NOTHING BUT LEDS

LED FLOOD LIGHT

Nothing But LED's Flood light is the newest design for 2023 and comes with adjustable CCT and built-in photocell which makes this product very unique. Our flood light is ideal to replace Halogen lamps and comes with U-Bracket, optional Knuckle and Yoke mount. This flood light is an extremely cost-effective solution, great for illuminating yards, driveways, signage and security applications.

Product Features

Up to 136 Lumens per watt

CCT Adjustable 3000K / 4000K / 5000K

Beam Angle 150° Degree

Standard U Bracket Mount

Input Voltage 120-277Vac

Heat resistant polycarbonate optical lens

IP65 Rated

UL & DLC listed

5 Year warranty

LED FLOOD LIGHT

SKU #	Model #	Watt	Lumens	CCT Adjustable	Housing	Input Voltage	Type	Certifications
1560786	BLT-FL06E-50WBH8DA1-BRFM30/40/50	50W	6800Lm	3K/4K/5K	Bronze	120-277V	U-Bracket	UL & DLC
1560254	BLT-FL06E-80WBH8DA1-BRFM30/40/50	80W	10880Lm	3K/4K/5K	Bronze	120-277V	U-Bracket	UL & DLC

SKU #. 1560786   Specifications

Parameter	Description	Value
General Performance	Model #.	BLT-FL06E-50WBH8DA1-BRFM30/40/50
	Wattage	50W
	Lumen	Up to 6800LM
	Lumen Efficacy	Up to 136LM/W
	Color Temperature	3000K / 4000K / 5000K
	CRI (Ra)	>80
	Beam Angle	150° Degree
	Input Voltage	120-277Vac
	Frequency	50/60Hz
Electrical	Optional Accessory	Surge protector
	PF (Tolerance: -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Driver Model	NBL Driver
	Driver Surge protection	L/N-PE: 2.5kV, L-N: 2.5kV
	Operating Temperature	-30°C to 45°C
	Storage Temperature	-40°C to 80°C
	Operating Humidity	20% - 90% RH
	Storage Humidity	20% - 95% RH
Physical	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	80 PCS*2
Qualification	Housing	Die-cast aluminum
	Housing Color	Bronze
	IP Rating	IP65
	Warranty	5 Year

LED FLOOD LIGHT

SKU #. 1560254 — Specifications

Parameter	Description	Value
General Performance	Model #.	BLT-FL06E-80WBH8DA1-BRFM30/40/50
	Wattage	80W
	Lumen	Up to 10880LM
	Lumen Efficacy	Up to 136LM/W
	Color Temperature	3000K / 4000K / 5000K
	CRI (Ra)	>80
	Beam Angle	150° Degree
	Input Voltage	120-277Vac
	Frequency	50/60Hz
Electrical	Optional Accessory	Surge protector
	PF (Tolerance: -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Driver Model	NBL Driver
	Driver Surge protection	L/N-PE: 2.5kV, L-N: 2.5kV
	Operating Temperature	-30°C to 45°C
	Storage Temperature	-40°C to 80°C
	Operating Humidity	20% - 90% RH
	Storage Humidity	20% - 95% RH
Physical	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	128 PCS*2
Qualification	Housing	Die-cast aluminum
	Housing Color	Bronze
	IP Rating	IP65
	Warranty	5 Year

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Correlated Color Temperature (CCT)

COOL WHITE

NATURAL WHITE

WARM WHITE
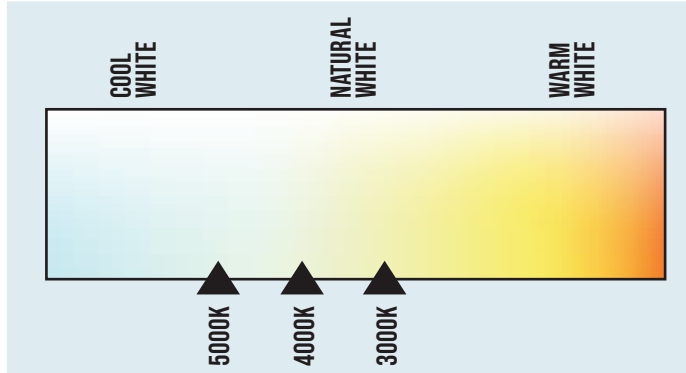
5000K 4000K 3000K

Adjustable CCT Button: 3000K/4000K/5000K

Dimensions

8.07"
7.20"
1.89"
5.24"
7.20"

9.37"
8.46"
1.96"
6.10"
8.07"

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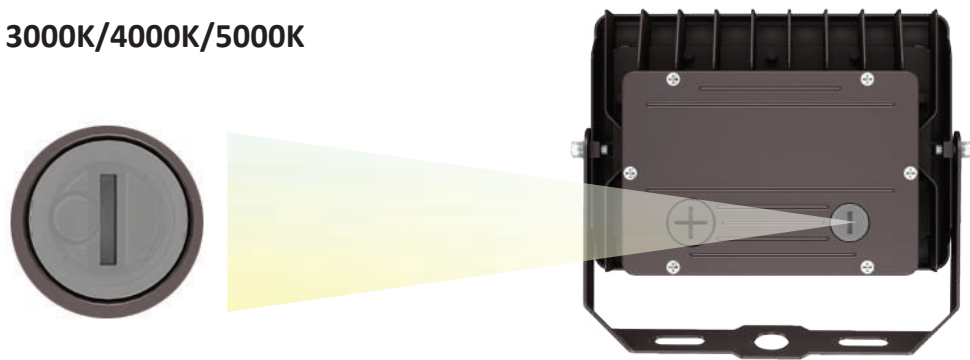
LED FLOOD LIGHT
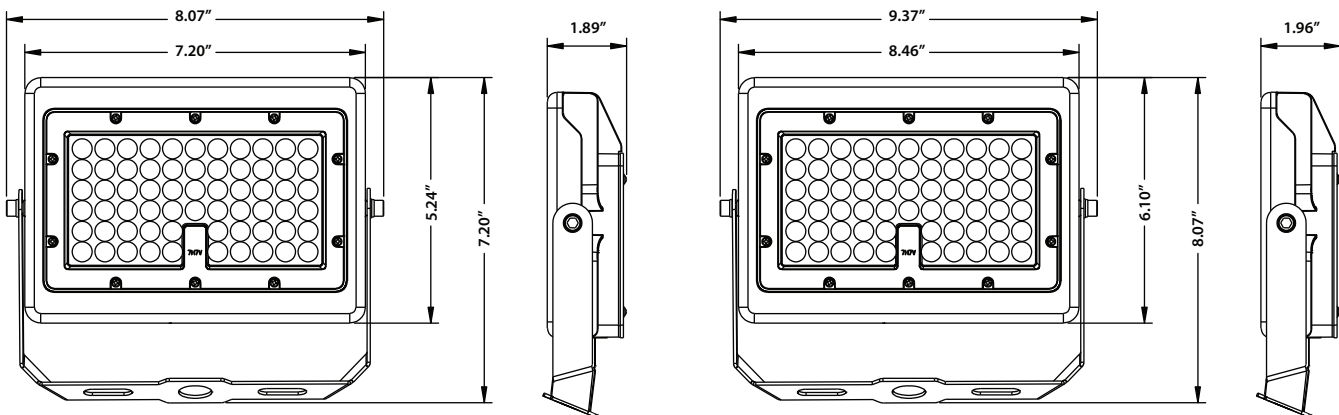
LED FLOOD LIGHT

Photometric Data	Specifications

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

-/+180
-150   150
-120   120
-90   90
0
500
1000
-60   1500   60
2000
UNIT:cd
-30   2500   30
C0/180
0   58.9,58.3
AVERAGE BEAM ANGLE(50%):114.9 DEG C30/210
58.9,59.3
C60/240
57.3,57.8
C90/270
54.4,54.5

MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C180
C210   C150
C240   C120
C270   0   C90
500
1000
C300   1500   C60
2000
C330   2500   C30
C0
HOUSE SIDE   Max @ □ = 15.0DEG STREET SIDE

LED FLOOD LIGHT

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Photometric Data

Polar Candela Distribution

	180° 170° 160° 150° 140°
3.600	
3,000	130°
2.400	
1,800	120°
1.200	110°
600	100°
CD: 0	90°
600	80°
1,200	70°
1.800	60°
2,400	50°
3.000	
3.600	
VA: 0° 10° 20° 30° 40°	

- ■ - Max Cd: 157.5° H
- ■ - 0° H
- ■ - 90° H
- ■ - 22.5° H
- ■ - 45° H
- ■ - 67.5° H

Illuminance at a Distance

	Center Beam fc	Beam Width	
17.0ft	12.01 fc	45.3 ft	51.7 ft
34.0ft	3.00 fc	90.7 ft	103.5 ft
51.0ft	1.33 fc	136.0 ft	155.2 ft
68.0ft	0.75 fc	181.3 ft	206.9 ft
85.0ft	0.48 fc	226.7 ft	258.6 ft
102.0ft	0.33 fc	272.0 ft	310.4 ft

- ■ Vert. Spread: 106.3°
- ■ Horiz. Spread: 113.4°

Isofootcandle Plot

6 5 4 3 2 1 0 1 2 3 4 5 6

House Side

Type I
Type II
Type III
Type IV

Very Short | Short | Medium | Long

Street Side

- ■ 20 fc
- ■ 10 fc
- ■ 5 fc
- ■ 2.5 fc
- ■ 1 fc
- ■ 0.5 fc
- ■ 0.2 fc
- ■ 0.1 fc
- ■ 50% Max Cd

Total LLF: 0.69

Distance in units of mount height (20ft)   --- Max Cd

IsoCandela Plot

-80° -60° -40° -20° 0° 20° 40° 60° 80°

80°
60°
40°
20°
0°
-20°
-40°
-60°
-80°

- ■ Cd: 3,171, 90%
- ■ Cd: 2,643, 75%
- ■ Cd: 2,114, 60%
- ■ Cd: 1,762, 50%
- ■ Cd: 1,409, 40%
- ■ Cd: 1,057, 30%
- ■ Cd: 705, 20%
- ■ Cd: 352, 10%
- --- Point of Max Cd: 3,525.1

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Installation

Cautions:
1. Do not use the electric generator to test the LED lamp.
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. Please turn off the power before installation or maintenance.
4. Proper grounding is required to ensure safety.

Notice:
To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
Please wear gloves to avoid injury before installation.
If any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel.

Attention:
Please check if there is any damage during shipping. If so, please contact manufacturer timely.
Please read the installation instruction carefully to check whether all the accessories are available. After confirmation, install the fixture according to installation steps.

Instruction:
The installation of this led light with different wattage is different. Please refer to the installation instruction correspondingly.

Wiring Diagram:

Here is a step color adjusting and power adjusting controller

This is the photoreceptor

As for the wire color of DIM+ and DIM-,pls check the lamp label.

Black/Brown:ACL
Green/Yellow ⏚
White/Blue:ACN

DIM+
DIM-

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LED FLOOD LIGHT

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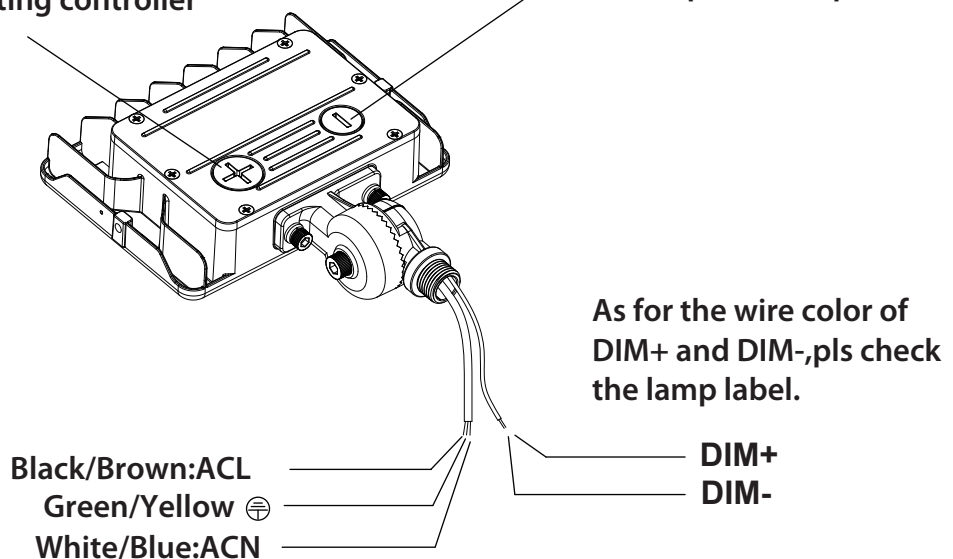
Installation

1.1 Adjustable fitter mounting (b=AM suitable for all power of this series)

Step 1: Take the lamp out of package.
Step 2: pass the wires through hardware andfix it with screws. （figure 1.1)
Step 3: Pass the wires through from the other bracket and rubber, fix it with screws.
　　　(Watch out not to scratch the wire). （figure 1.2)
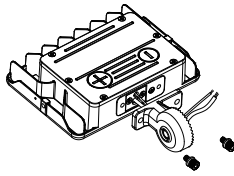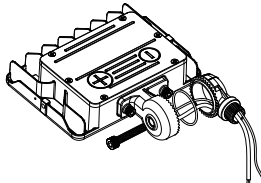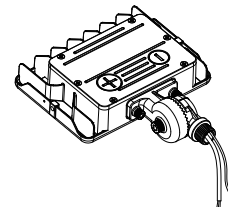Step 4: finished. （figure 1.3)

figure 1.1   figure 1.2   figure 1.3

1.3 Installation of led lamp with adjustable fitter
(b=AM suitable for all power of this series)

Step 1: Take the lamp out of package.
Step 2: Connect the wires properly according to the right wiring requirements (pay attention to
　　　positive wire, negative wire and ground wire) and then put the wires into lamp pole.
　　　(figure 1.4）
Step 3: Loosen the screws, adjust the lamp angles as per actual demands and then tighten the screws.
Tips:　Angles of the lamp is adjustable (pass the bracket through mounting surface, fix it with screws,
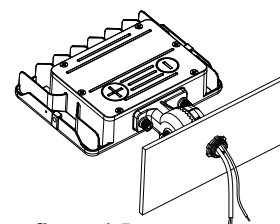　　　then connect the wires as
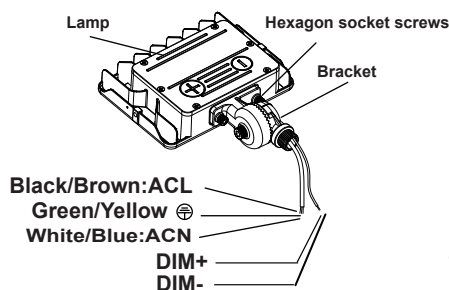
Lamp　　　Hexagon socket screws
Bracket
Black/Brown:ACL
Green/Yellow ⏚
White/Blue:ACN
DIM+
DIM-
Pole
figure 1.4   figure 1.5

LED FLOOD LIGHT

Installation

Installation 2: Installation with Yoke Mount
2.1 Yoke Mount installation (b=YM suitable for all power of this series)

Step 1: Take the lamp out of package.
Step 2: Pass the wires through hole of bracket.（figure 2.1）
Step 3: Fix the lamp and bracket together with screws; (Watch out not to scratch the wire)(figure 2.2)
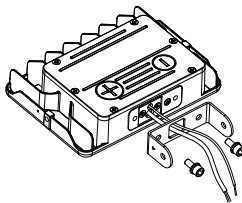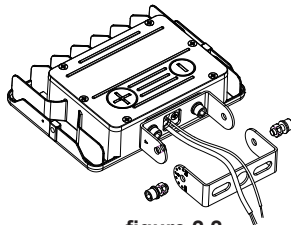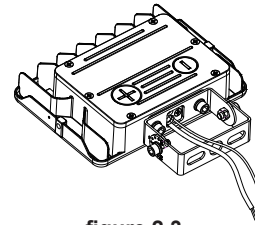Step 4: Tighten the other bracket with screws（figure 2.3）

figure 2.1　　　　　　　figure 2.2　　　　　　　figure 2.3

2.2 Installation of LED lamp with Yoke Mount (b=YM suitable for all power of this series)

Step 1: Take the lamp out of package.
Step 2: Connect the wires properly according to the right wiring requirements (pay attention to positive wire, negative wire, and ground wire) and then put the wires into lamp pole. (figure 2.4)
Step 3: Loosen the screws, adjust the lamp angles as per actual demands and then tighten the screws. (figure 2.5)
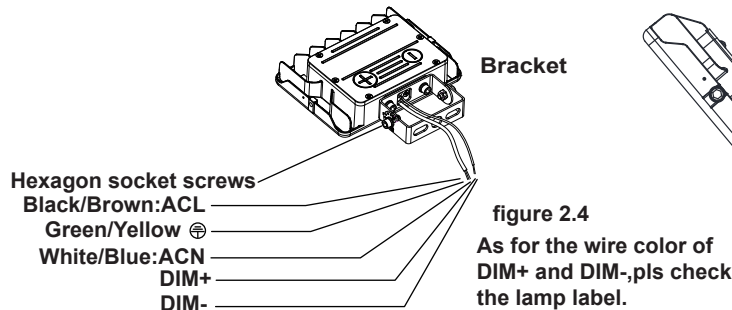Tips: Angles of the lamp is adjustable Led Lamp

Bracket

Hexagon socket screws
Black/Brown:ACL
Green/Yellow ⏚
White/Blue:ACN
DIM+
DIM-

figure 2.4

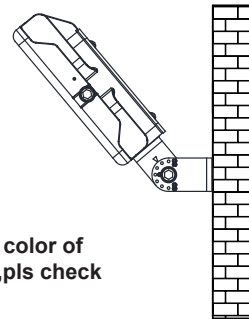As for the wire color of DIM+ and DIM-,pls check the lamp label.

figure 2.5

Installation 3: Installation with Flood Mount
3.1 Flood Mount Installation (b=FM suitable for all power of this series)

Step 1: Take the lamp out of package. (figure 3.1)
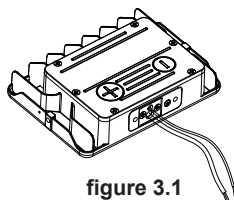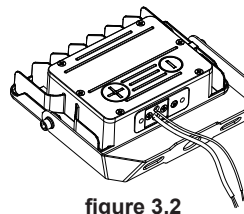Step 2: Tighten the brackets and screws. (figure 3.2)

figure 3.1　　　　　　　figure 3.2
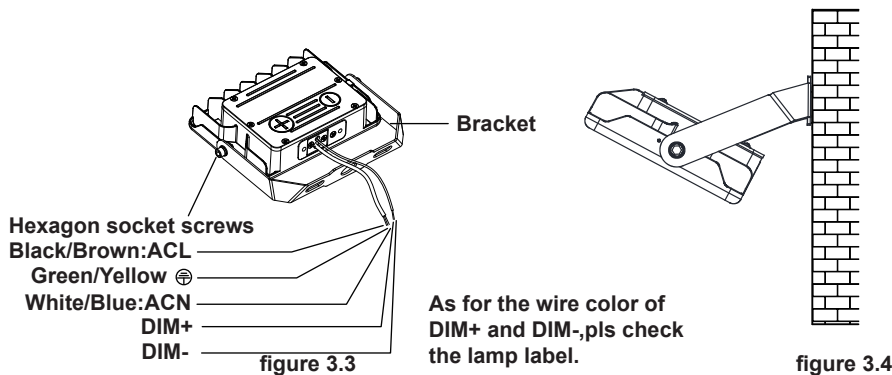
LED FLOOD LIGHT

Installation

3.2 Installation of LED lamp with flood mount (b=FM suitable for all power of this series)

Step 1: Take the lamp out of package.
Step 2: Connect the wires properly according to the right wiring requirements (pay attention to positive wire, negative wire, and ground wire) and then put the wires into lamp pole. (figure 3.3)
Step 3: Loosen the screws, adjust the lamp angles as per actual demands and then tighten the screws. (figure 3.4)
  Tips: Angles of the lamp is adjustable Led Lamp

Bracket

Hexagon socket screws
Black/Brown:ACL
Green/Yellow ⏚
White/Blue:ACN
DIM+
DIM-

figure 3.3

As for the wire color of DIM+ and DIM-,pls check the lamp label.

figure 3.4

Warning/Avertissement

MIN 75 °C SUPPLY CONDUCTORS.
THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

LES FILS D'ALIMENTATION 75 °C MIN.
CCE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS
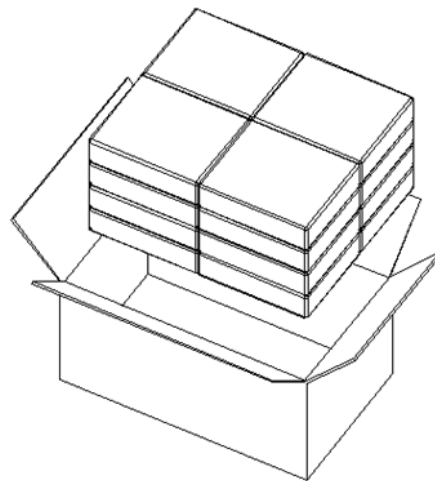
LED FLOOD LIGHT

Notice For User

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the lamps.

TROUBLE SHOOTINGS

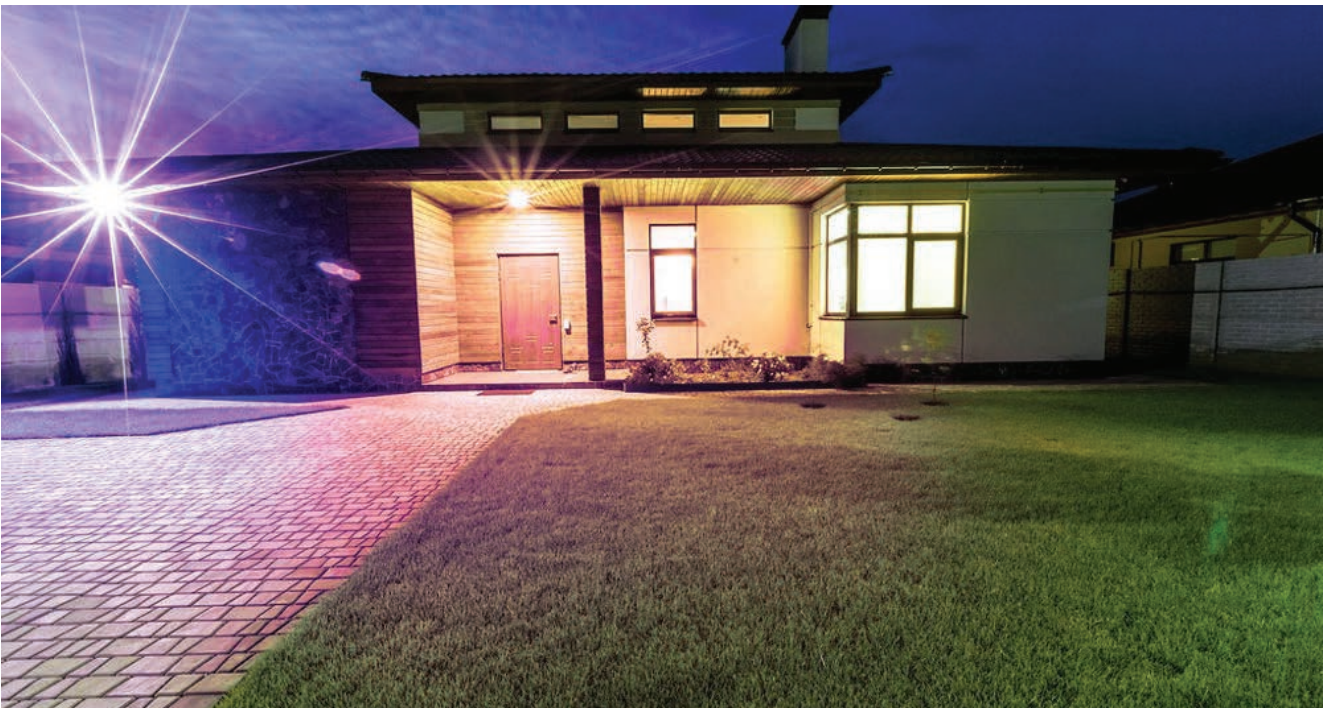| TROUBLES	CHECK POINTS
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.

Packaging

SKU	Box Type	Dimensions (Inches)	Pcs/Box	Net Weight	Gross Weight
1560786	Inner Box				
	Outer Box	19.17X 11.81 X 12.20	8	19.40LBS	24.91LBS
1560254	Inner Box	10.82 X 2.95 X 12.20	1	3.30LBS	3.96LBS
	Outer Box	18.54 X 12.80 X11.61	6	19.84LBS	25.35LBS

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Application