

LED SPOT LIGHT

ITEM NO.: SP-F170A Series

INSTRUCTION OF LED SPOT LIGHT/SP-F170A

This product is mainly used for decorating and highlighting in building frame,garden,etc.It can work in independent mode and DMX mode,which can generate various color changing effects,such as flashing,fading,seven color jumping synchronously etc .DMX256 class gray degree dimmer,DMX programable (thousands of effects available if many lights being connected together)

A.Specification

A-1. Structure

Materials of Shell: Aluminum alloy
 Rotary angle: 180°(Vertical)
 Input Voltage: 24V DC/100~240V AC/100~277V AC
 Protecting Rating: IP65
 Operating Temperature: -20°C~45°C



A-2. Model Configuration Table

SP-F170A-24P

Model No.	LED Color	LED Quantity	Power Consumption	Beam Angle	Size	Weight	✓
SP-F170A-24P	RGBW R/G/B	24	48 WATTS	15°/ 30°/ 45°/ 55°/ 15°55°/ 20°40°	L340xW191xH103m	3.3kg±5%	
SP-F170A-36P	WW / NW / W / RGB	36	48 WATTS	15°/ 30°/ 45°/ 75°/ 20°60°	L340xW191xH103m	3.3kg±5%	

B. Working Mode

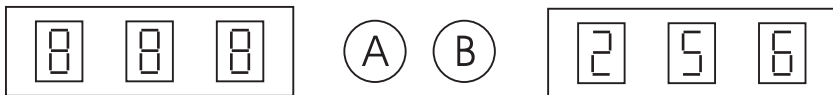
- B-1. Independent Mode:the build-in programs Auto Running.
- B-2. DMX Mode: International standard DMX512 / RDM signal.
- B-3. Master/Slave Mode: Auto online and synchro working.

C. Function & Setup:

C-1. DMX Addressing

When the digital LED is not flashing, press A, digital LED begin to flash, press A once, active digital LEDs moves backward, you can start to edit the second digital LED;Press B, the corresponding flash digital LED increase one bit(the values between 1 to 9);

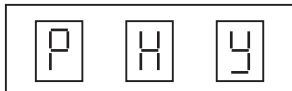
*** Valid DMX Address:001~512



C-2.Independent Mode

After pressing A four times(the first three times is the setup on DMX address)or B directly,light enter into independent mode;the digital LEDs shows PXY,press A once,active digital LEDs moves backward, you can choose function via X and parameter via Y;

Press B, the corresponding flash digital LED increase one bit(range: 1~9);



X refer to functions(the value between 1 to U),Y refer to value of speed and gray degree for the functions(the value between 1 to 9).

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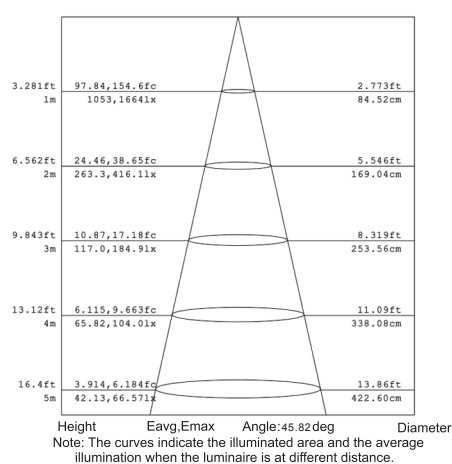
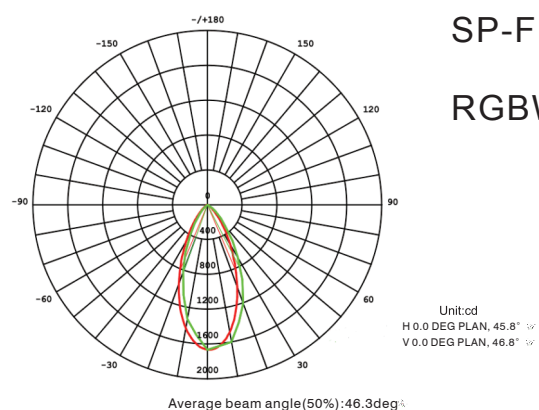
X value	Y value
1-static red	1~9 class gray degree
2-static green	1~9 class gray degree
3-static yellow	1~9 class gray degree
4-static blue	1~9 class gray degree
5-static purple	1~9 class gray degree
6-static cyan	1~9 class gray degree
7-static R+G+B	1~9 class gray degree
8-static white	1~9 class gray degree
9-white+red	1~9 class gray degree
A-white+green	1~9 class gray degree

X value	Y value
B-white+red+green	1~9 class gray degree
C-white+blue	1~9 class gray degree
D-white+blue+red	1~9 class gray degree
E-white+blue+green	1~9 class gray degree
F-white+red+green+blue	1~9 class gray degree
G-multicolor changing	1~9 class speed
H-single fading	1~9 class speed
L-multicolor fading	1~9 class speed
P-multicolor flashing	1~9 class speed
U-Auto run	1~9 times circle

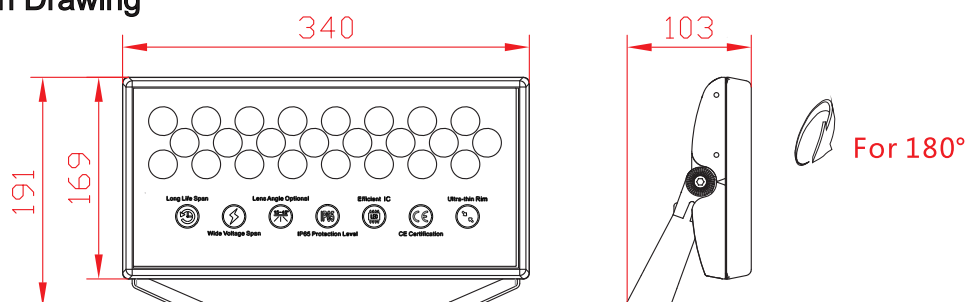
D. Photometrics Parameters

D-1. Cadela Distribution

D-2. Illuminance At A Distance

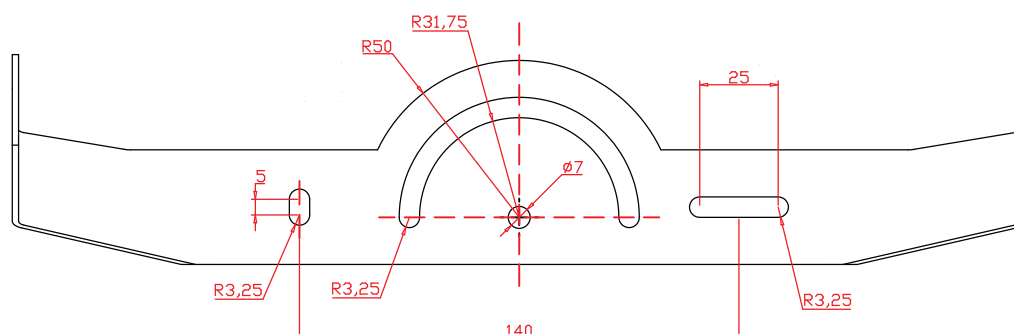


E.Dimension Drawing



F.Installation

F-1. Fix the brackets via M6 tapping screw, mounting size as below:

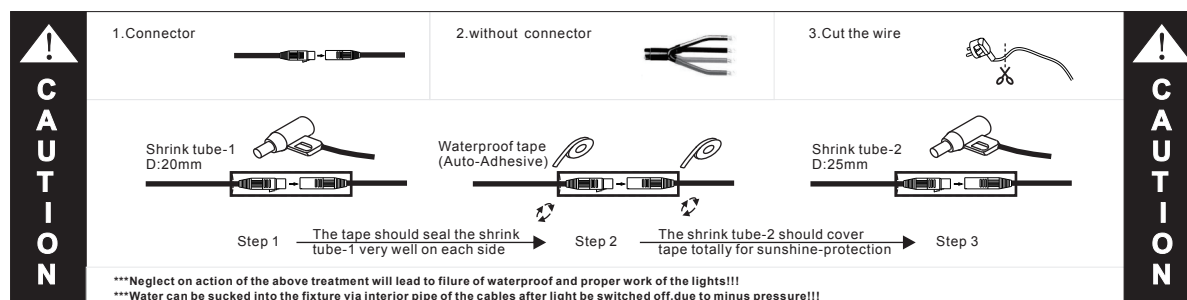


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G.Waterproof Treatment

The signal output connector XLR-3 of the last fixture of each series must be sealed with a 20mm thermal shrinking tube(-1), blow and shrink it with a hair driers; thence wrapped with waterproof tape (auto-adhesive, please refer to below instruction for operation) on both side; Blow the second 25mm shrink tube(-2) at last so as to protect waterproof tape under sunshine and guarantee the waterproof validity.



*** Power connector should be treated in the same way if available!!!

*** IP68 connector does not require above treatment, but you connect a threaded twist quite well to prevent operational errors lead to joint water

Caution:

1. Do not plug them into power when the product is still in package;
2. Don't use anything to cover the fixture during application;
3. Don't use this product in close environment;
4. If this product appears to be damaged, do not attempt any repair, please contact your dealer.

Warning:

- * Neglect on action of the above treatment will lead to failure of waterproof and proper working of the lights!!!
- * Make sure the ground connection well avoid electric shock, due to metal housing.
- * Don't cut out the updated IP68 connectors, or any failure caused must be born by buyers.

Note: The above instruction are subject to update or improved without notice. Pls turn to our staff for further details !
 Thanks for your long term support !



Do not install the lamp in the lightning activity area.