Product specification

Model: IAQ702A

File No：xx-xxxxxx

Version: V1.0

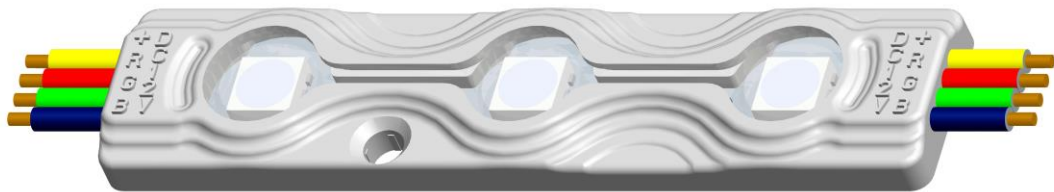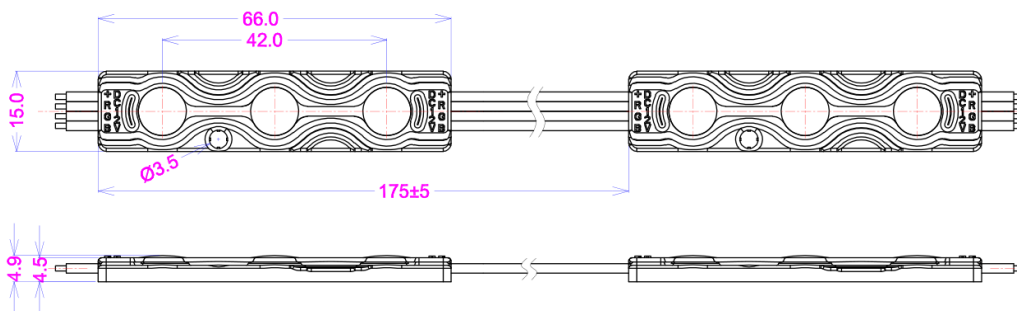| Date	Version	Change history	Author	Approve
2015.12.08	V1.0		Wenqiu Cui	

Perfectly suitable for decorative lighting

IAQ702A

1. Features

✧ Constant Voltage Technology (CVT)

✧ The Aluminum plate for heat dissipation

✧ Energy saving，Environment friendly

✧ Long life span

2. Applications

✧ Commercial standing lighting

✧ Decorative lighting

✧ Logo lighting

✧ Line/shape lighting

3. Dimensions

4. Environmental and Application Conditions

Ambient temperature range (TA on free air)	-25…..+55℃
Operating (case) temperature range (TC)	-25…..+55℃
Storage temperature range	-25…..+65℃
IP rating	IP67

5. Electrical parameters

Supply voltage range	12.5±0.5 VDC
Supply Current range (per module)	Max:60mA
Power range (per module)	Max:0.72W
ESD protection	Contact 4KV, Air 8KV

6. Optical parameters (module base)

Part No.		Color Range			Flux Range		Beam angle
		Min. CCT or wavelength	Typ. CCT or wavelength	Max. CCT or wavelength	Min. Lumen	Typ. Lumen	
IAQ702A	R	620 nm	625 nm	630 nm	6 lm	7.5 lm	120°
	G	520 nm	525 nm	530 nm	12 lm	18 lm	120°
	B	460 nm	465 nm	470 nm	3 lm	4 lm	120°

8. Attention

a. Max. number of modules of one chain is 20pcs from power supplier to single end.

b. The given illuminance parameters ensure illuminance on the surface. Depending on the type of material used for channel letters or lighting boxed,the parameters can change.More brightness is obtained if distances between LED modules are reduced.

c. The LED module itself and all its components may not be mechanical stressed.

d. Please ensure that the power supply is adequate power to operate the total load. Only qualified personnel should be allowed to perform installations.

e. The design of the housing should be according to the IP standards in the application.

f. If surge protection structure not within power supplier, a lightening protector should be needed additionally.

9. Package

a. Outal carton:52x37x26cm, small carton:35x25x23cm, Anti-static bag:300x280x0.12mm.

b. 20pcs per chain,5pcs chain in one Anti-static bag . (100 pcs in one Anti-static bag).

c. 8 bags in one small carton . (800 pcs in one small carton).

d. One outal carton contains 2 pcs small cartons (1600pcs in one outal carton).