



## LED Barn Light

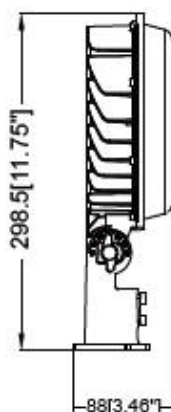
Model : SS-BL02-100/80/60W-H-TCP

### Advantage:

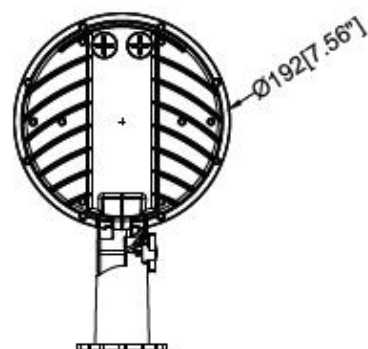
- UL & DLC certificate;
- IP65 Internal driver;
- Adjustable CCT and Power;
- Input voltage 120-277VAC;
- No UV or IR in the beam;
- Easy to install and operate;
- Energy saving, long lifespan;
- Light is soft and uniform, safe to eyes;
- Instant start, NO flickering, NO humming;
- Green and eco-friendly without mercury.

### Application:

Barn, Garage, Front Door, Swimming Pool, etc.



100/80/60W



## Specifications

Product name	LED Barn Light
Part No	SS-BL02-100/80/60W-H-TCP
Dimension	298.5*192*88*mm

## Technical Characteristic

Color temperature	Adjustable CCT:3500K/4000K/5000K
CRI	>70
Lumen	12000LM
Lumen Efficacy	120LM/W
Input Power	Adjustable Power:60W/80W/100W
Viewing Angle	120° Degree
Input Voltage	120-277VAC 50/60Hz
Driver model	China Brand Driver, 0-10V dimmer
Photocell	Yes
Sensor Base	With Motion Sensor Base
PF	>0.9
Waterproof Rating	IP65

## Materials

LED Type	2835
LED QTY	224PCS
Housing	Aluminum(ADC12) +PC
Housing color	Brown

## Others

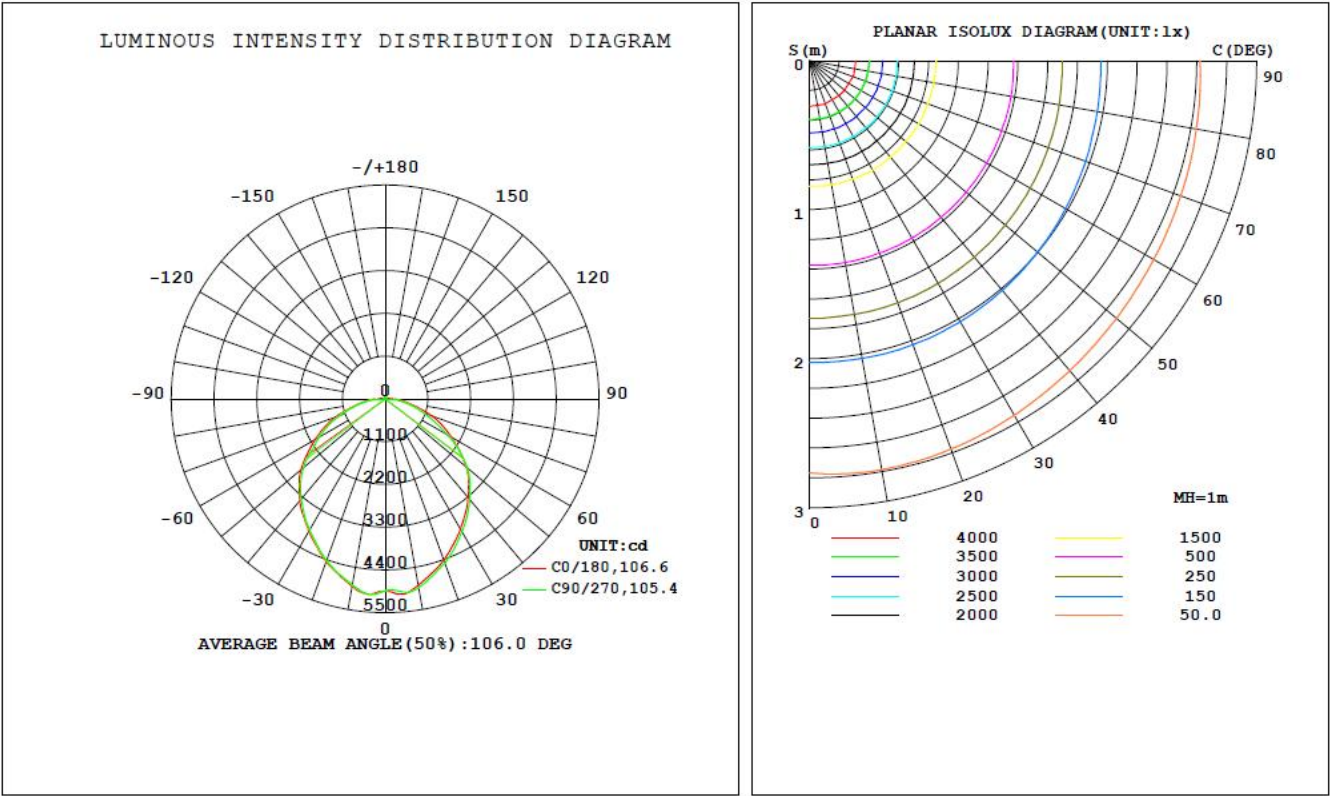
Operating Temperature	-20℃ TO 45℃
Operating Humidity	20%-90% RH
Storage Temperature	-30℃ TO 80℃
Storage Humidity	10%-95%
Application	Outdoor / Indoor
Safety Certification	UL & DLC
Warranty Time	5 Years

Light Distribution Testing Parameters

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.01V I:0.7804A P:93.318W PF:0.9963 Freq:60.01Hz UTHDi:0.44% ITHDi:4.68% KDisp:0.0000 Lamp Flux:13785.2x1 lm		
NAME: SS-BL02-100/80/60W	TYPE: SS-BL02-100W	WEIGHT:
SPEC.: 120-277V	DIM.: 0.192	SERIAL No.:
MFR.:	SUR.: 0.192	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.72 lm/W			
MODEL	SS-BL02-100W	I <sub>max</sub> (cd)	5046	S/MH (C0/180)	1.19
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.18
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	13785	η UP,DN (C0-180)	1.3, 48.2
NOMINAL FLUX (lm)	13785.2	CIE CLASS	DIRECT	η UP,DN (C180-360)	1.6, 49.0
LAMPS INSIDE	1	η up (%)	2.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	97.2	CIBSE SHR MAX	1.35



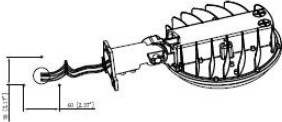
Package

Model	Size	Qty/ Carton	Weight/ Carton
SS-BL02-100/80/60W-H-TCP	420*296*420mm	10	15.1KG

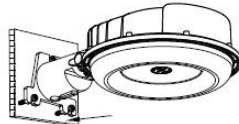
## Installation

### Wall mounting

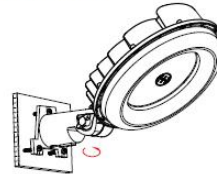
1. Drill holes in the walls and wire them.



2. Lock the barn lights

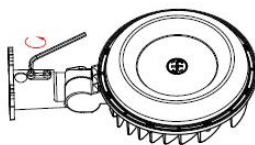


3. Loosen the hand screw, adjust the lamp to the Angle required by the customer, and tighten the hand screw, the installation is complete.

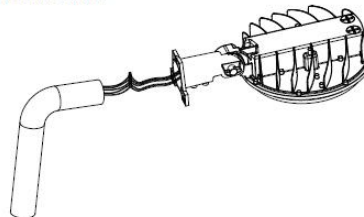


### Pole mounting

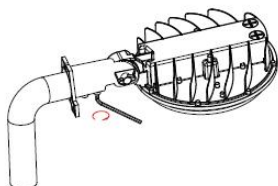
1. Loosen the screws.



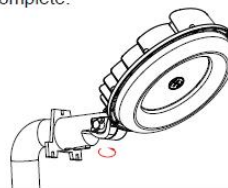
2. Connect the wire.



3. Install the lamp into the lamp pole and tighten the fixing screws.

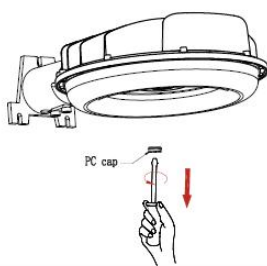


4. Loosen the hand screw, adjust the lamp to the Angle required by the customer, and tighten the hand screw, the installation is complete.

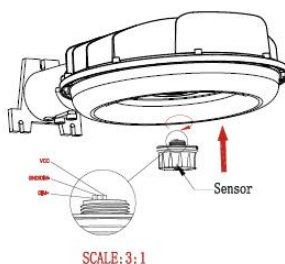


### Plug sensor installation

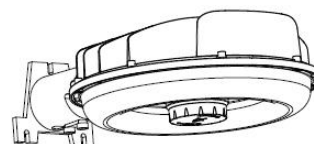
1. Unscrew the PC cap on the lampshade counter-clockwise with a flat-head screwdriver on the lamp which already installed.



2. Screw the sensor clockwise by hands.

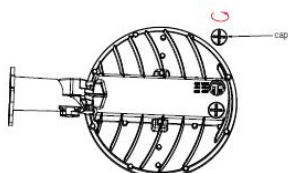


3. After tighten the sensor, Lighting the lamp, if the sensor works well, the installation finish.

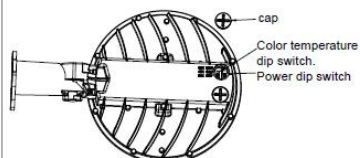


### Function of CCT and power Selective

1. Before installation, unscrew the M25 cap counter-clockwise at the back of the lamp by slot type screwdriver.



2. According to the tags, customer can select the corresponding power and CCT dip switch, dial to the required power (60w/80w/100w) and CCT (35K/40K/50K).



3. After finish the requires power and CCT adjustment, Tighten the M25 cap clockwise by slot type screwdriver.

