

LED Spot Light

TWILIGHT X8 INSTRUCTION

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 dimmer, DMX programable (thousands of effects, available if many lights being connected together); LFL series is single steady color without any change.

A. Specification:

A-1. Structure:

Material of Shell: Aluminum alloy&Stainless steel

Input Voltage: 100~277V AC

Operating Voltage: 48V DC

Protection Rating: IP65

Operating Temperature: -20°C~40°C



B. Working Mode:

B-1. Independent Mode: Choose the build-in programs via the buttons on the end cover.

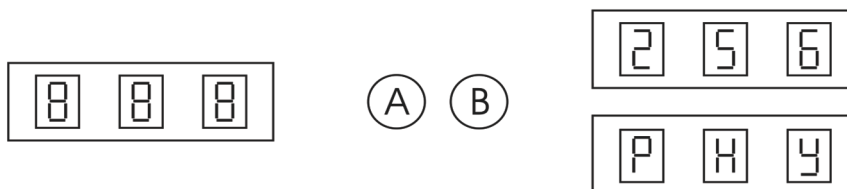
B-2. DMX Mode: International standard DMX 512.

B-3. Master/Slave Mode: Auto online and synchro working.

C. Function & Setup

C-1. 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.

LED Spot Light

4CH 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-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-autorun	1~9 times circle

C-2. 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!!!

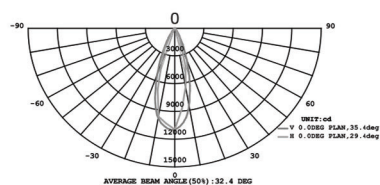
C-3. Master/Slave Mode

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

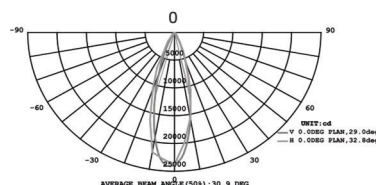
D. Photometric Parameters

D-1. Cadela Distribution

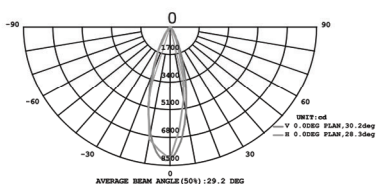
144 LEDS - 500W - 30 Degree



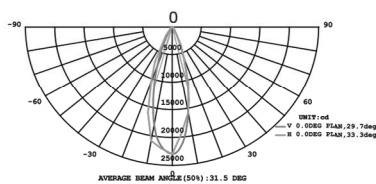
Red



Green



Blue

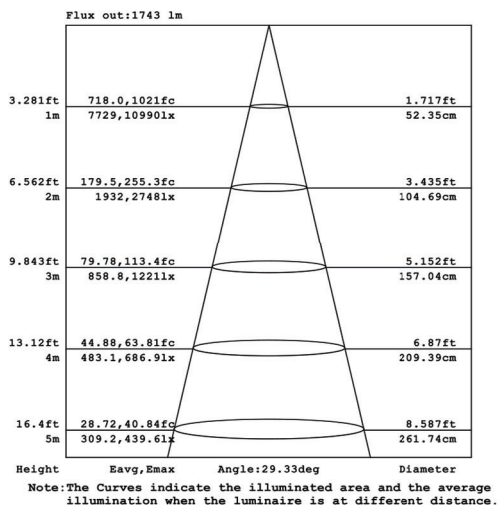


White

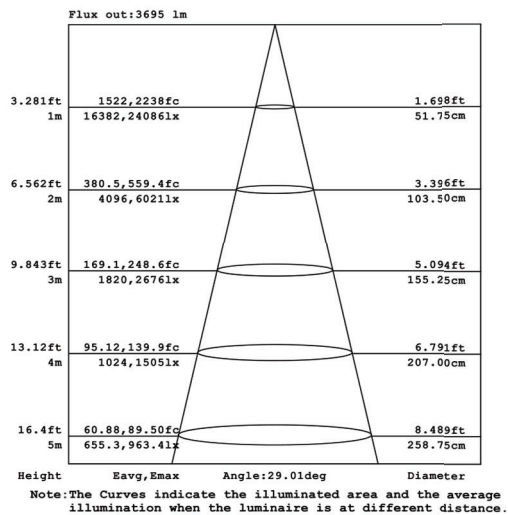
LED Spot Light

D-2. Illuminance At A Distance

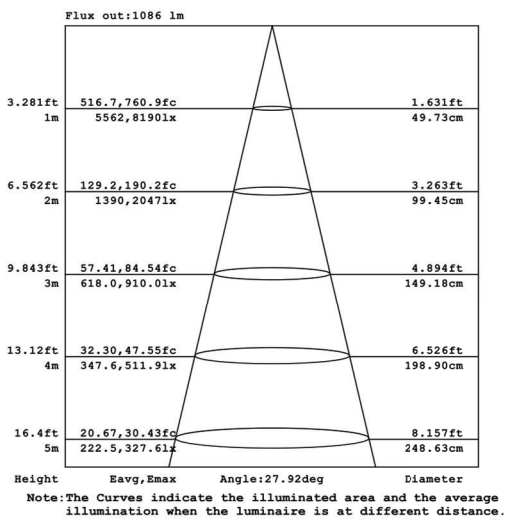
144 LEDS - 500W - 30 Degree



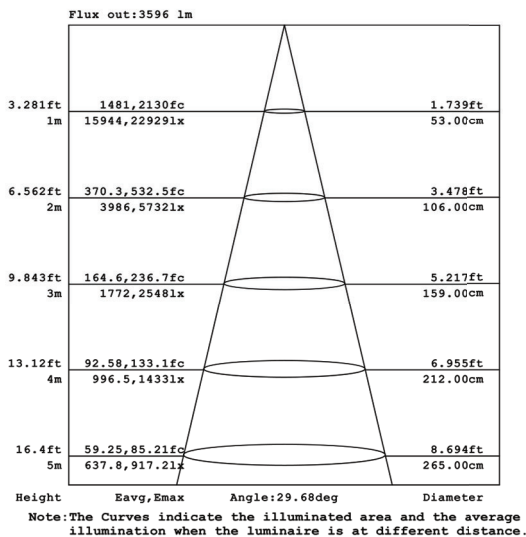
Red



Green

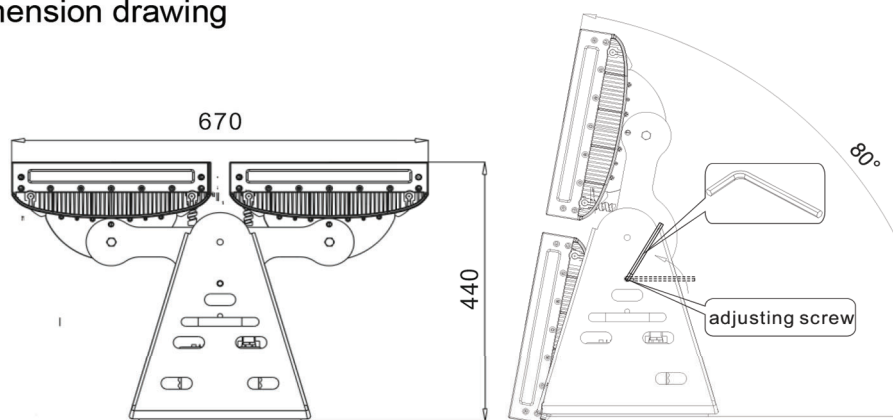


Blue



White

E.Dimension drawing



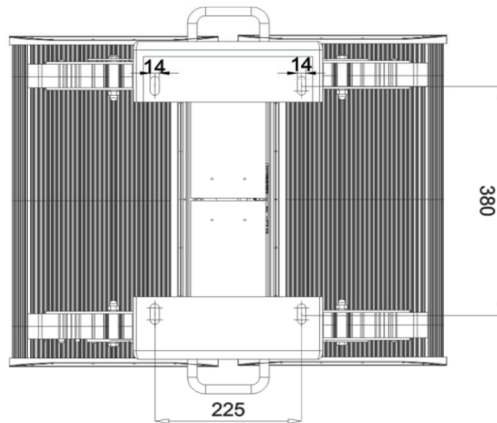
144 LEDS - 500W

(Unscrew the adjusting screws by socket head wrench, then rotating it)

LED Spot Light

F. Installation Drawing

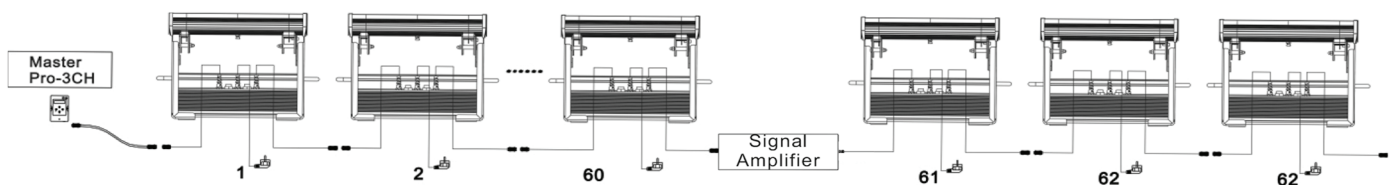
Fix the brackets via M10/M12 tapping screw, mounting size as below:
Fixer les supports via M10/M12 taraudeuse, la taille de montage ci-dessous:



Notice: This model just applies to floor installation, forbidden to high altitude installation!
Important: Ce modèle s'applique seulement à une installation au sol, interdit l'installation de haute altitude!

G. Connection:

- G-1. Signal max connection is 100m, every 100m or 60pcs fixtures need a signal amplifier.
- G-2. Optional controller: MASTER PRO、Sunlite、DMX-192C、Madrix and other DMX controle
- G-1. Signal connexion max est de 100 m, tous les 100 m ou 60pcs appareils ont besoin d'un amplificateur de signal Contrôleur
- G-2. Optional: MASTER PRO, Sunlite, DMX-192C, Madrix et autre contrôleur DMXr.

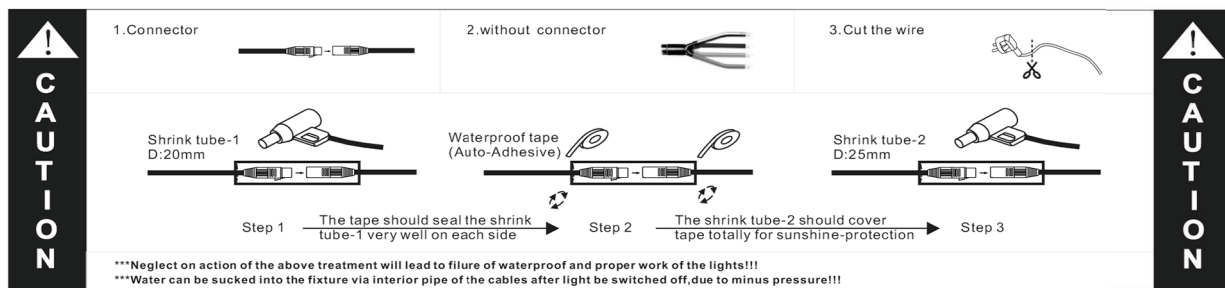


LED Spot Light

H. 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.

Le connecteur de sortie du signal XLR-3 du dernier appareil de chaque série doit être scellé avec un 20mm Stube rétrécissement thermique (-1), souffler et rétrécir avec cheveux séchoirs, de là enveloppé avec du ruban adhésif étanche (auto-adhésif, s'il vous plaît se référer au-dessous de l'instruction pour le fonctionnement) sur les deux côtés; Soufflez le deuxième tube de 25mm de retrait (-2) à durer de manière à protéger la bande imperméable à l'eau sous le soleil et garantir la validité étanche.



*** 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.

Caution:

1. Ne pas les brancher au pouvoir lorsque le produit est toujours en emballage;
2. Ne pas utiliser quoi que ce soit pour couvrir l'appareil lors de l'application;
3. Ne pas utiliser ce produit en étroite environnement;
4. Si ce produit semble endommagé,n'essayez pastoute réparation,s'il vous plaît contactez votre revendeur.

Warning:

- * Négligence sur l'action du traitement ci-dessus conduira à l'échec de imperméable et bon travail des lumières!.
- * Assurez-vous que la connexion à la terre et éviter choc électrique,grâce à un boîtier métallique.
- * Joint de toutes les mises à jour en ip68 joint, ne peut pas être coupé, ou de problèmes de qualité pour eux - mêmes.

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 !