

Specification

Model: M902AQ

Description: 2pcs 5050 SMD LEDs, 49*18.6*10.4, white shell and equipped with optical cover,
PVC injection series, 0.72W, 12Vdc, group control, RGB LED module

Product Name: LED module

Model: M902AQ

Applications

Suitable for 8~20cm [3.14~7.87in] depth signage and landscape lighting engineering.

Features

1. 5050 SMD LED with low attenuation and long life;
2. Maximum cascading qty up to 25pcs;
3. Homogeneity in lighting and stable performance;
4. RGB group control and linear function control;
5. CE, RoHS compliant.

Installation

1. Via back adhesive for preliminary fixing, screws for permanent fixing;
2. Can be cut between every single module.

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 Ra	Luminous Efficacy (lm/W)	Working Voltage (V DC)	Working Current (mA/piece)	Power (W/piece)
M902AQ	Red	620-625	--	160	14	--	19.4	12	60	0.72
	Green	520-525								
	Blue	470-475								

Others:

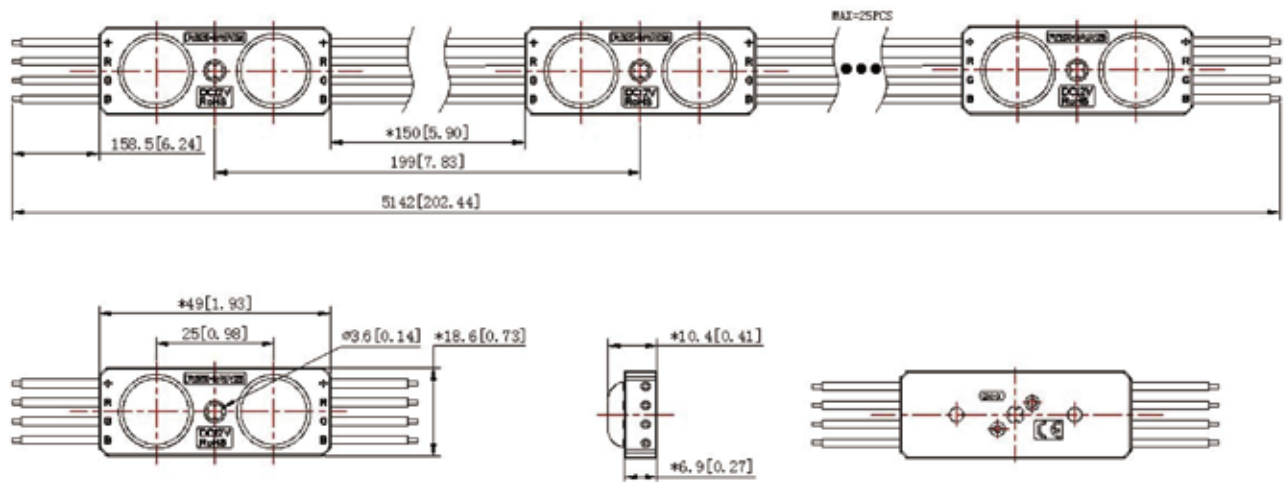
P/N	LED Color	Standard cascading qty (pcs)	Max. cascading qty		Single module weight		Operating Temperature		Storage Temperature		IP Grade
			Single-ended (pcs)	Double-ended (pcs)	(g)	(lb)	(°C)	(°F)	(°C)	(°F)	
M902AQ	RGB	25	25	50	13.5	0.029	-25~+60	-13~+140	-25~+70	-13~+158	IP65

Notes:

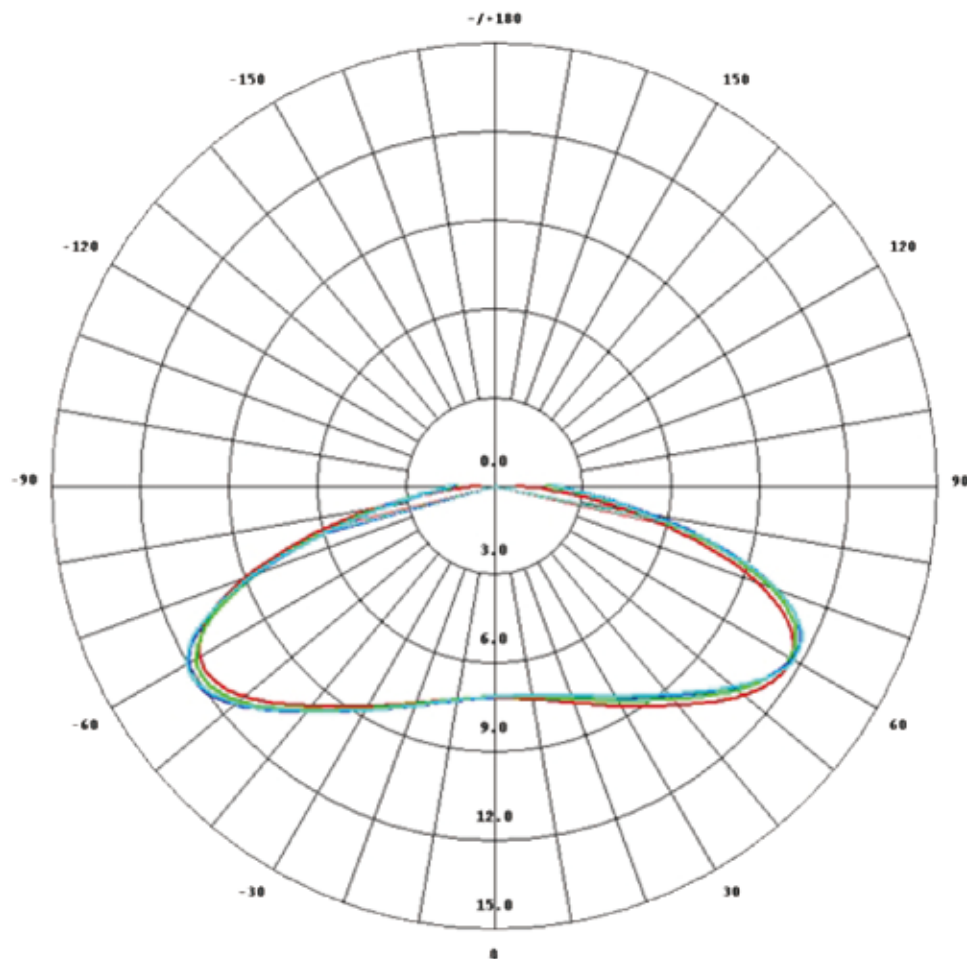
- ① Testing environment temperature: 25±2℃ [77±3.6°F];
- ② The actual data of each single product may differ from above typical data which are subject to change without prior notice.
- ③ "--" in the above is SDCM parameters which are not required temporarily.

Profile Drawings:

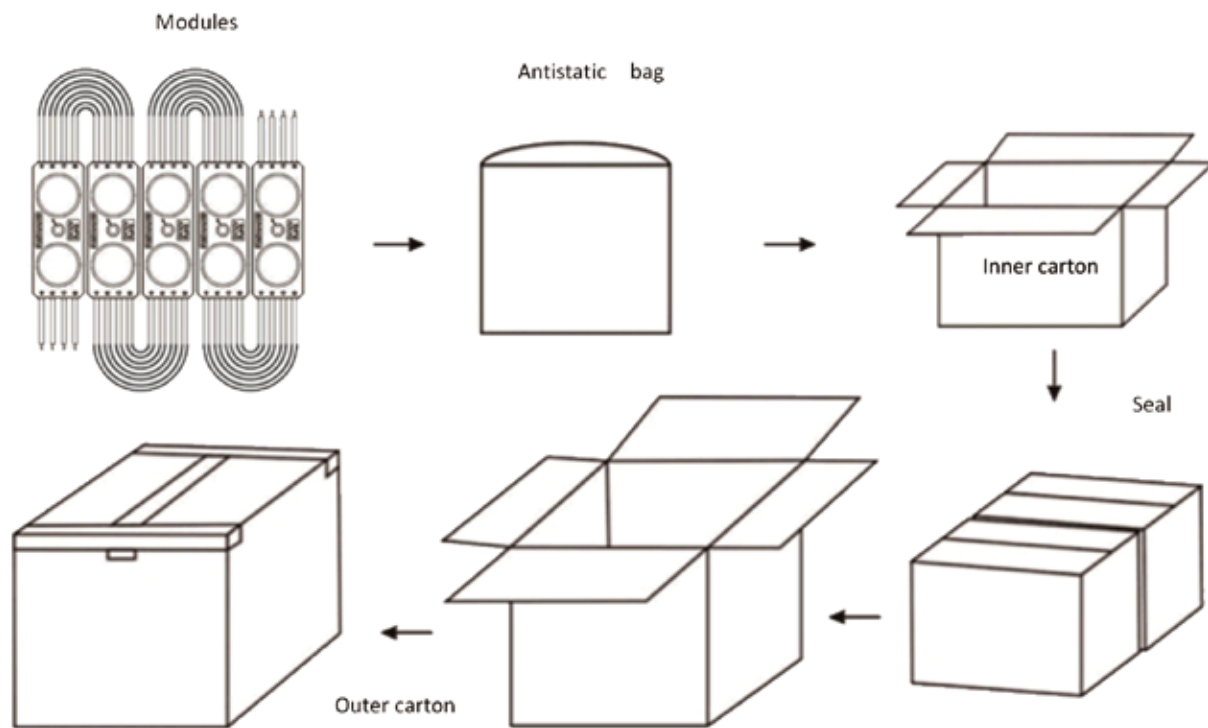
Unit: mm [in]



Light Distribution:



Packaging Diagrams:



Packaging Information:

1. 75pcs modules per antistatic bag, 375pcs per inner carton, 750pcs per outer carton;
2. 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]
3. Net Weight (N.W) : 11.9 (1±10%) kg [26.23 (1±10%) lb];
4. Gross Weight (G.W) : 13.6 (1±10%) kg [29.98 (1±10%) lb];
5. The actual packed quantity and weight may subject to change without prior notice.

