

F12 RGB LED Direct Lighting adopts high flux LED chip, is with wide beam angle, low lumen degradation and good color uniformity. Driven by DC 5V power, ensure safety of use. It's mostly used in single color LED direct lighting letters, billboards, advertising signs and other advertising illuminations.

The casing is very flexible and can be taken out for easy maintenance. The distance between drilled holes can be customized. Recommend Center distance is 3-5 cm.

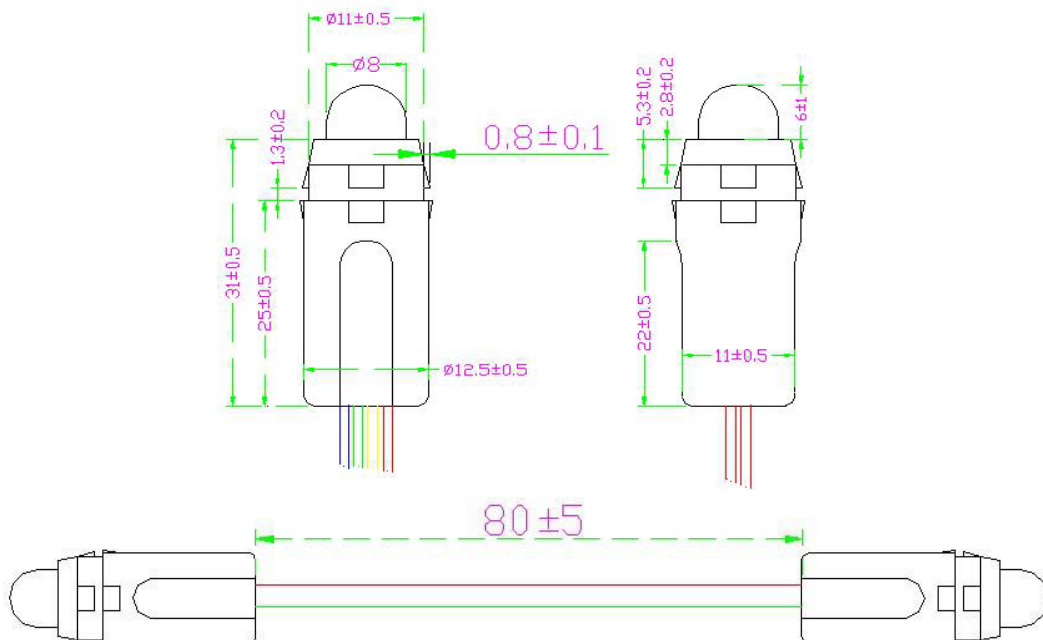
Electrical Parameter

Model No.	LED Type	Angle	LED Color	Intensity (mcd)	Wavelength/ Color temp. (nm/K)	Working Voltage (V)	Power (W)	Working life (h)
SP-F1205VRGB	φ8 Rat	90-180°	Red	500-700	620-625	DC 5V	0.3W/PCS	50000h
			Green	1700-2000	515-520			
			Blue	800-1000	465-470			
			Yellow	400-600	588-593			
			Warm	1400-1600	2700-3300K			
			White light	1400-1600	6000-7000K			
			Cool white	1400-1600	9000-13000K			

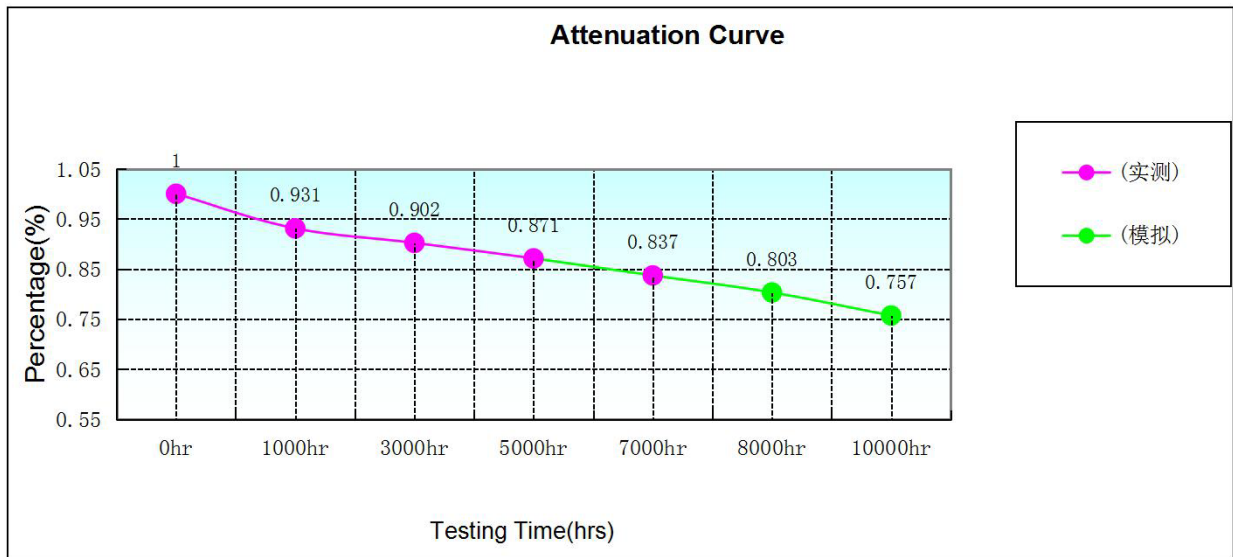
Others

LED QTY	Cascade QTY	IP rating	Wire	Shell	Driving Type	Fasten Type	Working temp.	Store temp.
1pcs	≤ 50pcs	IP67	22 # grey&white	Wate clear PVC	constant voltage	screens	-40 — +50	-40 — +50

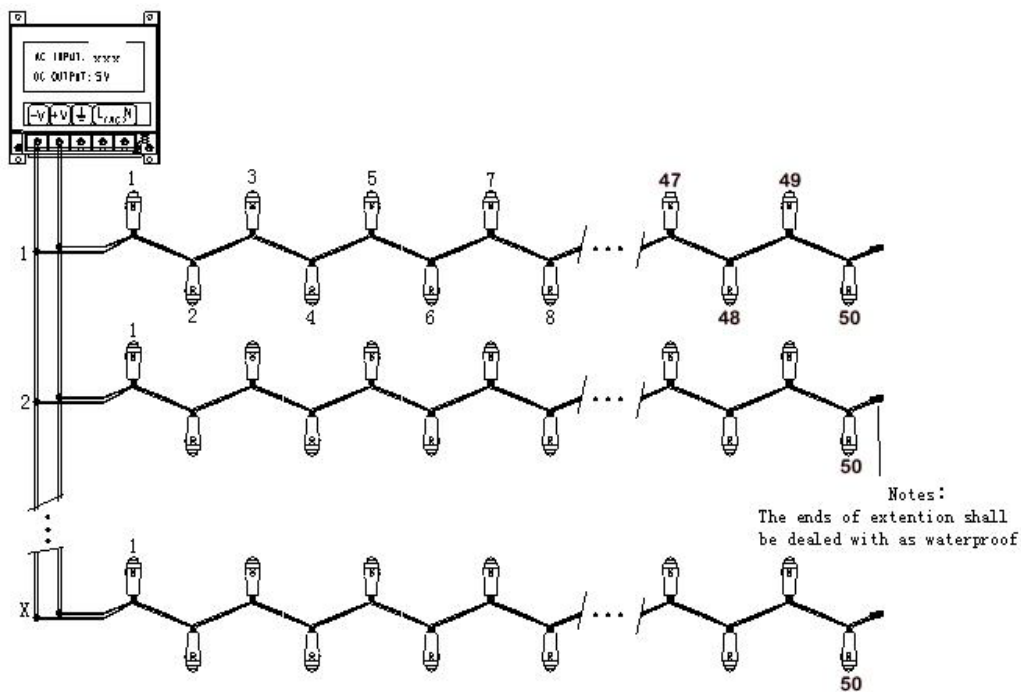
Dimension (Unit : mm) :



Optical attenuation curve



Connection Diagram (Unit : mm) :



Notes :

- 1、 The thickness of the wires shall be adopted based on the possible current, products power, length of the wire extension (5 meter at maximum as recommended) and the loss in the wires transit at low voltage.
- 2、 The both ends of extension shall be dealt with as waterproof ;
- 3、 Don't work under the situations of touching in static-electronics environments or light on
- 4、 The products can be connected to 50 pcs at maximum and no exceed;
- 5、 Suggest choosing high-qualified switch power (have short electronics , overvoltage and overloading protection function etc).