ATLAS™

2nd Gen

Beyond LED's ATLAS 2nd Gen Flood light is the newest design for 2023 and comes with adjustable CCT and built-in photocell which makes this product very unique. Atlas 2nd Gen 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

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SKU #	Model #	Watt	Lumens	CCT	Housing	Input Voltage	Type	Certifications
156254	BLT-FL06E-80WBH8DA1-BRFM30/40/50	80W	10880Lm	3K/4K/5K	Bronze	120-277V	U-Bracket	UL & DLC

SKU #. 156254   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
	Viewing Angle	7H6V
	Input Voltage	120-277Vac
	Frequency	50/60Hz
Electrical	Optional Accessory	Surge protector
	PF (Tolerance: -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Driver Model	Beyond Driver
	Operating Temperature	-30°C to 45°C
	Storage Temperature	-40°C to 80°C
	Operating Humidity	20% - 90% RH
Physical	Storage Humidity	20% - 95% RH
	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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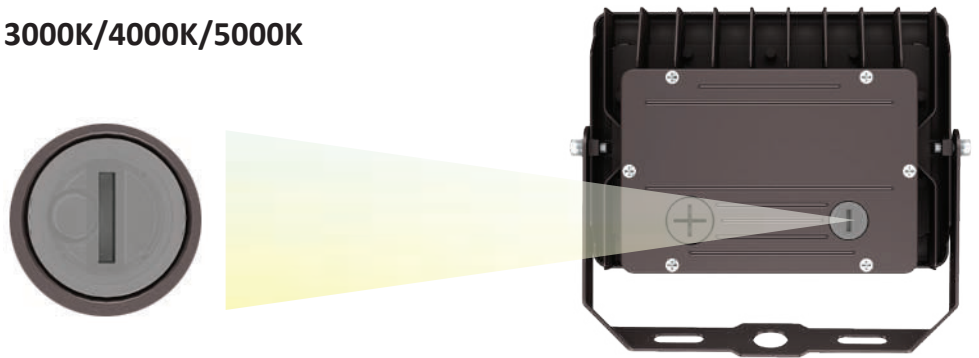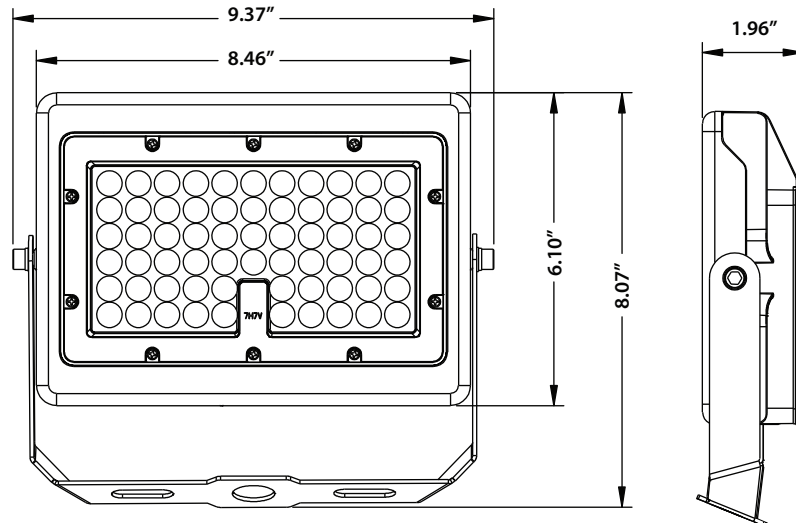
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Correlated Color Temperature (CCT)
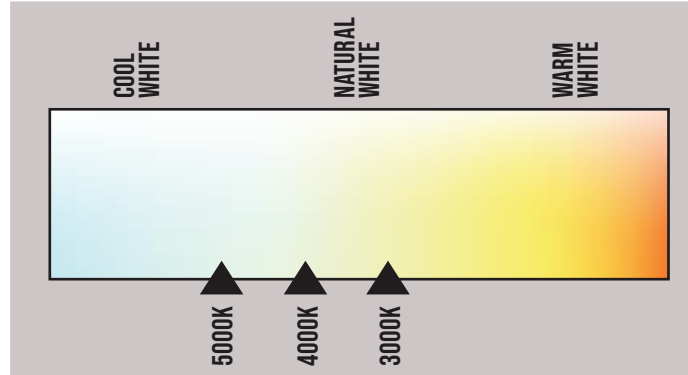
Adjustable CCT Button: 3000K/4000K/5000K

Dimensions

9.37"
8.46"
1.96"
6.10"
8.07"

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Photometric Data

Polar Candela Distribution

- Max Cd: 157.5° H
- 0° H
- 90° H
- 22.5° H
- 45° H
- 67.5° H
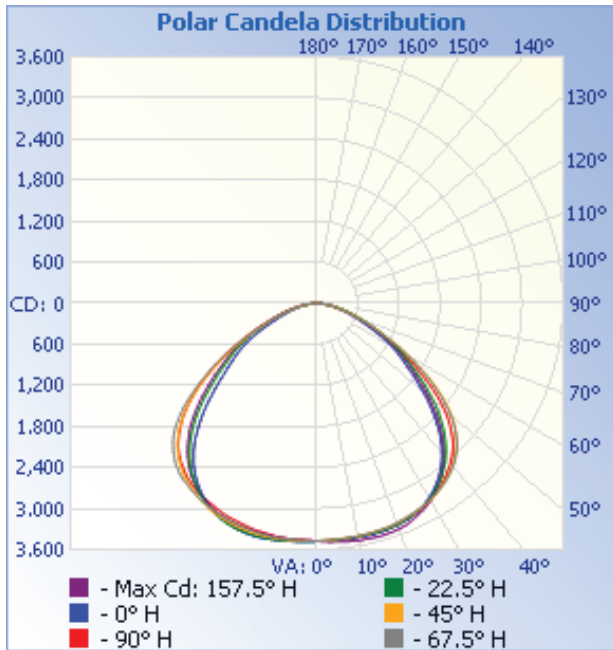
Illuminance at a Distance

	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

House Side

Type I
Type II
Type III
Type IV

Street Side

Very Short / Short / Medium / Long

- 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

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

Attention:
1. Please check if there is any damage during shipping. If so, please contact manufacturer timely.
2. Please read the installation instruction carefully to check whether all the accessories are available. After confirmation, install the fixture according to installation steps.
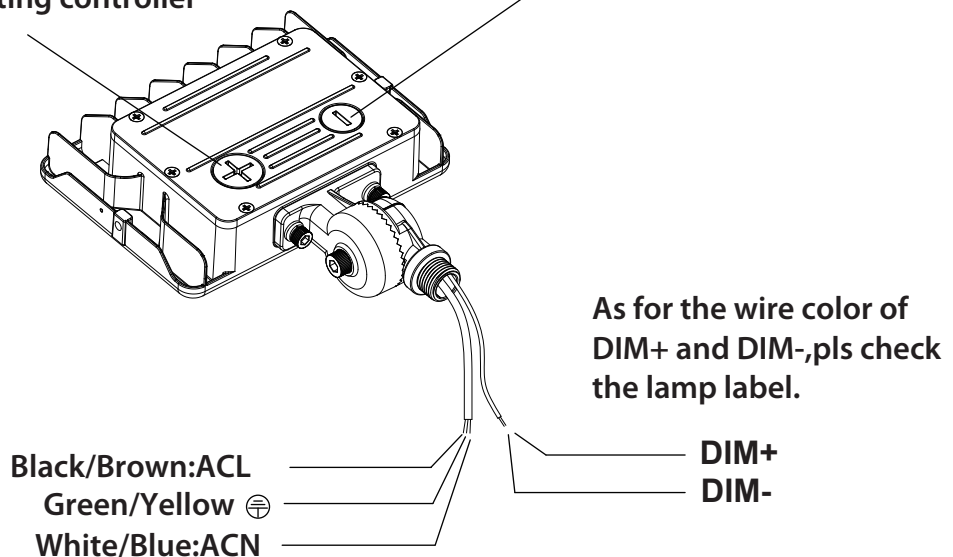
Instruction:
The installation of this led light with different wattage is different. Please refer to the installation instruction correspondingly.

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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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.
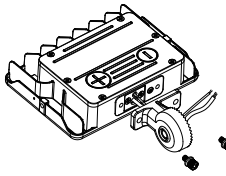　　　　(Watch out not to scratch the wire).（figure 1.2)
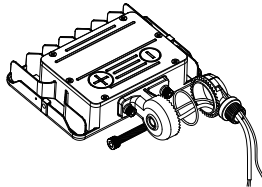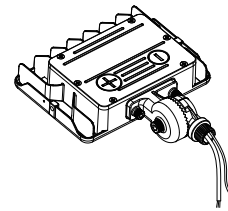Step 4: finished.（figure 1.3)

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,
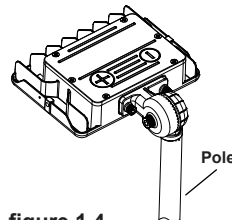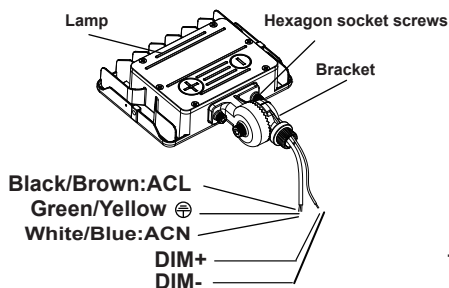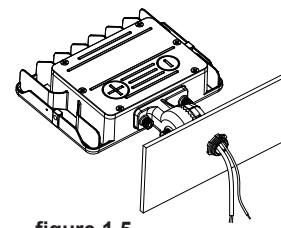　　　　then connect the wires as

Lamp　　　Hexagon socket screws
Bracket
Black/Brown:ACL
Green/Yellow ⏚
White/Blue:ACN
DIM+
DIM-
Pole
figure 1.4　　　　　figure 1.5

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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)
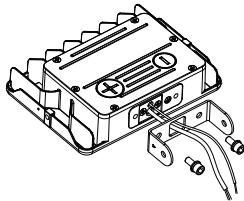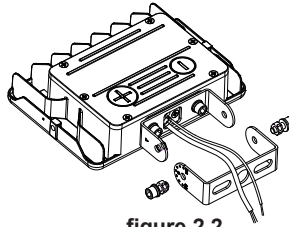Step 4: Tighten the other bracket with screws（figure 2.3）
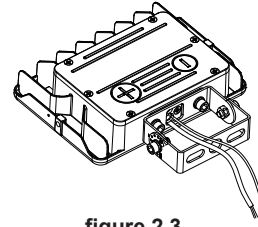
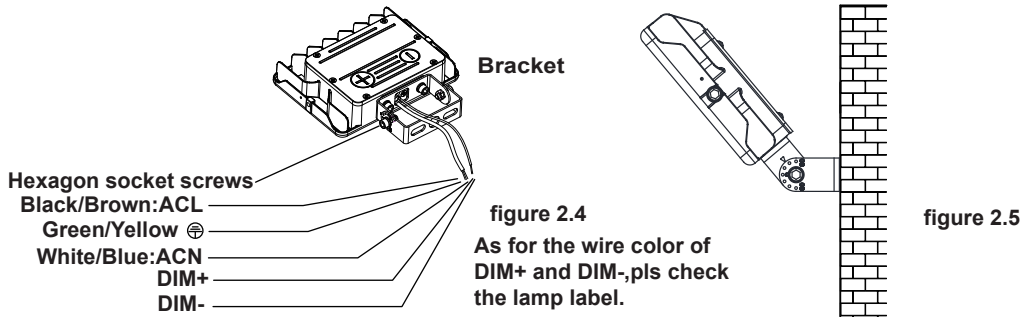figure 2.1　　　　　　　　　　figure 2.2　　　　　　　　　　figure 2.3

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)
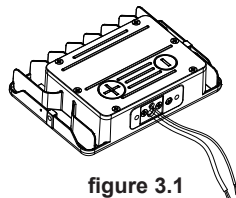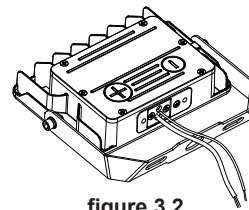Step 2: Tighten the brackets and screws. (figure 3.2)

figure 3.1　　　　　　　　　　figure 3.2
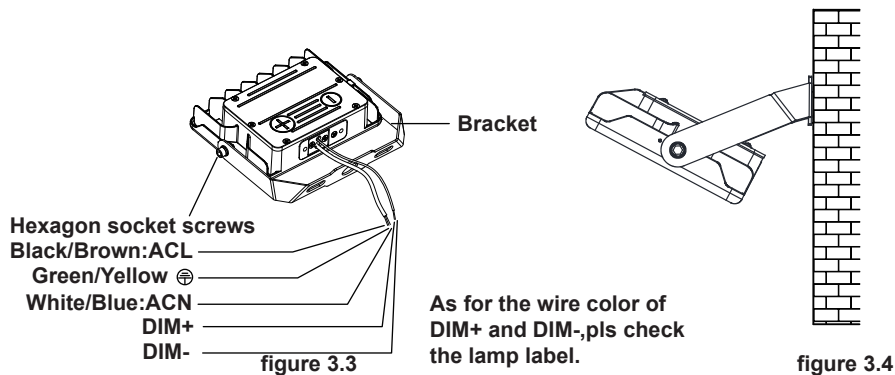
Installation

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-

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

figure 3.3

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

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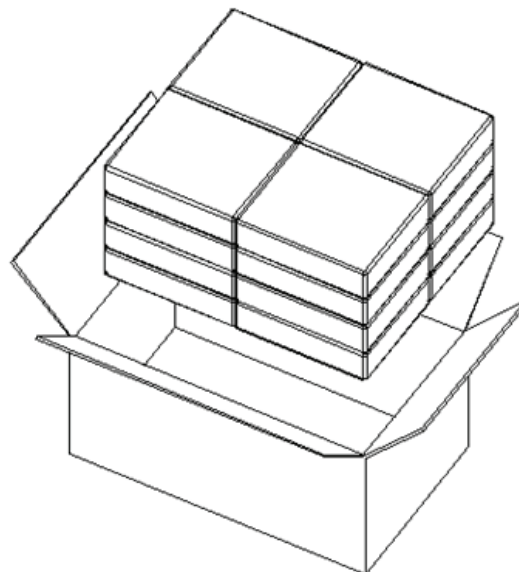
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Notice For User

- 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

Box Type	Dimensions (Inches)	Pcs/Box	Net Weight	Gross Weight
Inner Box	10.82 X 2.95 X 12.20	1	3.30LBS	3.96LBS
Outer Box	18.54 X 12.79 X11.61	6	19.84LBS	25.35LBS

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Application

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