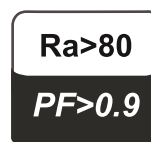


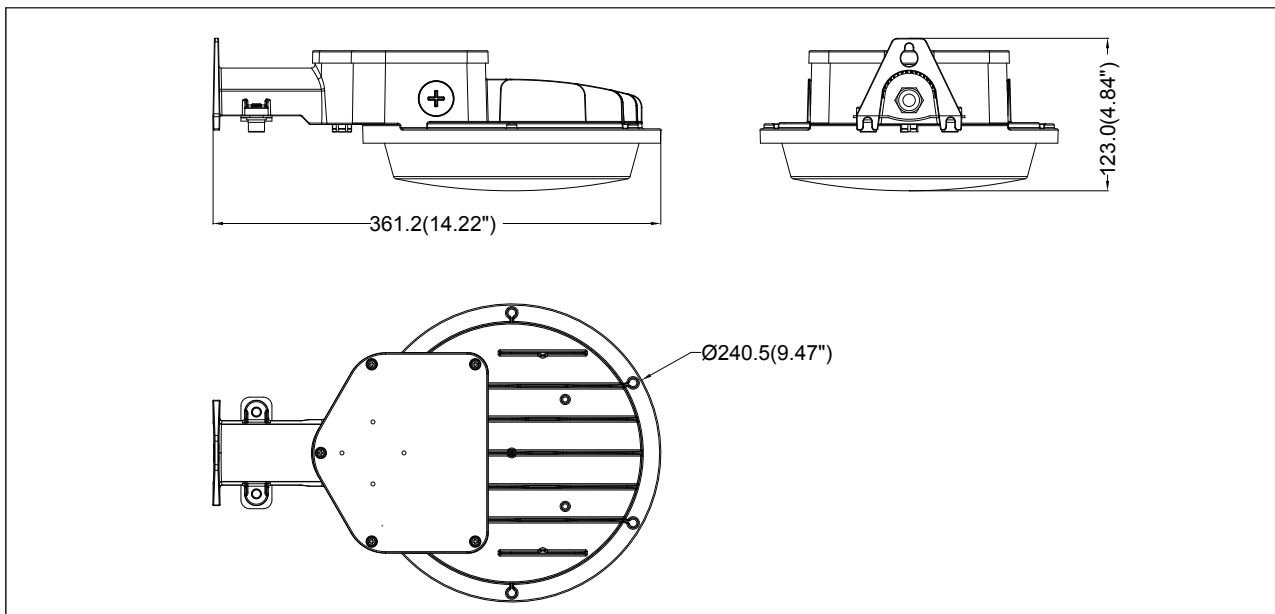
# LED Barn Light Specification



## Product Features

- Simple, clean and stylish appearance.
- Heavy-duty cast aluminum housing, excellent heat dissipation.
- Respiration to maintain the air pressure inside and outside of housing, enhance the fixture reliability and prolong lifespan.
- Perfect application for villa, courtyard, house, side roads, pathways etc.
- CCT & Watt selectable. 3500K/4000K/5000K; 30W-80W.
- Dusk to dawn photocell. Built-in DC12V or external twist in for optional.
- ETL & DLC5.1 premium.
- 0-10V dimming.

## Product Dimension



## Lighting Parameters

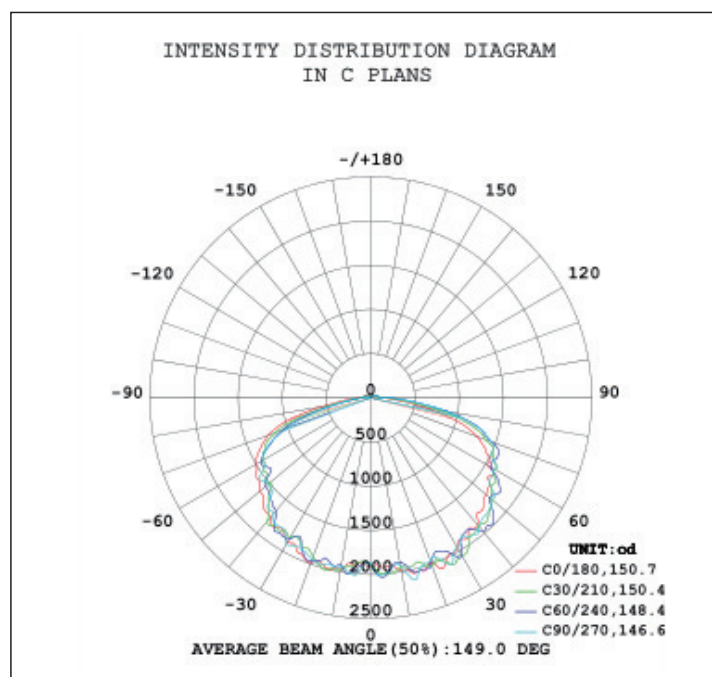
Power	30W	40W	50W 30-40-50W	60W	70W 40-55-70W	80W 40-60-80W
Rate Current	0.275A	0.367A	0.458A	0.55A	0.64A	0.733A
Working Voltage	AC120-277V / AC120-347V					
Beam Angle	150°					
Color Temperature	3500K, 4000K, 5000K ; 3500K/4000K/5000K					
lamp's Luminous Efficiency	120lm/W					
Color Rendering Index	Ra > 80					
Operating Temperature	-40°F ~ +104°F					
Storage Temperature	-40°F ~ +158°F					
Environment Location	Wet Location					
Life-span	≥50000H					
Materials	ADC12					

## Order Model

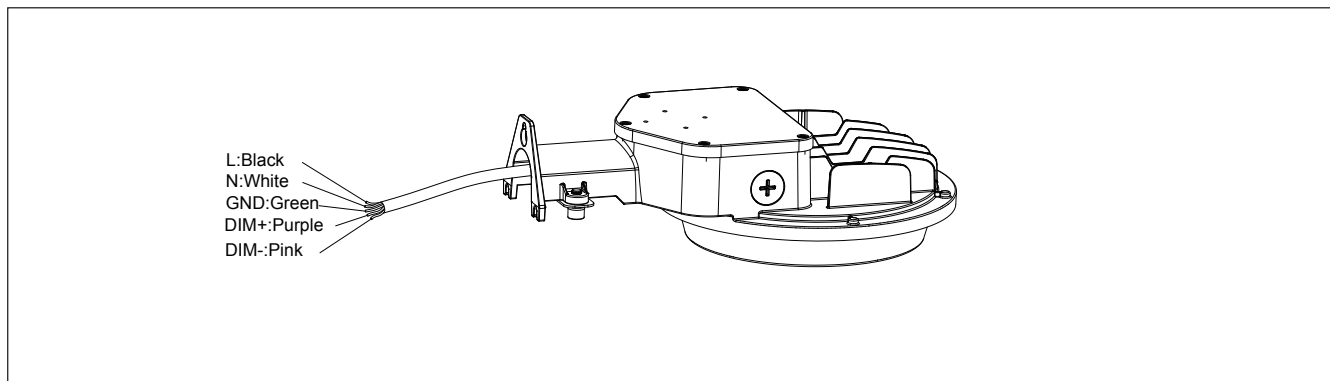
Model	Input Voltage	Frequency	Power	Input Current	CCT
TS-BL0230-30W-X-XXXX(XX)	AC120-277V	50/60Hz	30W	0.275A	3500K、4000K、 5000K ; 3500K/4000K/5000K
TS-BL0240-40W-X-XXXX(XX)			40W	0.367A	
TS-BL0250-50W-X-XXXX(XX)			50W/30-40-50W	0.458A	
TS-BL0260-60W-X-XXXX(XX)			60W	0.55A	
TS-BL0270-70W-X-XXXX(XX)			70W/40-55-70W	0.64A	
TS-BL0280-80W-X-XXXX(XX)			80W/40-60-80W	0.733A	
TS-BL0230-30W-X-MV-XXXX(XX)	AC120-347V	50/60Hz	30W	0.275A	3500K、4000K、 5000K ; 3500K/4000K/5000K
TS-BL0240-40W-X-MV-XXXX(XX)			40W	0.367A	
TS-BL0250-50W-X-MV-XXXX(XX)			50W/30-40-50W	0.458A	
TS-BL0260-60W-X-MV-XXXX(XX)			60W	0.55A	
TS-BL0270-70W-X-MV-XXXX(XX)			70W/40-55-70W	0.64A	
TS-BL0280-80W-X-MV-XXXX(XX)			80W/40-60-80W	0.733A	

“X” can be “H”, “L” or “HY” (Y= any number) to represent lighting effect (not affect power);  
 “XXXX” can be “XXK”, “TC”, “TP” or “TCP”. “XXK” represent CCT, can be any number;  
 “TC” represent CCT selectable, such as 3500K/4000K/5000K; “TP” represent watt selectable, such as  
 40W/60W/80W; “TCP” represent CCT&watt selectable, such as: 40W/60W/80W, 3500K/4000K/5000K.  
 “(XX)” can be (MS), (PT) or (blank), (MS)=motion sensor(DC12V),  
 (PT)=photocell; (blank)=without sensor or photocell( have certification)

## Optical Properties

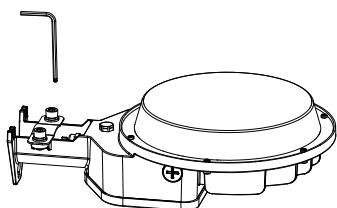


## Wiring Diagram

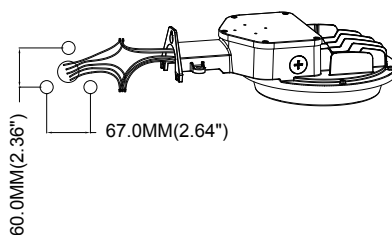


## Wall Mounting Installation

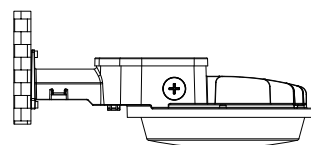
1. Use hex key to loosen two screws, take down install accessory as shown.



2. Base on as shown screws size, use drill to open three holes, drill in expansion bolt. Wiring connection.

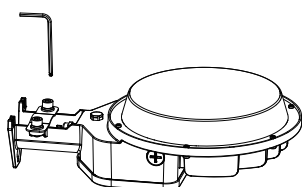


3. Lock in fixture with three screws tightly. Finished installation.

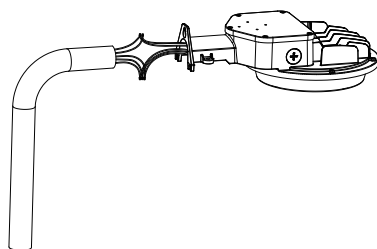


## Arm Mounting Installation

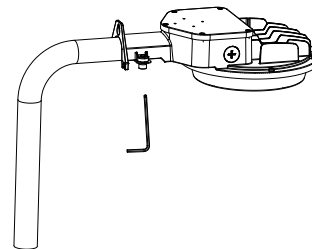
1. Use hex key to loosen two screws, take down install accessory as shown.



2. Wiring connection as shown.

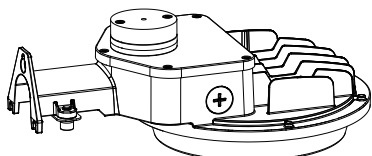


3. Put fixture bracket and arm mounting close together. Use hex key lock screws tightly. Finished installation.

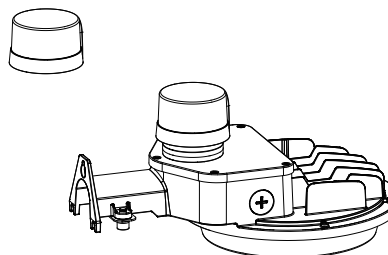


## Photocell Installation

1. Take out fixture from box, rotate and take away shorting cap.

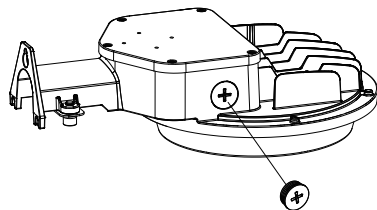


2. Twist in photocell. Finished installation.

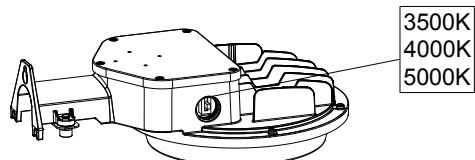


## CCT selectable manual

1. Take off the cap on the side of fixture

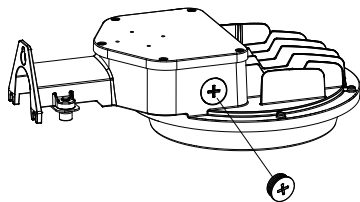


2. Turn on switch. From top to bottom CCT: 3500K, 4000K, 5000K. Then twist in cap tightly.

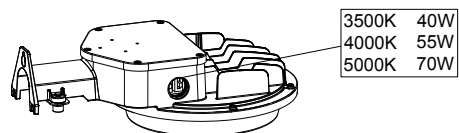


## CCT&Watt selectable manual

1. Take off the cap on the side of fixture.



2. Turn on switch. The left side, from top to bottom CCT: 3500K, 4000K, 5000K. The right side, from top to bottom watt: 40W, 55W, 70W. Then twist in cap tightly.



## Applications



## Packing/Weight

Power	Outer Carton Size (L*W*H)	Qty/Carton (pcs)	Net weight kg/lbs	Gross weight kg/lbs
30W/40W	395*270*180mm (15.55"x10.63"x7.09")	1	1.75/3.85	2.15/4.73
50W/60W	395*270*180mm (15.55"x10.63"x7.09")	1	1.8/3.96	2.2/4.84
70W/80W	395*270*180mm (15.55"x10.63"x7.09")	1	1.85/4.07	2.25/4.95

## Safety Information

1. Using the standard working voltage: AC120-277V/AC120-347V, 50/60Hz.
2. Be sure the power supply is turned off before installation.
3. Switch off power of the mains supply or the connection lead respectively before doing any works.
4. Please note waterproof, dustproof, electricity prevention and shockproof for the external power wires.
5. Be sure the connection between the wires is in good condition when install the lamps, beware of leakage.
6. Please read the specification carefully before installation.
7. The complete installation must be handled by an electrical expert

