BLUE™

Beyond LED Technology's BLUE Area light is the most economical and newest 2022 model. Our BLUE Area light offers high lumens per watt for maximum power savings and rebates from power companies. Our BLUE Area light is a perfect solution for lighting parking areas, loading docks and other general lighting applications.

Product Features

- Up to 153 lumens per watt
- High Efficacy LumiLEDs
- Ultra thin sleek design
- Optional Screw-in photocell
- Universal bracket fits most applications
- Several Brackets Options

- Heat resistant polycarbonate optical lens
- Die Cast Aluminum
- Input Voltage 120-277Vac / 277-480V
- UL & DLC Listed
- 5 Year warranty

BLUE™

SKU #	Model #	Wattage Adjustable	Lumens	CCT	IP	Housing	Input Voltage	Dimming	Certifications
155529	BLT-XALH150W50KT3PADP	150W	22950Lm	5000K	IP65	Bronze	120V-277V	1-10V	UL & DLC
155528	BLT-XALH310W50KT3PADP	240W/260W/ 280W/310W	47430Lm	5000K	IP65	Bronze	120V-277V	1-10V	UL & DLC
156243	BLT-XALH310W50KT3PADP	240W/260W/ 280W/310W	36720Lm 47430Lm	5000K	IP65	Black	120V-277V	1-10V	UL & DLC
156242	BLT-XALH310W50KT3PADP	240W/260W/ 280W/310W	36720Lm 47430Lm	5000K	IP65	Bronze	277V-480V	1-10V	UL & DLC
156166	BLT-XALH(80/100/120/150) WHV50KT3UBWP	80W/100W/ 120W/150W	15300Lm 22950Lm	5000K	IP65	White	277-480V	1-10V	UL & DLC
156167	BLT-XALH(240/260/280/310) WHV50KT3UBWP	240W/260W/ 280W/310W	36720Lm 47430Lm	5000K	IP65	White	277-480V	1-10V	UL & DLC

Accessories

Photocell

Shorting Cap

Brackets

**SKU: 155607
Yoke Mount Black**

**SKU: 155935
Yoke Mount Bronze**

**SKU: 155934
Slip Fitter Bronze**

**SKU: 155936
Flexible Straight Arm Bronze**

**Universal Bracket
Bronze**

**Universal Bracket
White**

**Universal Bracket
Black**

LED AREA LIGHT

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SKU: 155529	Specifications	
Parameter	**Description**	**Value**
General Performance	Model #.	BLT-XALH150W50KT3PADP
	Wattage	150W
	Color Temperature	5000K
	Lumens	Up to 22950LM
	Lumen Efficacy	Up to 153LM/W
	CRI (Ra)	>70
	Distribution Pattern	Type III
	Beam Angle	90° Degree
Electrical	Input Voltage	120-277Vac
	Frequency	50/60Hz
	Dimming	1-10 Dimmable
	PF	≥0.95
	THD	≤20%
	Flicker Percent	Flicker Free
	Driver Brand	Sosen
	Driver Model	SS-150NL-56B
	Driver Surge Protection	10KV Surge Protector
Physical	Operating Temperature	-40°C to 45°C
	Storage Temperature	-40°C - 90°C
	LED Brand	LumiLEDS
	LED Type	SMD2835
	LEDs QTY	216 Pcs
	Housing	Die-Cast Aluminum
	Housing Color	Bronze
Qualification	IP Rating	IP65
	Warranty	5 Year

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SKU: 155528   Specifications

Parameter	Description	Value
General Performance	Model #.	BLT-XALH310W50KT3PADP
	Wattage Adjustable	240W/260W/280W/310W
	Color Temperature	5000K
	Lumens	Up to 47430LM
	Lumen Efficacy	Up to 153LM/W
	CRI (Ra)	>70
	Distribution Pattern	Type III
	Beam Angle	90° Degree
Electrical	Input Voltage	120-277Vac
	Frequency	50/60Hz
	Dimming	1-10 Dimmable
	PF	≥0.95
	THD	≤20%
	Flicker Percent	Flicker Free
	Driver Brand	Sosen
	Driver Model	SS-150NL-56B, 2 pcs
	Driver Surge Protection	10KV Surge Protector
Physical	Operating Temperature	-40° C to 45° C
	Storage Temperature	-40°C - 90°C
	LED Brand	LumiLEDS
	LED Type	SMD2835
	LEDs QTY	432 Pcs
	Housing	Die-Cast Aluminum
	Housing Color	Bronze
Qualification	IP Rating	IP65
	Warranty	5 Year

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SKU: 156166 — Specifications

Parameter	Description	Value
General Performance	Model #.	BLT-XALH(80/100/120/150)WHV50KT3UBWP
	Wattage Adjustable	80W/100W/120W/150W
	Color Temperature	5000K
	Lumens	Up to 15300Lm / 22950LM
	Lumen Efficacy	Up to 153LM/W
	CRI (Ra)	>70
	Distribution Pattern	Type III
	Beam Angle	90° Degree
Electrical	Input Voltage	277-480Vac
	Frequency	50/60Hz
	Dimming	1-10 Dimmable
	PF	≥0.95
	THD	≤20%
	Flicker Percent	Flicker Free
	Driver Brand	Sosen
	Driver Model	SS-150NL-56B, 2 pcs
	Driver Surge Protection	10KV Surge Protector
Physical	Operating Temperature	-40° C to 45° C
	Storage Temperature	-40°C - 90°C
	LED Brand	LumiLEDS
	LED Type	SMD2835
	LEDs QTY	432 Pcs
	Housing	Die-Cast Aluminum
	Housing Color	White
Qualification	IP Rating	IP65
	Warranty	5 Year

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SKU: 156243 / 156242 / 156167   Specifications

Parameter	Description	Value
General Performance	Wattage Adjustable	240W/260W/280W/310W
	Color Temperature	5000K
	Lumens	Up to 36720LM / 47430LM
	Lumen Efficacy	Up to 153LM/W
	CRI (Ra)	>70
	Distribution Pattern	Type III
	Beam Angle	90° Degree
Electrical	Input Voltage	120-277Vac / 277-480Vac
	Frequency	50/60Hz
	Dimming	1-10 Dimmable
	PF	≥0.95
	THD	≤20%
	Flicker Percent	Flicker Free
	Driver Brand	Sosen
	Driver Model	SS-150NL-56B, 2 pcs
	Driver Surge Protection	10KV Surge Protector
Physical	Operating Temperature	-40° C to 45° C
	Storage Temperature	-40°C - 90°C
	LED Brand	LumiLEDS
	LED Type	SMD2835
	LEDs QTY	432 Pcs
	Housing	Die-Cast Aluminum
	Housing Color	Bronze / Black / White
Qualification	IP Rating	IP65
	Warranty	5 Year

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Correlated Color Temperature (CCT)
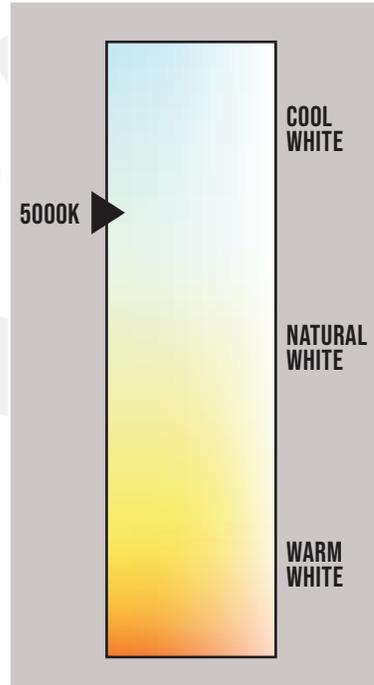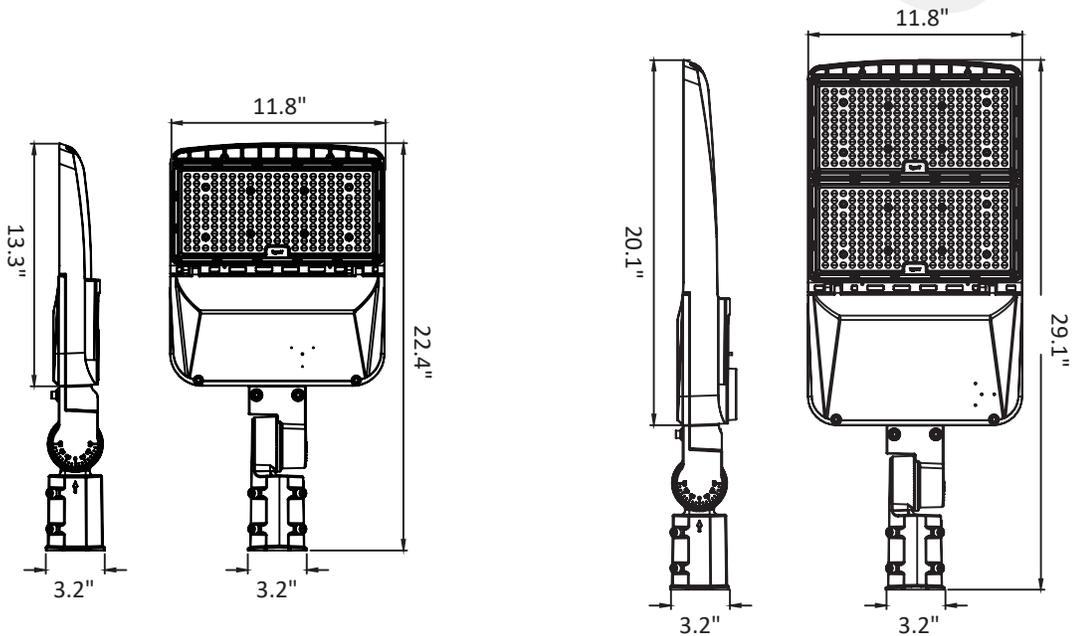
COOL WHITE

5000K ▶

NATURAL WHITE

WARM WHITE

Dimension

11.8"

13.3"

22.4"

3.2"

3.2"

11.8"

20.1"

29.1"

3.2"

3.2"

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Test Condition:

Test Ambient (°C)	Test Humidity (%)	Orientation	Stabilization Time (minute)	Test Time (minute)
25.0	43.6	Face Down	90	25

Electrical Data:

Voltage (V)	Frequency (Hz)	Current (A)	Wattage (W)	Power Factor
120.0	60	1.2361	148.17	0.9989

Goniophotometer Data:

Parameter	Results
Total Luminous (lm)	23129.6
Luminous Efficacy (lm/W)	156.10
Zonal Lumens Distribution (0-90°)	99.9%
Zonal Lumens Distribution (80-90°)	1.7%
Beam Angle (°)	90.8
BUG	B3-U2-G3

Luminous Intensity Distribution Diagram:
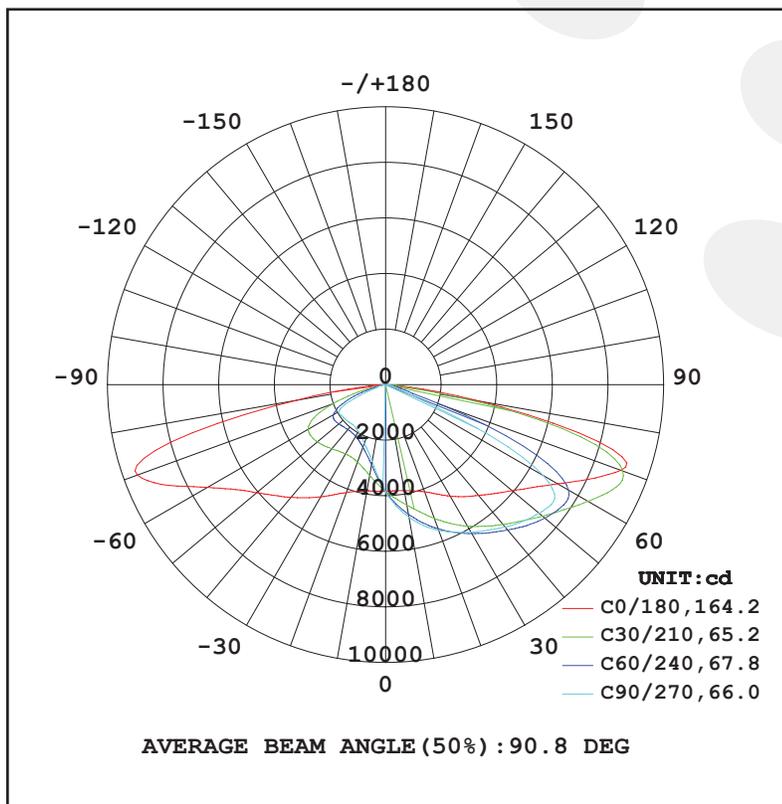
UNIT:cd
C0/180,164.2
C30/210,65.2
C60/240,67.8
C90/270,66.0

AVERAGE BEAM ANGLE(50%):90.8 DEG

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LED AREA LIGHT

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Test Condition:

Test Ambient (°C)	Test Humidity (%)	Orientation	Stabilization Time (minute)	Test Time (minute)
25.1	44.3	Face Down	90	25

Electrical Data:

Voltage (V)	Frequency (Hz)	Current (A)	Wattage (W)	Power Factor
120.0	60	2.5476	305.34	0.9988

Goniophotometer Data:

Parameter	Results
Total Luminous (lm)	46689.2
Luminous Efficacy (lm/W)	152.91
Zonal Lumens Distribution (0-90°)	99.9%
Zonal Lumens Distribution (80-90°)	1.7%
Beam Angle (°)	91.3
BUG	B4-U2-G4
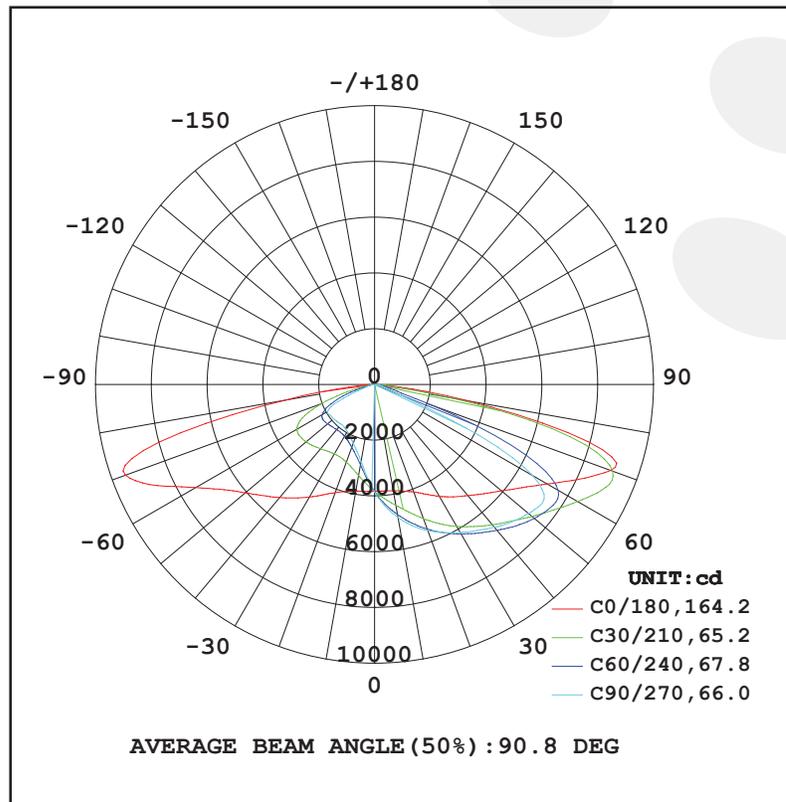
Luminous Intensity Distribution Diagram:

UNIT:cd
C0/180,164.2
C30/210,65.2
C60/240,67.8
C90/270,66.0

AVERAGE BEAM ANGLE(50%):90.8 DEG

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Test Condition:

Test Ambient (°C)	Test Humidity (%)	Orientation	Stabilization Time (minute)	Test Time (minute)
25.0	47.8	Face Down	90	25

Electrical Data:

Voltage (V)	Frequency (Hz)	Current (A)	Wattage (W)	Power Factor
277.0	60	0.5257	145.40	0.9985

Goniophotometer Data:

Parameter	Results
Total Luminous (lm)	20580.6
Luminous Efficacy (lm/W)	141.54
Zonal Lumens Distribution (0-90°)	99.9%
Zonal Lumens Distribution (80-90°)	1.6%
Beam Angle (°)	88.6
BUG	B3-U2-G3

Luminous Intensity Distribution Diagram:

UNIT:cd
C0/180,162.7
C30/210,59.5
C60/240,67.7
C90/270,64.4

AVERAGE BEAM ANGLE(50%):88.6 DEG

LED AREA LIGHT

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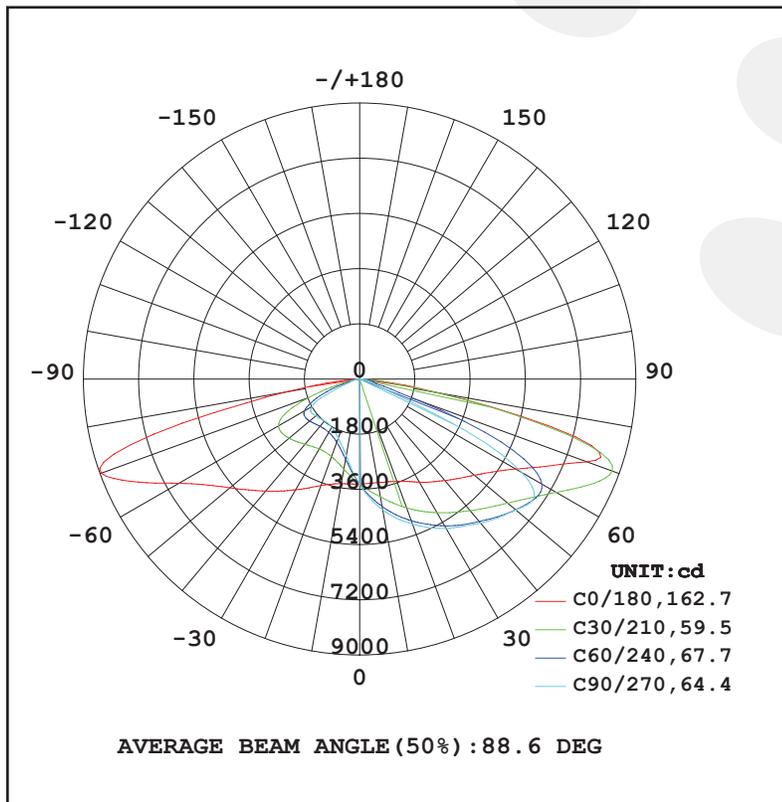
LED AREA LIGHT

Test Condition:

Test Ambient (°C)	Test Humidity (%)	Orientation	Stabilization Time (minute)	Test Time (minute)
25.1	44.3	Face Down	90	25

Electrical Data:

Voltage (V)	Frequency (Hz)	Current (A)	Wattage (W)	Power Factor
277.0	60	1.1627	319.14	0.9909

Goniophotometer Data:

Parameter	Results
Total Luminous (lm)	44168.9
Luminous Efficacy (lm/W)	138.40
Zonal Lumens Distribution (0-90°)	99.9%
Zonal Lumens Distribution (80-90°)	1.4%
Beam Angle (°)	91.3
BUG	B4-U2-G4

Luminous Intensity Distribution Diagram:

UNIT:cd
C0/180,162.8
C30/210,68.5
C60/240,68.4
C90/270,64.9

AVERAGE BEAM ANGLE(50%):91.2 DEG

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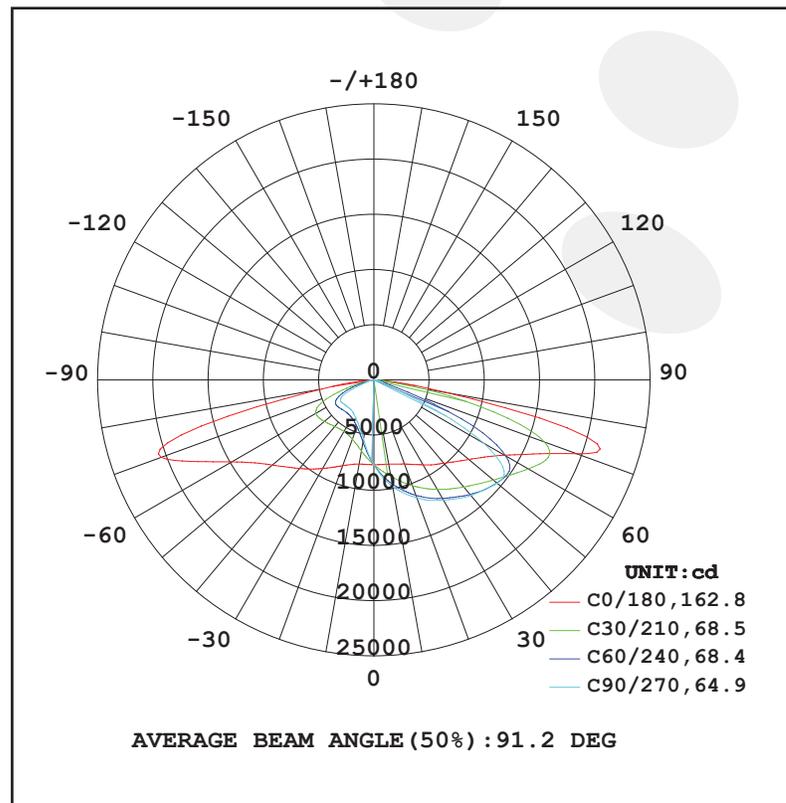
Installation

Please read this manual carefully before using the product

Application

Widely used in Indoor and outdoor • Parking lot • Stadiums • General road lighting • Residential area • Yard park • Petrol station

Notes before Installation
1. Be careful to open the carton, contact us if any damage.
2. 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.
3. "caution - risk of shock" and "disconnect power before servicing" when photoelectric switch provided.
4. Please check whether the voltage marked on the luminaire is consistent with the input voltage to be connected, so as not to damage the LED luminaire.
5. To ensure the lifetime of the product, please do not use it in a place with strong acid mist.
6. Make sure the installation position can withstand 10 times the weight of the luminaire before installation and install it at a flat place without vibration, no swing, no fire hazard.

Overview Description

Installation instructions
ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!

• **Type A (Slip Fitter)**
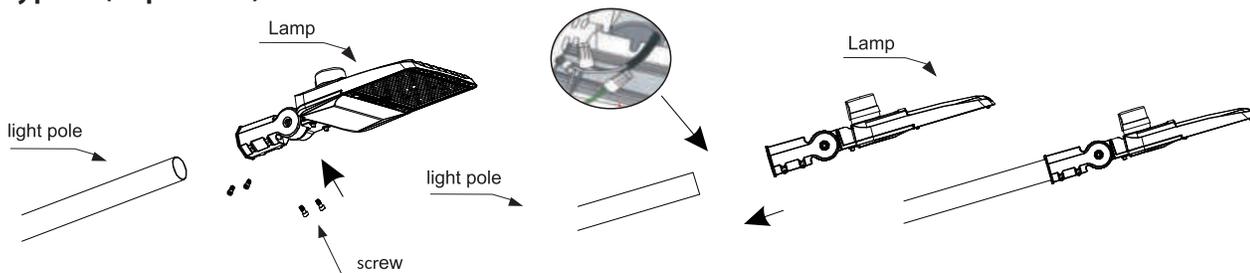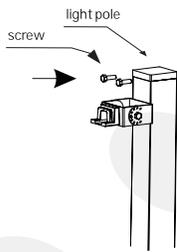

1. Attach the lamp arm to the lamp first

2. Connect the input wire and install the lamp on the lamp post
Note: after lengthening the input wire, meet the height requirement of the light pole and connect the wire at the bottom of the light pole.

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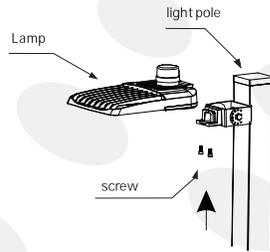
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Installation

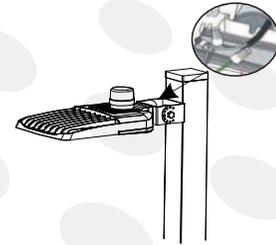Please read this manual carefully before using the product

• Type B (Yoke Mount)

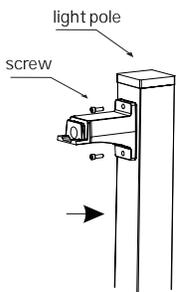1. First install the lamp arm in the proper position of the lamp pole

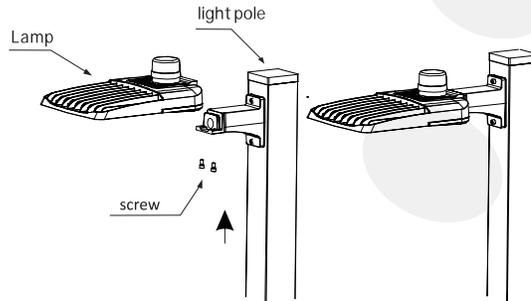2. Install the light fixture on the lamp arm

A lower cover of the lamp arm is opened and complete wiring at hand hole on pole. Use suitable listed water proof cord bushing and outlet box cover.
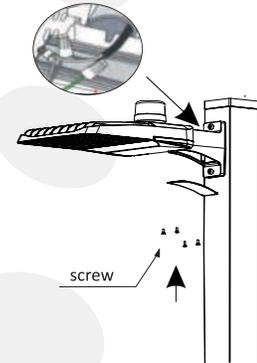
• Type C (Straight Mount)

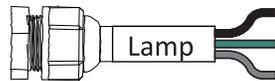1. First install the lamp arm in the proper position of the lamp pole

2. Install the light fixture on the lamp arm

a Lower cover of the lamp arm is opened and complete miring at handhole on pole. Use suitable listed water proof cord bushing and outlet box cover

• Wiring Diagram

Lamp

L-black
GND-green
N-white

Shipping and Warehousing

1. Please do not shake it too much during transportation, handle carefully when unloading.
2. Recommended to be stored in a warehouse of -10 - +60 °C and keep the warehouse dry.

Trouble shooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
Light will not come on	A. Light switch is turned off. B. Fuse is blown or circuit breaker is turned off. C. Incorrect circuit wiring.	A. Turn light switch on. B. Replace fuse or turn circuit breaker on. C. Verify that fixture is wired properly.

BLUE™

Packaging

Wattage	Carton Size (Inches)	Qty	Net Weight	Gross Weight
Wattage Adj. 80W/100W/120W/150W	22.44" x 13.46" x 5.24"	1	7.5 LBS	11.0 LBS
Wattage Adj. 240W/260W/280W/310W	29.13" x 13.46" x 5.70"	1	11.0 LBS	13.8 LBS

Application

Warranty

5 Year warranty

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