Landscape LED Bullet Flood Light

Date:---------- Location: ----------

Product:----------Project:----------

Quantity:----------Catalog#----------





FEATURES

- Premium bullet-shaped flood landscape lighting for stunning visual effects
- Effortless installation & operation with tunable color temperatures&Wattage of 3000K/4000K/5000K&30W/40W/50W
- Energy-efficient design paired with an extra-long service life
- Soft, uniform illumination that is gentle and safe for the eyes
- Instant-on functionality with zero flickering and no humming noise
- Mercury-free construction for a green and eco-friendly lighting solution

SUITABLE APPLICATIONS

- Outdoor sports venues: basketball courts, tennis courts, badminton courts, football fields
- Campus & public spaces: school playgrounds, stadiums, community leisure plazas
- Industrial areas: warehouses, factories and workshops
- Indoor places: meeting rooms, exhibition halls, gymnasiums, supermarkets and more

CONSTRUCTION:

Heavy-duty die-cast aluminum alloy housing with a bronze powder -coated finish.

ELECTRICAL:

Input Voltage: 120–277V AC
Dimming Function: 0–10V dimmable
Operating Temperature Range: -40℃ to 45℃

OPTICAL SYSTEM:

Lumileds 2835 LED chips for superior luminous efficiency
High-quality tempered PC lens with premium optical performance
38° beam angle for targeted and uniform light distribution

INSTALLATION & MOUNTING

Angle-Adjustable Knuckle Bracket for Easy Mounting

WARRANTY:

5-year limited warranty for guaranteed product reliability
Note: Actual performance may vary depending on the end-user's operating environment and application conditions

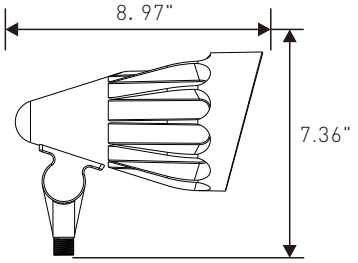
PERFORMANCE

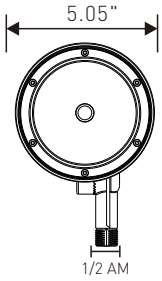
Model NO	Power Factor	Wattage Tunable	Voltage/Current Input		Light Efficiency	Kelvin Tunable
			120V	277V		
LS-FLC50W-XXK	0.9	30/40/50W	0.16/0.33/0.41A	0.11/0.14/0.18A	128LM/W	3000K/4000K/5000K

Electric Characteristic

Specification/Model	LS-FLC50W-XXK		
LED Driver	UL listed BHE Brand		
Input power	30W	40W	50W
Lumens output	3840LM	5120LM	6400LM
Efficiency	128LM/W	128LM/W	128LM/W
CRI	＞80	＞80	＞80
Color Temperature	3000/4000/5000K	3000/4000/5000K	3000/4000/5000K
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	38D	38D	38D
Working temperature	-40+45℃	-40+45℃	-40+45℃
Junction temperature	＜75℃	＜75℃	＜75℃
lamps efficiency	≥90%	≥90%	≥90%
Certificate	ETL CETL DLC	ETL CETL DLC	ETL CETL DLC
Equivalent	50-200W MH/HPS	50-200W MH/HPS	50-200W MH/HPS

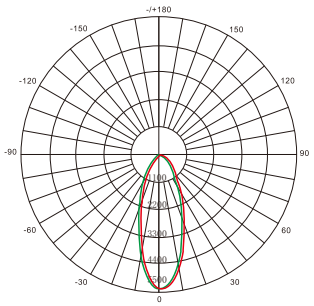
DIMENSION





DISTRIBUTION DIAGRAM

LS-FLC50W-XXK



AVERAGE BEAM ANGLE(50%): 38°

UNIT:CD

C0/180,37.5°
C30/210,40°
C60/240,36°
C90/270,38.5°

Lumens:6400 LM
Test Number:50W
Test Number:5000K

LED Flood Light Instruction

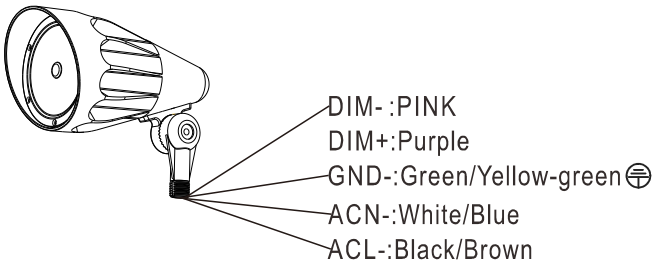
Cautions

1.Do not test the LED light with an electric generator..
2.Please comply with the relevant national, regional and local laws and regulations when installing this fixture.
3.To avoid electric shock and product damage, do not install the lights on rainy days.
4.Please turn off the power supply prior to installation or maintenance. Proper grounding is required to ensure operational safety.

Notices:

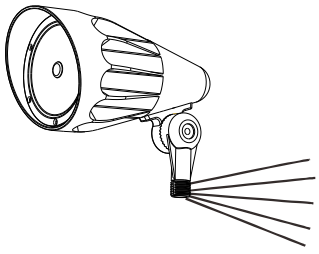
1.To prevent electric shock or fire hazards, installation must be performed by personnel with professional electrical expertise.
2.Please wear protective gloves prior to installation to avoid personal injury.
3.If smoke, wire overheating or fire occurs during or after installation, turn off the power supply immediately and contact qualified professionals for inspection and repair.
4.This luminaire is designed for outdoor installation use.

Wiring Diagram

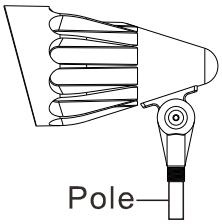


1/2 Adjustable Fitter Mounting (1/2 AM)

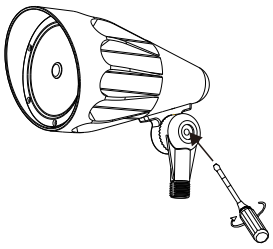
Step1: Take the light out of the package (see Figure 1).
Step2: Complete the wire connection following the correct wiring mode (pay close attention to the distinction of positive wire, negative wire, and ground wire), then thread the wires into the light pole (see Figure 2).
Step3:Loosen the fixing screws, adjust the fixture angle according to actual lighting needs, and then tighten the screws securely.
Tip: The fixture angle is adjustable (see Figure 3).
Step4:Pass the bracket through the mounting surface, fix it firmly with screws, and then connect the wires in accordance with the specified wiring requirements (see Figure 4).
Step4:When mounting on a wall or ceiling with a canopy, seal the gap between the fitting and the mountingsurface to ensure stability and waterproof performance (see Figure 5).



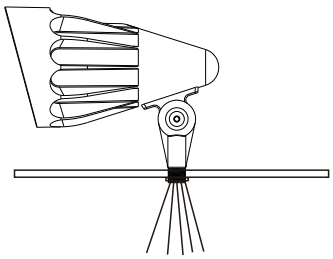
(Figure1)



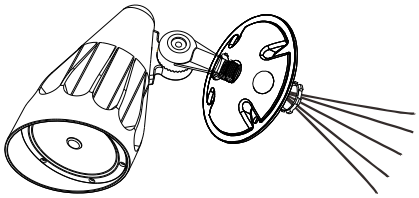
(Figure2)



(Figure3)



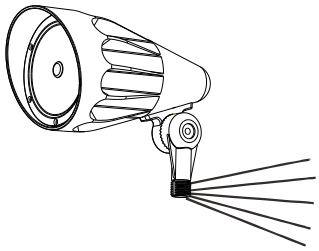
(Figure4)



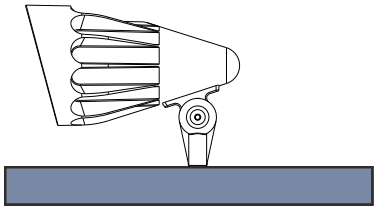
(Figure5)

1/2 Adjustable Fitter Mounting (1/2 AM)
Installation Steps

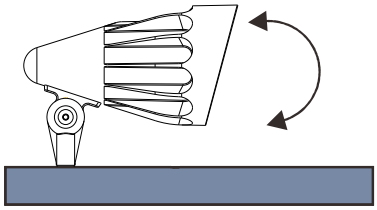
Step1:Take the light out of the package (see Figure 6).
Step2:Complete the wire connection following the correct wiring mode (pay close attention to the distinction of positive wire, negative wire, and ground wire), then thread the wires into the light pole (see Figure 7).
Step3:Loosen the fixing screws, adjust the fixture angle according to actual lighting needs, and then tighten the screws securely.
Tip: The fixture angle is adjustable (see Figure 8).
Step4:Pass the bracket through the mounting surface, fix it firmly with screws, and then connect the wires in accordance with the specified wiring requirements.



(Figure6)



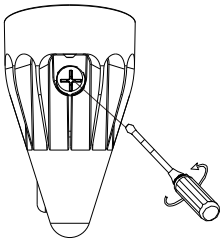
(Figure7)



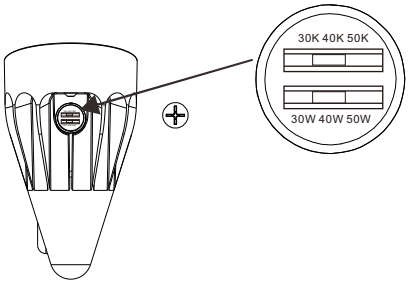
(Figure8)

Function Adjustment (Color Temperature Tuning)

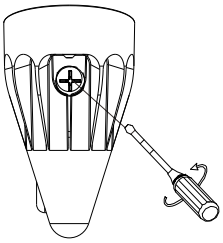
Step1:Open the plastic plug using a screwdriver (see Figure 9). Then slide the CCT adjustment switch left or right to set the desired color temperature (see Figure 10).
Once the preferred color temperature is adjusted, MUST tighten the plastic plug securely to seal it (see Figure 11).



(Figure9)



(Figure10)



(Figure11)