LED SPOT LIGHT

Aurora Spot 4

INSTRUCTION OF LED SPOT LIGHT VVDSPD12RGBW

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, steady ,seven color jumping synchronously etc. DMX256 class gray degree dimmable，DMX programable (thousands of effects available if many lights are connected together)

A. Specification

A-1 Structure

Materials of Shell: Aluminum
Rotary angle: 180°
Input Voltage: 100V~240V AC
Protecting Rating: IP65
Operating Temperature：-20℃~40℃

SP-R225A-12P-DMX

A-2 Model Configuration Table

Model	Size	LED Color	LED Quantity	Power Consumption	Beam Angle	Weight
VVDSPD12RGBW	D225x275mm	RGBW(4in1)	12pcs Power LED/4W	45 WATTS	15°/25°	4.5kg±5%

B. Working Mode:

B-1. Independent Mode: Choose the build-in programs Auto Running.
B-2. DMX Mode: International standard DMX 512.
B-3. Master/Slave Mode: Auto online and synchro working.

C. Function & Setup

C-1. DMX Addressing:

This product has 4 DMX channels,**use"CTR-ADDR-WR" for addressing**,for details please refer to its instruction.
***Valiad DMX address ：001~512

1. DMX Channel instruction-4 Channels available as sheet:

CHANNEL 1		CHANNEL 2		CHANNEL 3		CHANNEL 4	
Data	Function	Data	Function	Data	Function	Data	Function
0~255	Brightness of Red	0~255	Brightness of Green	0~255	Brightness of Blue	0~255	Brightness of White

***Enter or quit DMX mode automatically once detecting valid signal!!!

C-2. Independent Mode:

Light will be entered into independent mode automatically contrller. It will be circled as multicolor changing, single color fading,multicolor fading,multicolor flashing orderly.
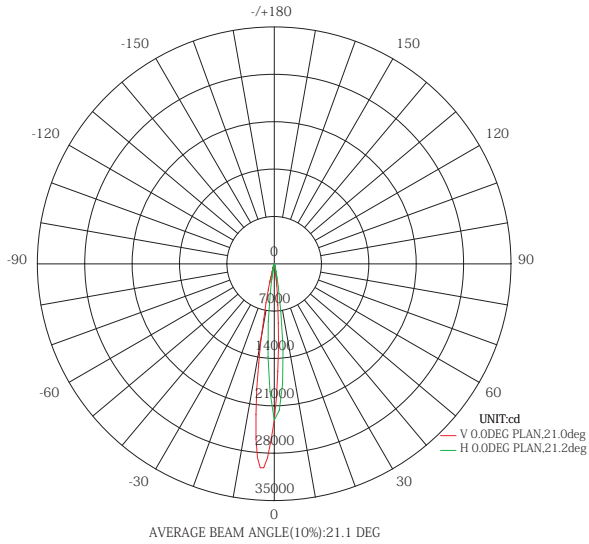
C-3. Master/Slave Mode:

Choose any one light as the master for attaining auto online function,the operations are as below:firstly,set the address of master as 001,others set as slave(address can be any one except 001);Change function of master(001) light,then all lights will work synchronourly.
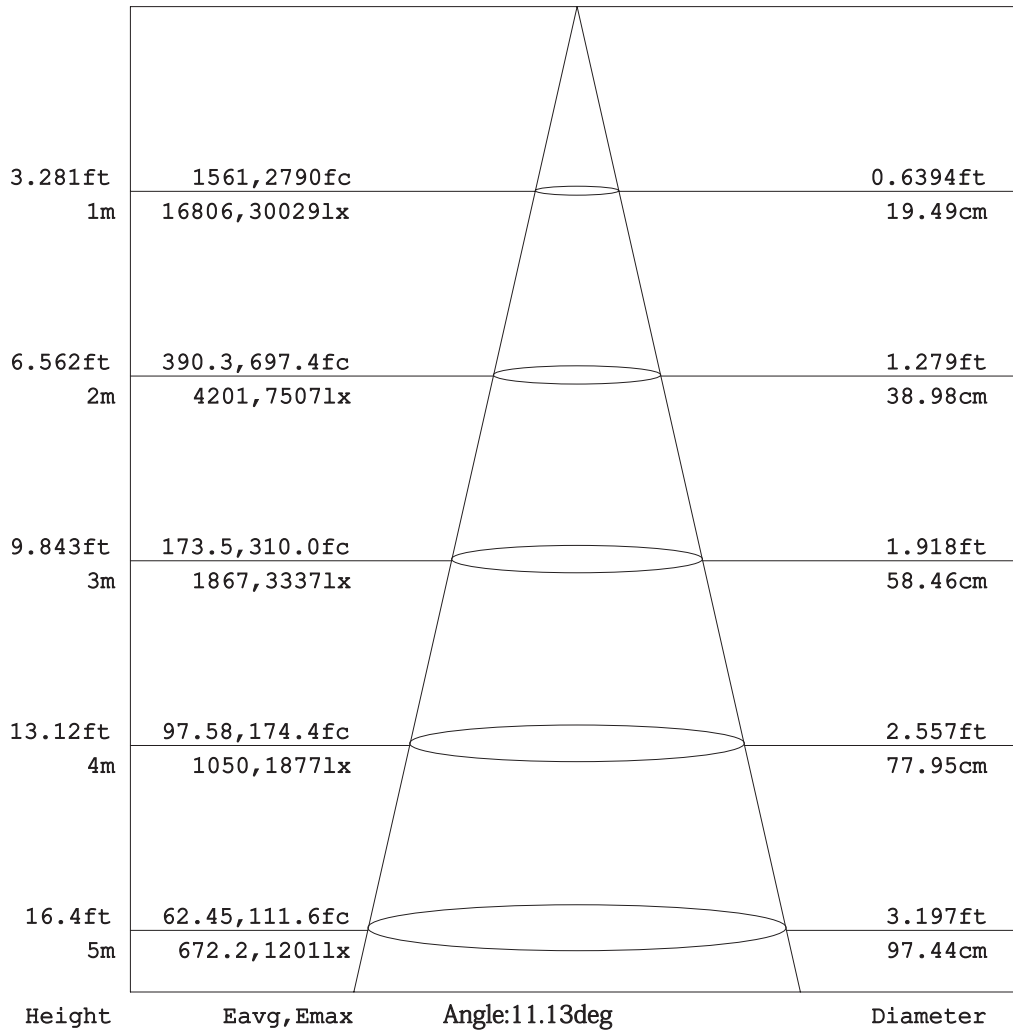
LED SPOT LIGHT

D.Photometric Parameters

D-1. Cadela Distribution

```
                    -/+180
          -150                150

      -120                        120

   -90                              90
                      0
                    7000
                   14000
      -60                        60
                   21000
                            UNIT:cd
                   28000    —— V 0.0DEG PLAN,21.0deg
                            —— H 0.0DEG PLAN,21.2deg
          -30              30
                   35000
                      0
         AVERAGE BEAM ANGLE(10%):21.1 DEG
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VVDSPD12RGBW

D-2. Illuminance At A Distance

Flux out:583.2 lm

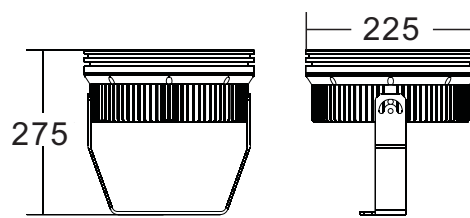| Height	Eavg,Emax		Diameter
3.281ft	1561,2790fc		0.6394ft
1m	16806,30029lx		19.49cm
6.562ft	390.3,697.4fc		1.279ft
2m	4201,7507lx		38.98cm
9.843ft	173.5,310.0fc		1.918ft
3m	1867,3337lx		58.46cm
13.12ft	97.58,174.4fc		2.557ft
4m	1050,1877lx		77.95cm
16.4ft	62.45,111.6fc		3.197ft
5m	672.2,1201lx		97.44cm

Angle:11.13deg

Note:The Curves indicate the illuminated area and the average
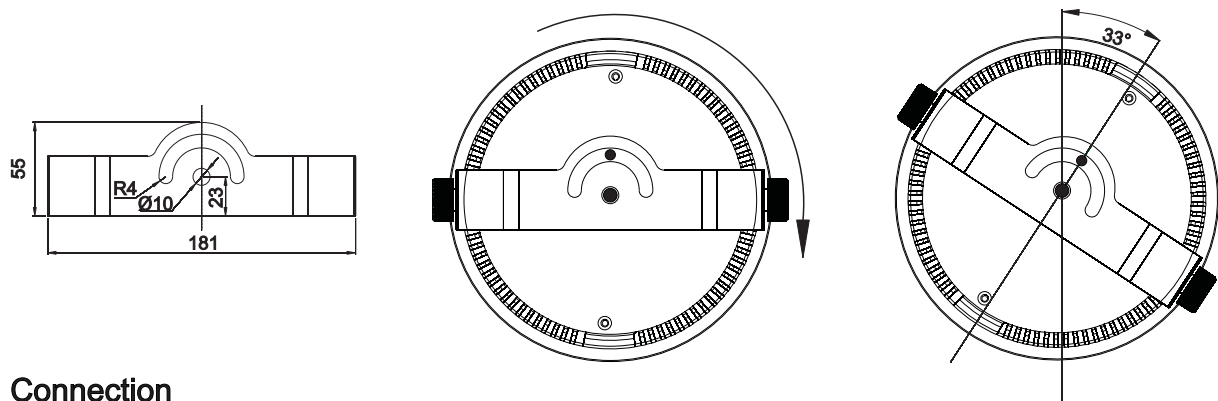illumination when the luminaire is at different distance.

LED SPOT LIGHT

E. Dimension Drawing:

225
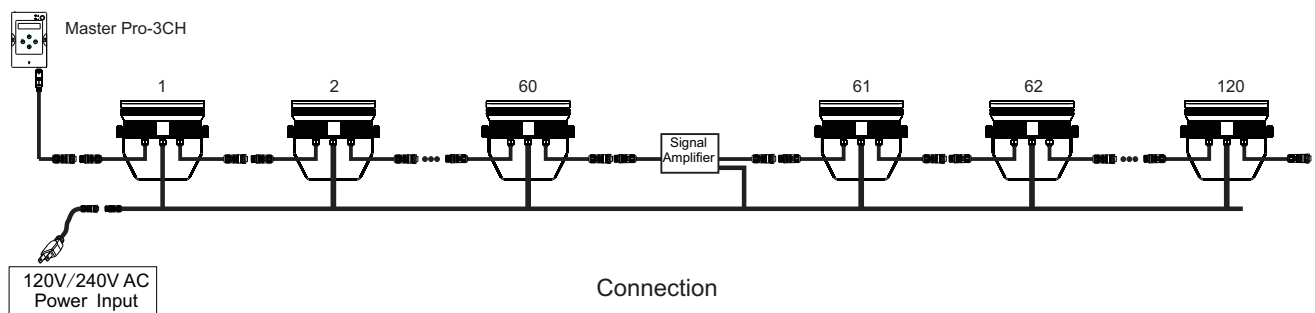
275

SP-R225A -DMX-12P

F. Installation Drawing:

F-1. Fix the brackets's Ø10 installation hole via M8 tapping screw,take Ø10 as a rotating center to regulate the light,then fix the light well on ground via M6 screws in Ø8 installation holes.

55

R4
Ø10
23

181

33°

G. Connection

G-1. Signal Max connection is 100M,every 100m or 60pcs need a signal amplifier.

G-2. Controller for option:DMX controlle, such as Sunlite、Madrix、192console、MASTER PRO.

Master Pro-3CH

1   2   60   61   62   120

Signal
Amplifier

120V/240V AC
Power Input

Connection

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:

* 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.
N'installez pas la lampe dans la zone d'activité de l'éclairage.