



Nothing But LED's Area light is the most economical and newest 2022 model. Our Area light offers high lumens per watt for maximum power savings and rebates from power companies. Our Area light is a perfect solution for lighting parking areas, loading docks, and other general lighting applications.

Product Features

- Up to 160 Lumens per watt
- Input voltage 120-277VAC
- 0-10V Dimmable
- Easy to install and operate
- Optional Screw-in Photocell
- Universal brackets fits most applications
- UL & DLC listed
- 5 Year warranty

LED AREA LIGHT



SKU #	Model #	Watt	Lumens	CCT	Input Voltage	Housing	IP	Dimming	Certifications
1550661	BLT-S-G14B-150WBT3A4-BR10SP50	150W	24000Lm	5000K	120-277V	Bronze	IP65	0-10V	UL & DLC
1550662	BLT-S-G14B-300WBT3A4-BR10SP50	300W	48000Lm	5000K	120-277V	Bronze	IP65	0-10V	UL & DLC
1550663	BLT-S-G14B-300WBT3A4-GR10SP50	300W	48000Lm	5000K	120-277V	Grey	IP65	0-10V	UL & DLC

SKU Number 1550661 Specifications

Parameter	Description	Value
General Performance	Model #	BLT-S-G14B-150WBT3A4-BR10SP50
	Wattage	150W
	Lumen	24000LM
	Lumen Efficacy	Up to 160LM/W
	Color Temperature	5000K
	CRI (Ra)	>80
	Beam Angle	155° x 90° (Type III)
Electrical	Input Voltage	120-277Vac
	Frequency	50/60Hz
	Dimming	0-10V Dimmable
	Power Factor	≥0.9
	Driver Surge Protection	L/N-PE: 4kV, L-N: 4kV
	Flicker Percent	≤70%
Physical	Operating Temperature	Motion Sensor: -40°C TO 45°C; With DC Motion Sensor: -30°C TO 45°C
	Operating Humidity	10%-90% RH
	Storage Temperature	-40°C To 85°C
	Storage Humidity	5% - 95% RH
	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	322 Pcs
	Housing	Die-cast aluminum
Housing Color	Bronze	
Qualification	IP Rating	IP65
	Warranty	5 Year

SKU Number 1550662

Specifications

Parameter	Description	Value
General Performance	Model #	BLT-S-G14B-300WBT3A4-BR10SP50
	Wattage	300W
	Lumen	48000LM
	Lumen Efficacy	Up to 160LM/W
	Color Temperature	5000K
	CRI (Ra)	>80
	Beam Angle	155° x 90° (Type III)
Electrical	Input Voltage	120-277Vac
	Frequency	50/60Hz
	Dimming	0-10V Dimmable
	Power Factor	≥0.9
	Driver Surge Protection	L/N-PE: 4kV, L-N: 4kV
	Flicker Percent	≤70%
Physical	Operating Temperature	Motion Sensor: -40°C TO 45°C; With DC Motion Sensor: -30°C TO 45°C
	Operating Humidity	10% -90% RH
	Storage Temperature	-40°C To 85°C
	Storage Humidity	5% - 95% RH
	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	644 Pcs
	Housing	Die-cast aluminum
Housing Color	Bronze	
Qualification	IP Rating	IP65
	Warranty	5 Year

LED AREA LIGHT

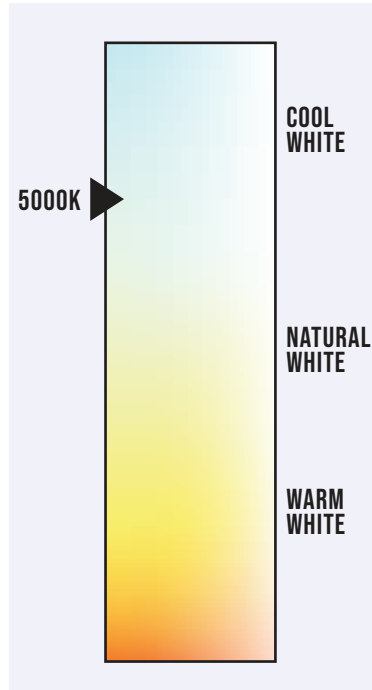


SKU Number 1550663

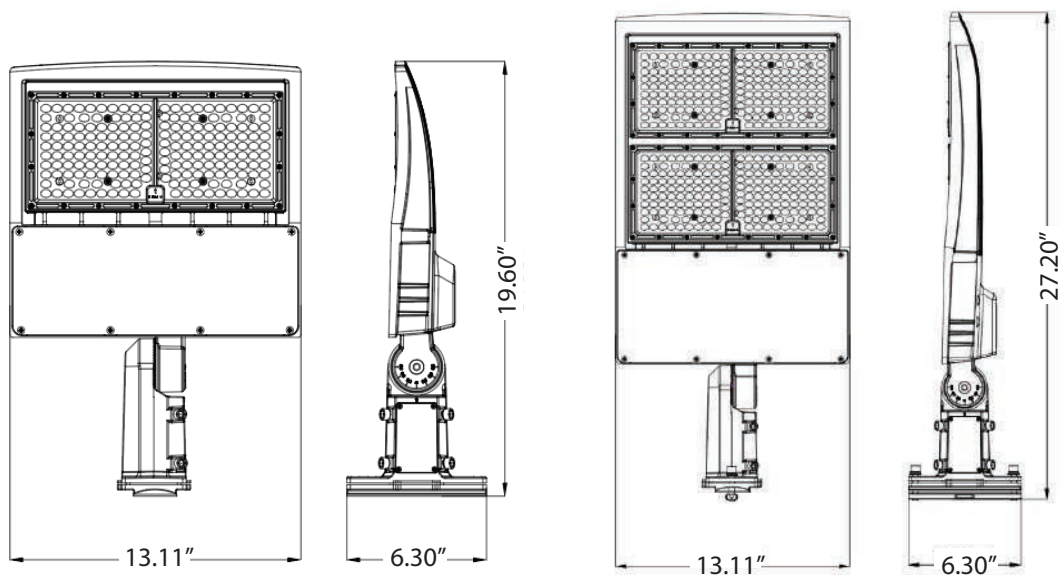
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Housing Color	Grey	
Qualification	IP Rating	IP65
	Warranty	5 Year

Correlated Color Temperature (CCT)



Dimensions



Installation

Cautions:

1. Can not use the electric generator to test the LED light .
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. To avoid electrical shock and damage, please do not install the lights in raining days.

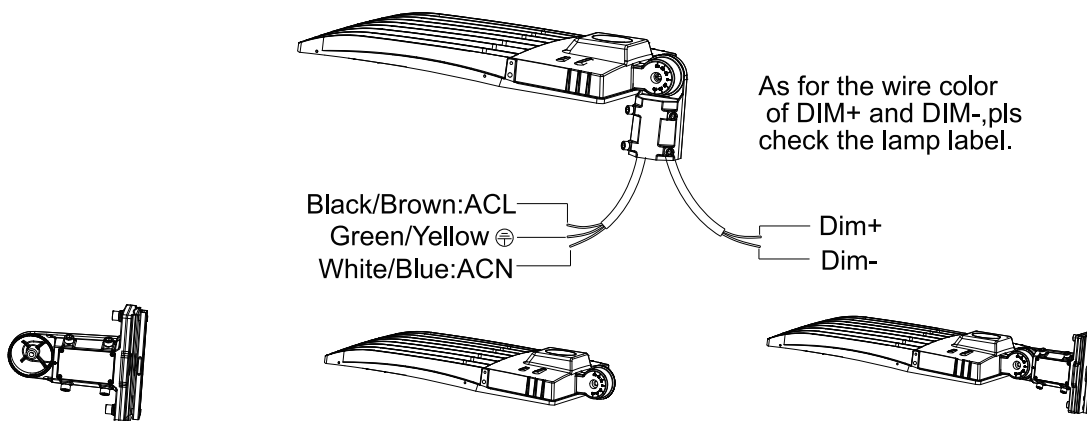
Notices:

1. To prevent from electric shock or fire risk, the installation must be conducted by operator who have professional electrical knowledge.
2. Please wear gloves to avoid injury before installing lights.
3. During or after installation, if there are situations such as smoke, fire in the wires or lights, please turn off the power immediately and notify relevant personnel of an overhaul.
4. This light can be used for outdoor installation.

Instructions:

1. This product has dimming function.
2. 3 dimming functions are available in this shoebox light:
 - (1). Constant current can be achieved by dimming, 1-10V dimming @ 120-277V, 0-10V dimming
 - (2). PWM signal dimming.
 - (3). Variation of resistance unit dimming(Please choose the appropriate dimming way according to your needs. You can also choose not to use this function).
3. Choose the wire connection ways, dimming ways and installation ways according to your needs and the led fixture purchased.

Wiring Diagram:



3. ADJUSTABLE FITTER MOUNTING & DIRECT MOUNTING (e=A&D)

Step 1: Remove the bracket mounting screws on the fixture,open the side lid of bracket and run the wires through the bracket. (Figure 5)

Step 2: Install the bracket on the fixture, then cover the side lid and tighten it . (Figure6)

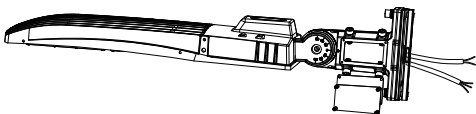


Figure 5

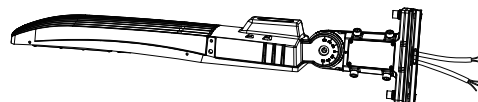


Figure 6

Installation

3. ADJUSTABLE FITTER MOUNTING & DIRECT MOUNTING (e=A&D)

3.1 ADJUSTABLE FITTER MOUNTING

Step 1: Remove the spare parts from A&D bracket. (Figure 14)

Step 2: Loosen the four bolts on A&D bracket, connect the wires correctly, and pull the wires into the poles. (Figure 15)

Step 3: Place the bracket into the pole and lock the four bolts. (Figure 15)

Notice: Adjustable angle is 0-90° (Figure 15)

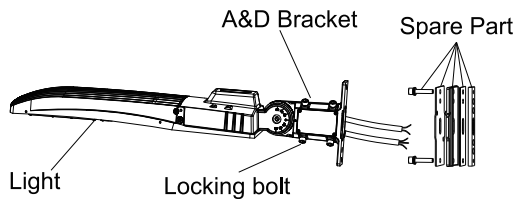


Figure 14

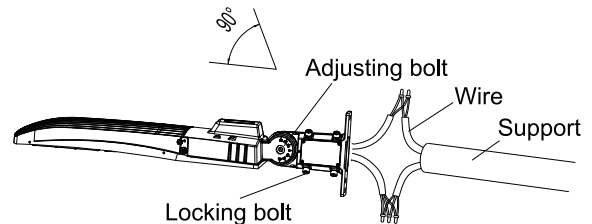


Figure 15

3.2 DIRECT MOUNTING

Step 1: Remove the four bolts from A&D bracket, remove the four rubber plugs from installation bar, put the four rubber plugs on the place where the four bolts were previously placed on the bracket for waterproof purpose (Figure 16)

Step 2: Fix A&D bracket to square pole with bolt, open the cover of A&D bracket junction box, pull the wire into bracket junction box, connect the wire properly and cover the junction box. (Figure 17)

Notice: Adjustable angle is 0-90° (Figure 17)

Same as round pole installation, please remember to use the adapting plate for round pole installation (Figure 18)

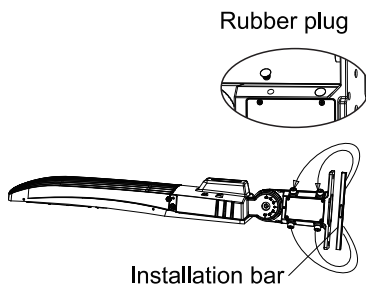


Figure 16

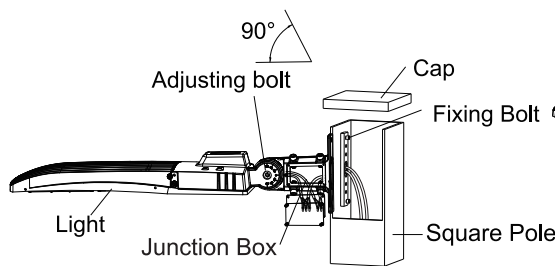


Figure 17

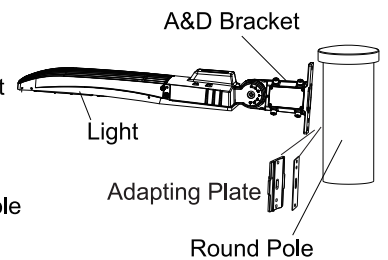


Figure 18

4. FLOOD MOUNTING (e=FM)

Install the mount to the fixture, tighten the mount and install the screws.

Connect the fixture to the bracket and tighten the screws; connect the wires properly and put them into junction box (Figure 19)

Installation

Standard wire:
L/live wire: Black\Brown;
N/null wire: White\Blue;
Ground wire: Green\Yellow-green.

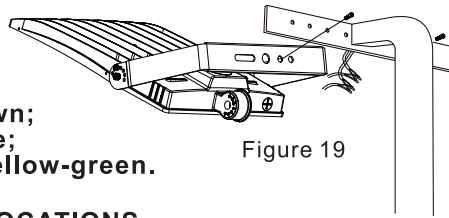
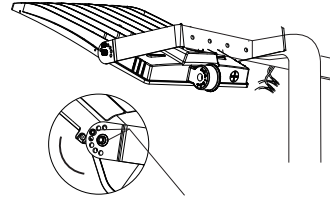


Figure 19



Loosen the angle to adjust the screw, after adjust to the angle that you need, then tighten the screws.

SUITABLE FOR WET LOCATIONS
MIN 75 °C SUPPLY CONDUCTORS, CAUTION - RISK OF FIRE
SUITABLE FOR OPERATION IN AMBIENT NOT EXCEEDING 50°C
INSTALL PHOTOCONTROL OR SHORTING PLUG.

CONVIENT AUX EMPLACEMENTS MOUILLÉS
LES FILS D'ALIMENTATION 75 °C MIN, ATTENTION – RISQUE D'INCENDIE.
PEUT ÊTRE UTILISÉ À UNE TEMPÉRATURE AMBIANTE N'EXCÉDANT PAS 50 °C
INSTALLER UNE CELLULE PHOTOÉLECTRIQUE OU UNE PRISE COURT-CIRCUITANTE.

Instructions for Motion sensor(Figure 20)

Technical data	
Operating voltage	12±2V DC
Operating current	30mA
Output	DIM 0-10V
Stand-by power	<0.5W
Brightness	0%-100%/Quick setting:70%/80%/90%/100%
Sensitivity	20%/50%/75%/100%
Hold time	10s/1min/10min/30min
Daylight threshold	10Lux/30Lux/50Lux/100Lux/Disable
Stand-by time	1min/30min/60min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.5mW
Detection angle	150° (wall mounted) 360° (ceiling mounted)
Control line	White/Balck:+12V; Purple:DIM+; Pink:GND/DIM-
Mounting height	Max.15m(ceiling mounted)
Detection range	Max.ø15m(ceiling mounted) Max.20m(wall mounted)
Operating temperature	-30°C~+60°C
IP rating	IP20

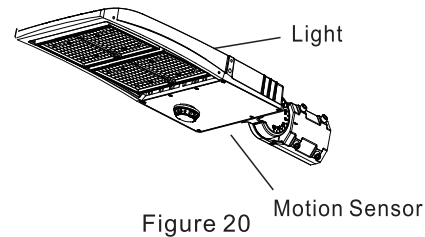


Figure 20

Note:
 Default setting: Brightness:100%, Hold time:1min, Stand-by dimming level:20%, Stand-by time:1min,
 Sensitivity:100%, Daylight:Disable.

Installation

Instructions for PIR sensor(Figure 21)

Technical data	
Operating voltage	12±2V DC
Operating current	30mA
Output	DIM 0-10V
Stand-by power	<0.5W
Brightness	0%-100%/Quick setting:70%/80%/90%/100%
Sensitivity	20%/50%/75%/100%
Hold time	10s/1min/10min/30min
Daylight threshold	10Lux/30Lux/50Lux/100Lux/Disable
Stand-by time	1min/30min/60min/+∞
Stand-by dimming level	10%/20%/30%/50%
Detection angle	30-120°
Control line	White/Balck:+12V; Purple:DIM+; Pink:GND/DIM-
Mounting height	Max. 6 m(ceiling mounted)
Detection range	Max.∅ 8m(ceiling mounted) Max.6m(wall mounted)
Operating temperature	-30°C~+60°C
IP rating	IP20

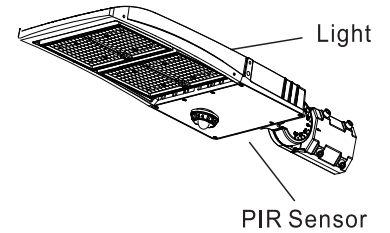


Figure 21

Note:

Default setting: Brightness:100%, Hold time:1min, Stand-by dimming level:20%, Stand-by time:1min, Sensitivity:100%, Daylight:Disable.

Instructions for Photocell

When the photocell function is required, photocell should be installed on the back of lamp; When it's not required, shorting cap should be installed on the back of light.(Figure 22)

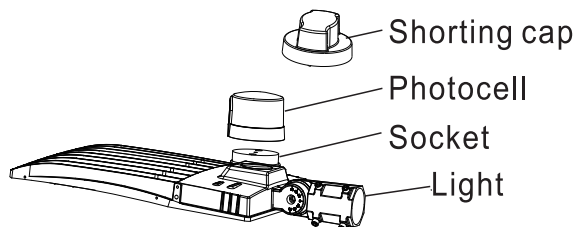
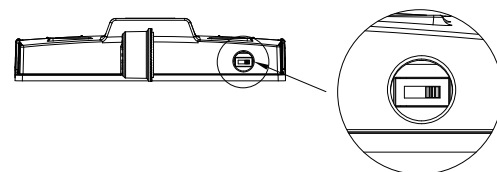


Figure 22



(Figure 23)

LED AREA LIGHT



Package

SKU #	Carton (Inch)	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
1550661	22.24 x 15.15 x 6.10	1	10.14 LBS	11.90 LBS
1550662	29.52 x 15.15 x 6.10	1	14.33 LBS	17.20 LBS
1550663	29.52 x 15.15 x 6.10	1	14.33 LBS	17.20 LBS

Application Images



Application Images



Warranty

5 Year Warranty