EcoLite™
Leader in LED Lighting

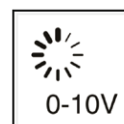| Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

STELLAR RADIANCE FIXTURE

The Stellar Radiance Fixture is an architectural grade family of RGB & RGBW spot lights that provide colorful illumination to any commercial, municipal or institutional building. These fixtures, up to 150W and support DMX512 / RDM, color changing, color tuning, DALI2, and 0-10V controls. DMX can generate various color changing effects, including flashing, fading, steady, and seven color jumping synchronously. DMX256 class gray degree dimmable and DMX programmable. High-quality LED chips are available through EPISTAR, OSRAM, CREE, San'an, and Bridgelux. The fixtures are IP65 or IP66 rated, and cETLus listed.

FEATURES

- Up to 150W
- Controls include: DMX512 / RDM, color changing, color tuning, DALI2, and 0-10V
- DMX can generate various color changing effects, including flashing, fading, steady, and seven color jumping synchronously
- DMX256 class gray degree dimmable and DMX programmable
- RGB and RGBW models available
- cETLus listed
- IK08 impact rated
- IP65 rated
- 100-277VAC

APPLICATIONS

- Building accent lighting
- Landscape
- Signage
- Bridges

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STELLAR RADIANCE FIXTURE

ORDERING INFORMATION

MODEL #	POWER	LUMENS AT FULL POWER	COLORS	LENGTH (INCHES)	BEAM ANGLE (DEGREES)	GROSS-WEIGHT (LBS)	MINIMUM ORDER QUANTITY	US STOCK
ECO-JT-R11-75W-A1+RGB	75W	2,250	RGB	10.6"	15/30/45, 15x55, 20x40	24.3	2	Y
ECO-JT-R11-150W-A2+RGBW	150W	5,000	RGBW	15.7"	15/30/45, 15x55, 20x40	32.0	2	Y
ECO-JT-R11-150W-A3+RGB	150W	3,890	RGB	15.7"	15/30/45, 15x55, 20x40	32.0	2	Y
ECO-JT-R11-75W-B1+RGB	75W	2,250	RGB	10.6"	15/30/45, 15x55, 20x40	24.3	2	Y
ECO-JT-R11-150W-B2-RGBW	150W	5,000	RGBW	15.7"	15/30/45, 15x55, 20x40	32.0	2	Y
ECO-JT-R11-150W-B3+RGB	150W	3,890	RGB	15.7"	15/30/45, 15x55, 20x40	32.0	2	Y

TECHNICAL SPECIFICATIONS

LED Brands	EPISTAR, OSRAM, CREE, San'an, Bridgelux
Lumens	Up to 5,000
Input Voltage	100-277VAC
Operating Temperature	-4° to 104° F
Controls	DMX512 / RDM, color changing, color tuning, DALI2, and 0-10V. DMX can generate various color changing effects, including flashing, fading, steady, and seven color jumping synchronously. DMX256 class gray degree dimmable and DMX programmable.
Power Frequency	50-60Hz
Beam Angles	15/30/45, 15x55, 20x40
Certifications	cETLus, FCC
Housing Material	Aluminum alloy
IP Rating	IP65 or IP66
Warranty	10 years or 50,000 hours non-prorated

*Data is based upon tests performed in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

*IES files provided on request.

CONTROLS

Control Options: DMX512 / RDM, color changing, color tuning, DALI2, and 0-10V. DMX can generate various color changing effects, including flashing, fading, steady, and seven color jumping synchronously. DMX256 class gray degree dimmable and DMX programmable.

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 show **PXY**, press A once, active digital LEDs move backward, you can choose function via **X** and parameter via **Y**; Press B, the corresponding flash digital LED increases one bit (range: 1-9).
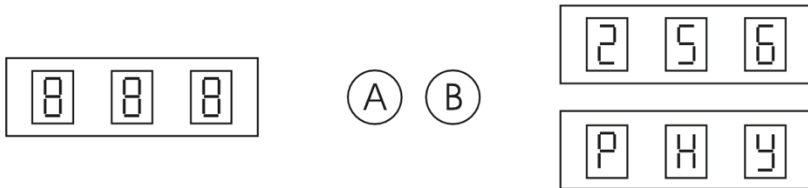
X refers to functions (the value between 1 to b),**Y** refers to value of speed and gray degree for the functions (the value between 1 to 9).When pressing button, please wait for about 10 sec, then you can exit the mode of adjustment function, the digital LED stop flashing and data recorded.

Function and parameter sheet:

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-staic R+G+B	1~9 class gray degree
8-staic 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-autorun	1~9 times circle

DMX Mode:

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).

2. 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

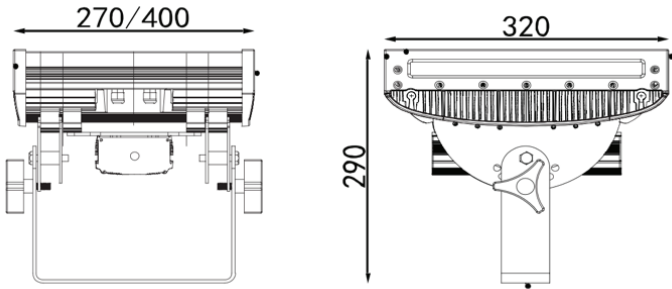***Enter or quit DMX mode automatically once detecting valid signal !!!

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 are set as slave (address can be any one except 001); Change function of the master (001) light,then all lights will work synchronously.
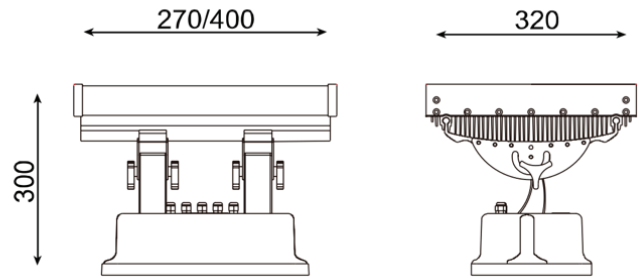
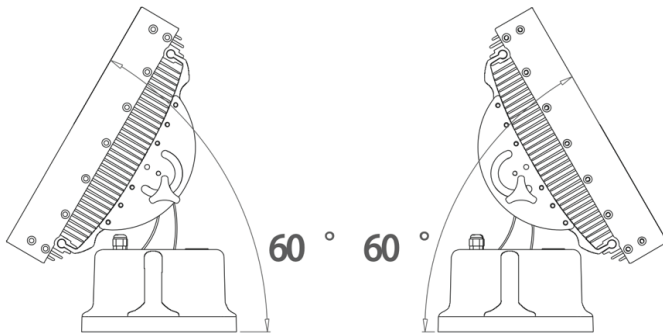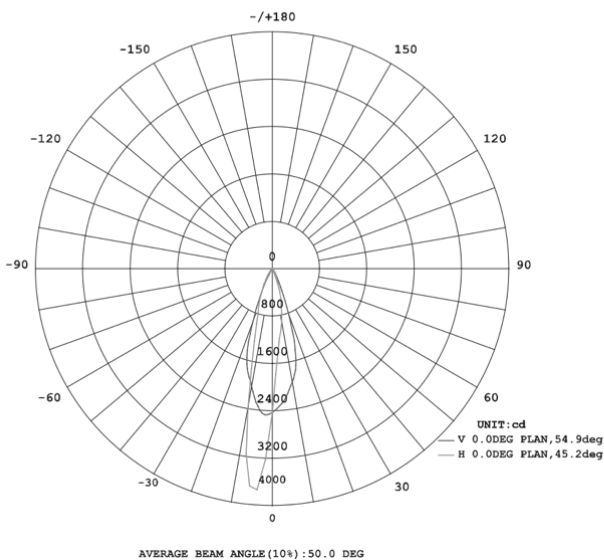# STELLAR RADIANCE FIXTURE

DIMENSIONS

Type A:

270/400

320

290

Type B:

270/400

320

300

120° Rotation:

60 ° 60 °

PHOTOMETRICS

D-1. Cadela Distribution

UNIT:cd
V 0.0DEG PLAN,54.9deg
H 0.0DEG PLAN,45.2deg

AVERAGE BEAM ANGLE(10%):50.0 DEG

D-2.Illuminance At A Distance

Flux out:114.1 lm

Height	Eavg,Emax	Angle:13.17deg	Diameter
3.281ft	223.8,344.4fc		0.7575ft
1m	2409,37081x		23.09cm
6.562ft	55.94,86.11fc		1.515ft
2m	602.2,926.91x		46.18cm
9.843ft	24.86,38.27fc		2.273ft
3m	267.6,411.91x		69.27cm
13.12ft	13.99,21.53fc		3.03ft
4m	150.5,231.71x		92.36cm
16.4ft	8.951,13.78fc		3.788ft
5m	96.35,148.31x		115.45cm

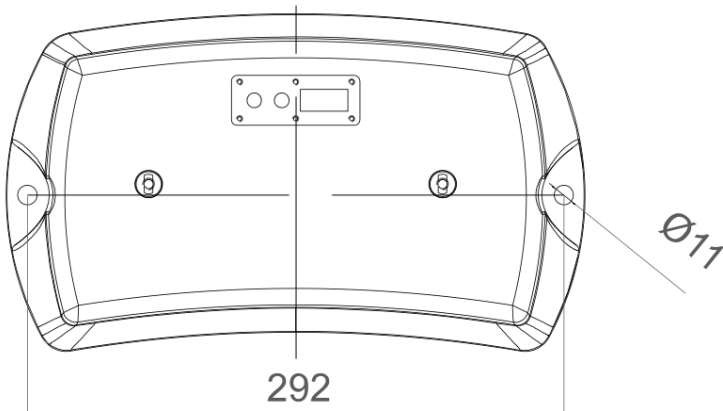Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.
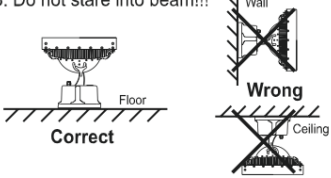

STELLAR RADIANCE FIXTURE

INSTALLATION INSTRUCTIONS

Fix the brackets via M10 bolt,the light is suitable for ground mounting. Size as below:

CAUTION:

1. Heavy products!!!
2. Installation on the floor only!!!
3. Do not stare into beam!!!

Correct

Wrong

Floor

Wall

Ceiling

CONNECTION

1. Signal max connection is 100m, more than 100m or 60pcs fixtures need a signal amplifier.

2. Optional controller: Sunlite, DMX-192C, Madrix and other DMX controller.

DMX Controller

Singal Amplifier

120V/240V