. Double-sided adhesive tape backing on modules used as an installation aid only, permanent adhesion is done with screws;
2. Single module as a unit can be cut.

Warranty

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

Optical and Electrical Parameters:

P/N	LED Color	Wavelength (nm)	Beam Angle (°)	Luminous Flux (lm/piece)	CRI	Luminous Efficacy (lm/W)	Working Voltage (V DC)	Working Current (mA/piece)	Power (W/piece)
M113AQ	Red	R: 620-625	115	6	--	-	12	60	0.72
	Green	G: 525-530		10					
	Blue	B: 465-470		3					

Others:

P/N	LED Color	Standard Qty per String (pcs)	Max. Qty per String (pcs)	Weight (/piece)		Operating Temperature		Storage Temperature		IP Grade
				g	lb	(°C)	(°F)	(°C)	(°F)	
M113AQ	RGB	20	20	10	0.022	-25~+60	-13~11 3	-25~ +70	-40~15 8	IP65

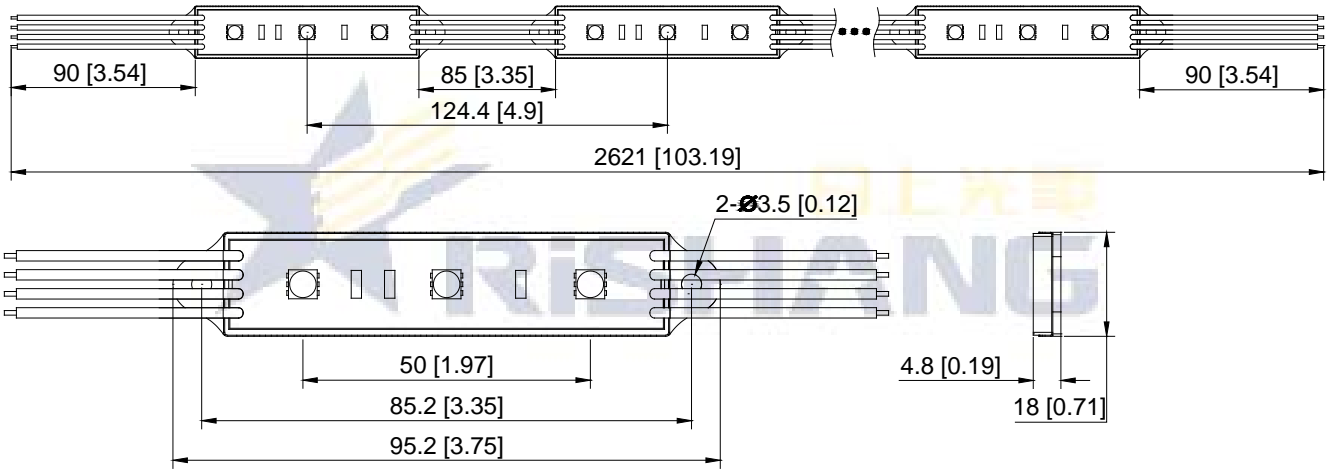
Notes:

- ① Testing environment temperature: 25±2°C [77±3.6°F]

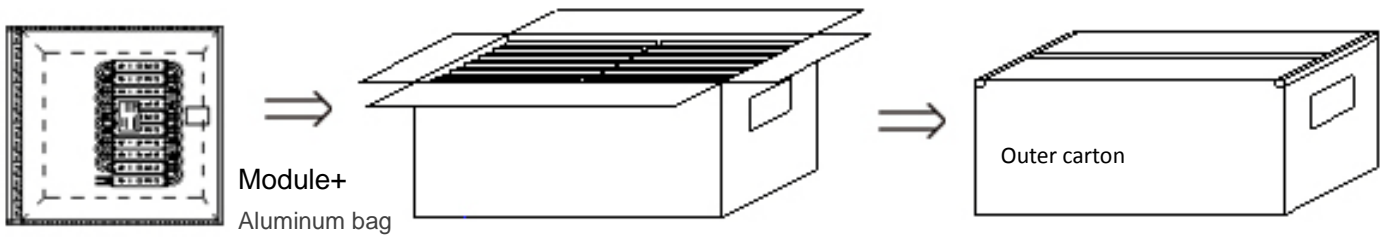
- ② The above data are typical values; the actual data of each single product could differ from the typical values. The data subject to change without prior notice.
- ③ The above luminous flux is based on the monochromatic lit module.

Profile Drawings:

Unit: mm[in]



Packaging Diagram:



Packaging:

1. Carton Dimension: 52*37*26cm=0.0500 (1±10%) CBM [20.47*14.57*10.24in]
2. 20 modules per string, 5 strings per bag, 12 bags per outer carton, 1200 modules in total
3. Net Weight (N.W): 12.7 (1±10%) kg [279.98 (1±10%) lb] ;
4. Gross Weight (G.W): 13.8 (1±10%) kg [30.42 (1±10%) lb] ;
5. The actual packed quantity and weight subject to change without prior notice.

