



LED AREA LUMINAIRES

High Light Output LED Lighting Solutions to
Illuminate the **Streets & Parking Lots Right!**

The product image used is for reference only

About IKIO

IKIO is one of the fastest growing LED lighting brands that has built a successful track record of being a reliable and trusted LED lighting partner. We at IKIO combine innovative ideas, expertise & advanced technology to create cutting-edge lighting solutions that are changing the landscape of the industry. Moreover, we are ideally positioned to offer the right solutions for all your lighting requirements because of our holistic approach and vertically integrated infrastructure.



Holds a successful track record of being a trusted and reliable LED lights partner.



Strives to deliver maximum value to our customers.



Consistently focuses on R&D and operational excellence.



Is a one-stop destination for all your LED lighting requirements.

Why Are We Unique?

IKIO's range of area lighting solutions combines architectural form and versatility to make it an excellent choice for both new construction and retrofit applications. They are offered in a variety of powers to provide maximum flexibility in all types of applications. The high output LEDs and custom engineered optics provide excellent uniformity and efficiency. In fact, they can easily replace existing HID fixtures of up to 1000 W.

Other Reasons to Choose Our Range of LED Area Luminaires



In-built surge protection mechanism



Superior thermal dissipation



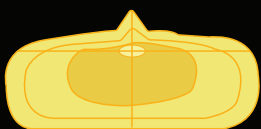
Sleek and modern construction



Excellent light output

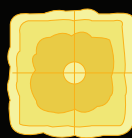
Uniformly Lit Streets and Parking Lots with **Custom Engineered Optics**

- Wider illumination across the curb line results in increased pole spacing, and hence, reduces material, operational, and installation cost.
- Even distribution of light enhances visual acuity.
- Wide and squared off corners allow simplification of layout design that improves uniformity by decreasing contrast in the transition zones between the two poles.



Type 3 Distribution

- Wide and rectangular distribution.
- Fixture should be placed at the perimeter of the area to be lit, enabling the light to fall forward.
- Casts light about 2.75 times wider than the mounting height of the luminaire.



Type 5 Distribution

- Wide and square distribution.
- Fixture must be placed at or near the centre of the roadways, enabling the light to fall in all directions for sufficient and even distribution.
- Casts light about 2.75 times wider than the mounting height of the luminaire.



IKIO's Range of LED **Area Luminaires**

Making the Expanse of Your **Outdoor Spaces**


Bright

| Aesthetic

| Secure 



AMPARO

AREA LUMINAIRES

Electrical

Power	100 W 150 W 190 W 300 W 400 W
Voltage	AC 100-277 V 50/60 Hz (Also available with 240 - 480 V input)
Power Factor	0.926

Lighting Performance

Lumens	14000 lm 21000 lm 26600 lm 42000 lm 56000 lm
Efficacy	140 lm/W
Color Temperature (CCT)	4000 K 5000 K
Color Rendering (CRI)	80+
Light Distribution	Type III M Type V M
BUG Rating (Backlight, Uplight, and Glare)	B3 - U0 - G3
Dimmable Lighting Control	0-10 V, Range 10% - 100%

Environment

Operating Temperature	-40 °F ~ +131 °F
Suitable Location	WET
Ingress Protection Rating (IP)	IP66
Impact Protection (IK)	IK10

Lifespan

Average Life (Hours)	100,000
Warranty (Years)	10

Components

LED Light Source	Lumiled 3030
Driver	Meanwell HLG

Construction

Housing	Aluminum
Lens	Polycarbonate
Base / Power Supply	Hard Wire / Surge Protector
Finish	Bronze White

Application Areas

Parking lot, street and building perimeter lighting. Can also be used as a flood or area light.

Qualifications and Certifications

Qualified Part Number	IK-SBSL2
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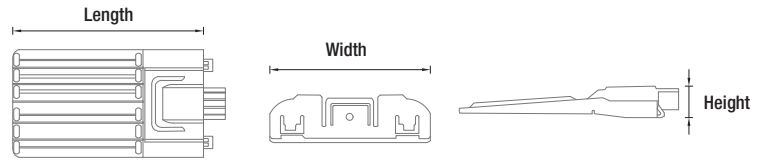


DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

*Specifications, Warranty, and Qualifications can vary per item/SKU. See technical data sheets (TDS) for specific information.

Dimensions (Inches)

	100 W, 150 W, 190 W	300 W	400 W
Length	18"	24"	30.12"
Width	14"	14"	13.39"
Height	7"	7"	7"

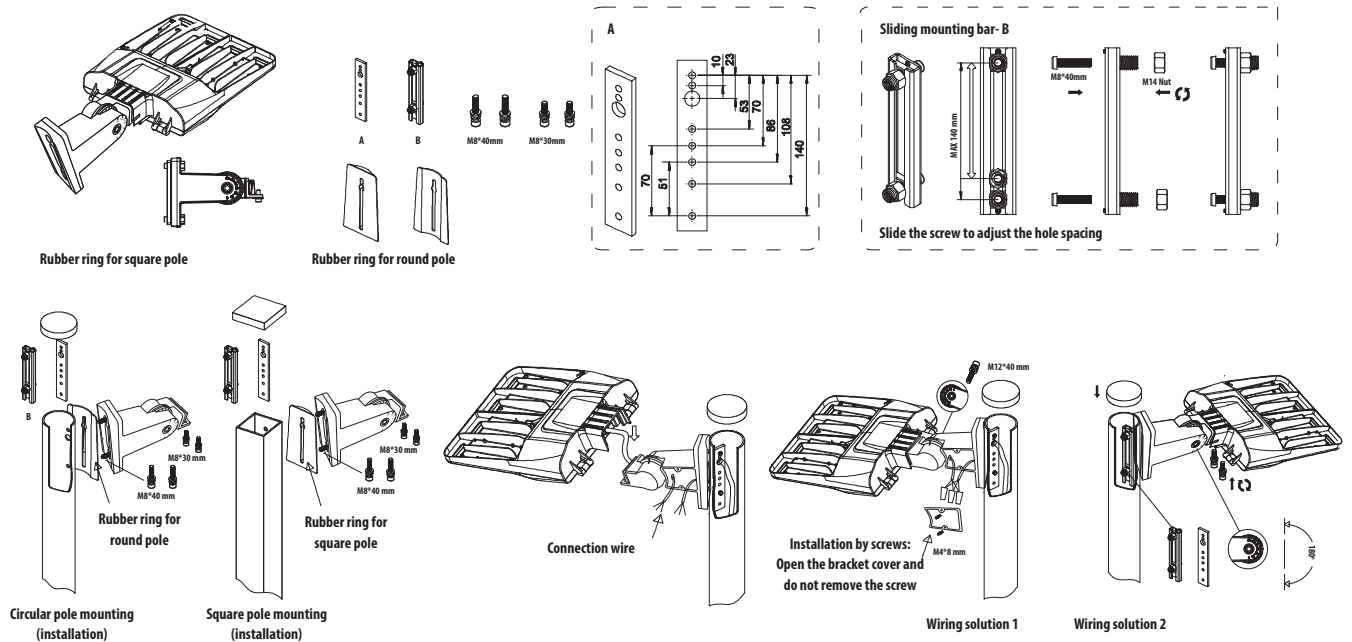


Installation Instructions

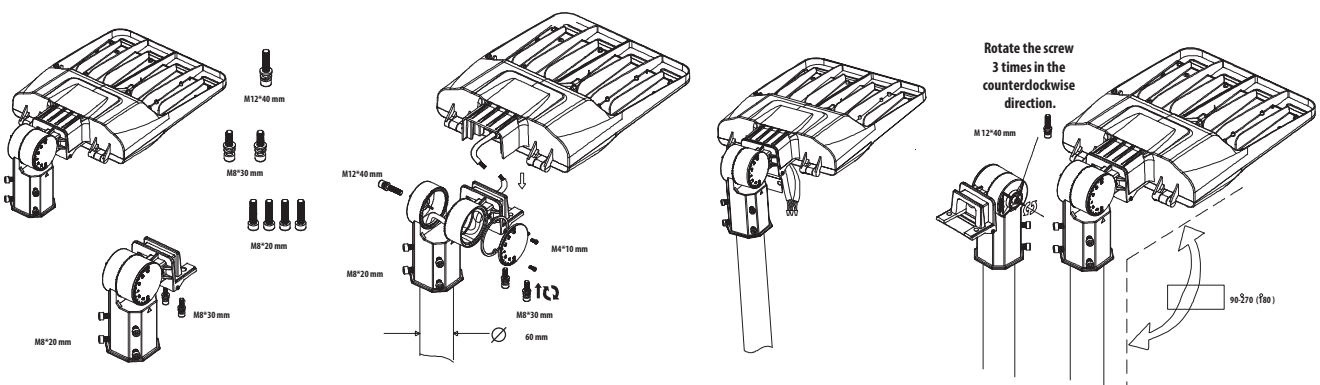
Important Safeguards

1. To avoid the risk of fire, explosion or electric shock, this product should be installed, inspected, and maintained by a qualified electrician only, in accordance with all the applicable electrical codes.
2. Be certain that the electrical power is switched off before and during its installation and maintenance.
3. The luminaire must be connected to a wiring system with an equipment-grounding conductor.
4. Make sure the supply voltage is the same as the rated luminaire voltage.
5. Do not install where the marked operating temperatures exceed the ignition temperature of the hazardous atmosphere.
6. Do not operate in ambient temperatures above those indicated on the luminaire nameplate.
7. Keep the lens tightly closed when in operation.
8. For supply connections use wire rated for at least 90 °C.

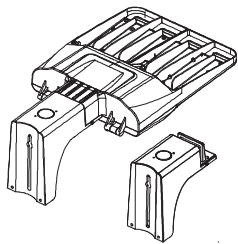
Arm Mount



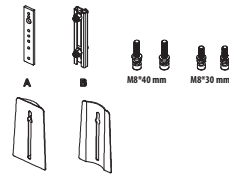
Slip Fitter Pole Mount



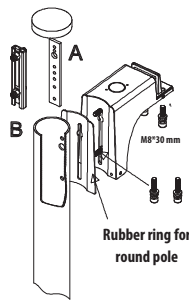
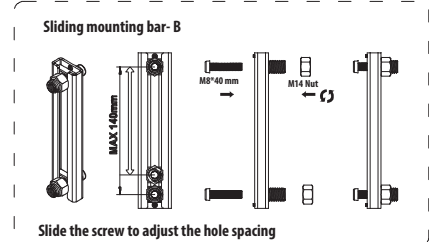
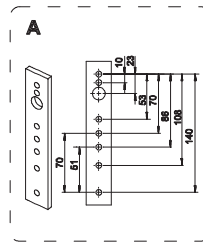
Square & Round Pole Mount



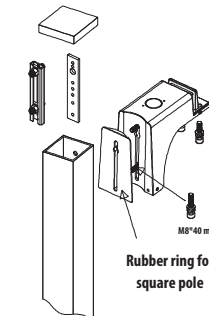
Rubber ring for square pole



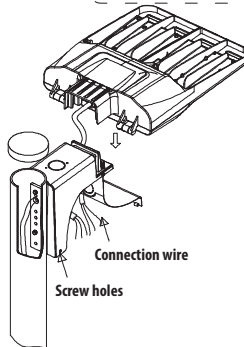
Rubber ring for round pole



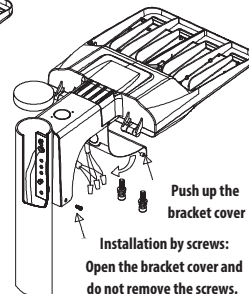
Circle pole mounting (installation)



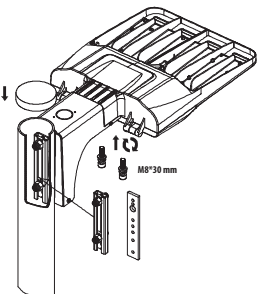
Square pole mounting (installation)



Wiring solution 1

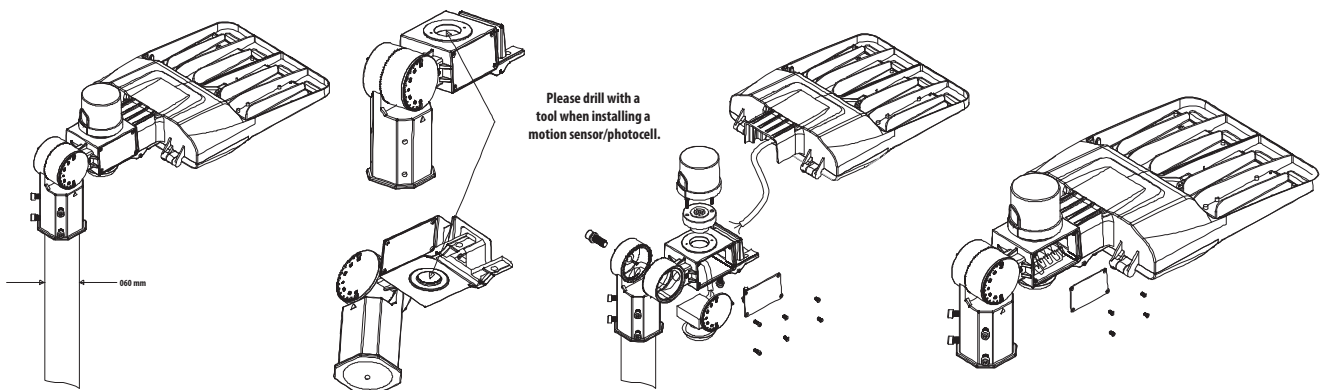


Wiring solution 2

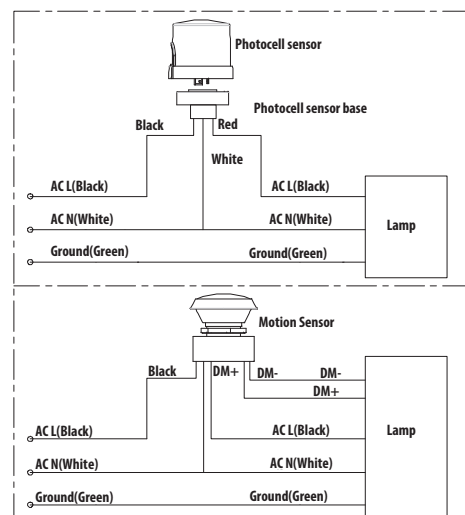
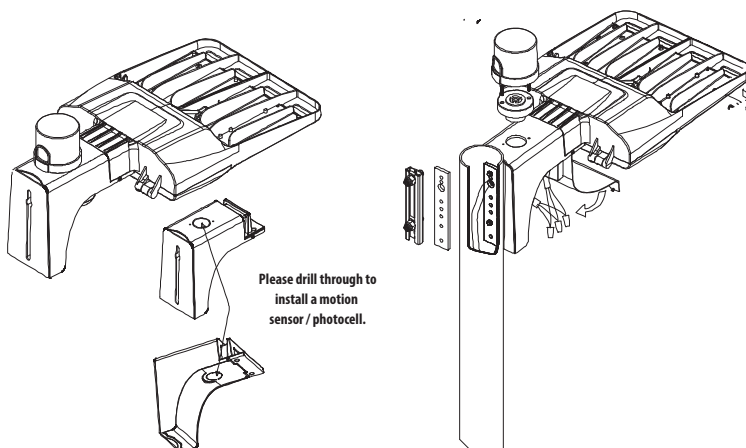


Photocell / Motion Sensor

DEMONSTRATION PLAN 1



DEMONSTRATION PLAN 2



After installation, please

1. Check whether the lighting fixture is firmly fixed.
2. Check whether wires are connected correctly.
3. At last, switch on the power, and check if the fixture works well. If not, please switch off the power and contact with local dealer.



LOCUS AREA LUMINAIRES

Electrical

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Voltage	AC 100-277 V 50/60 Hz (Also available with 240 - 480 V input)
Power Factor	0.99

Lighting Performance

Lumens	14000 lm 21000 lm 28000 lm 33600 lm 42000 lm
Efficacy	140 lm/W
Color Temperature (CCT)	4000 K 5000 K
Color Rendering (CRI)	70+
Beam Angle	T3 M T5 M
Light Distribution	Type IV, Short
BUG Rating (Backlight, Uplight, and Glare)	B3 - U0 - G3
Dimmable Lighting Control	0-10 V, Range 10% - 100%

Environment

Operating Temperature	-40 °F ~ +131 °F
Suitable Location	WET
Ingress Protection Rating (IP)	IP66
Impact Protection (IK)	IK10

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Average Life (Hours)	100,000
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Qualified Part Number	IK-SBSL 1
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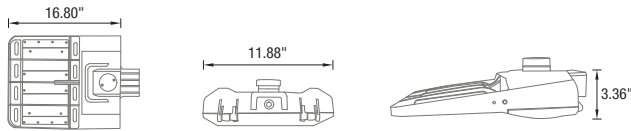
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Dimensions (Inches)

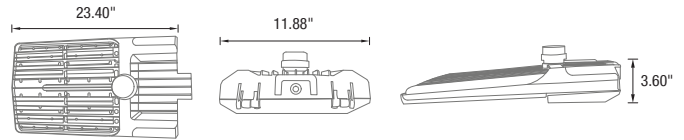
100 W - 150 W

Length	16.8"
Width	11.88"
Height	3.36"



200 W - 300 W

Length	23.4"
Width	11.88"
Height	3.6"



Installation Instructions

Important Safeguards

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. PLEASE READ THE INSTRUCTIONS BEFORE YOU INSTALL AND USE THE LUMINAIRE.

WARNING, CAUTIONS AND OPERATING INSTRUCTIONS

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For the installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified, licensed electrician and check your local electrical code.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- Do not cover any part of the fixture; this can cause overheating.

WARNING: RISK OF FIRE OR ELECTRICAL SHOCK

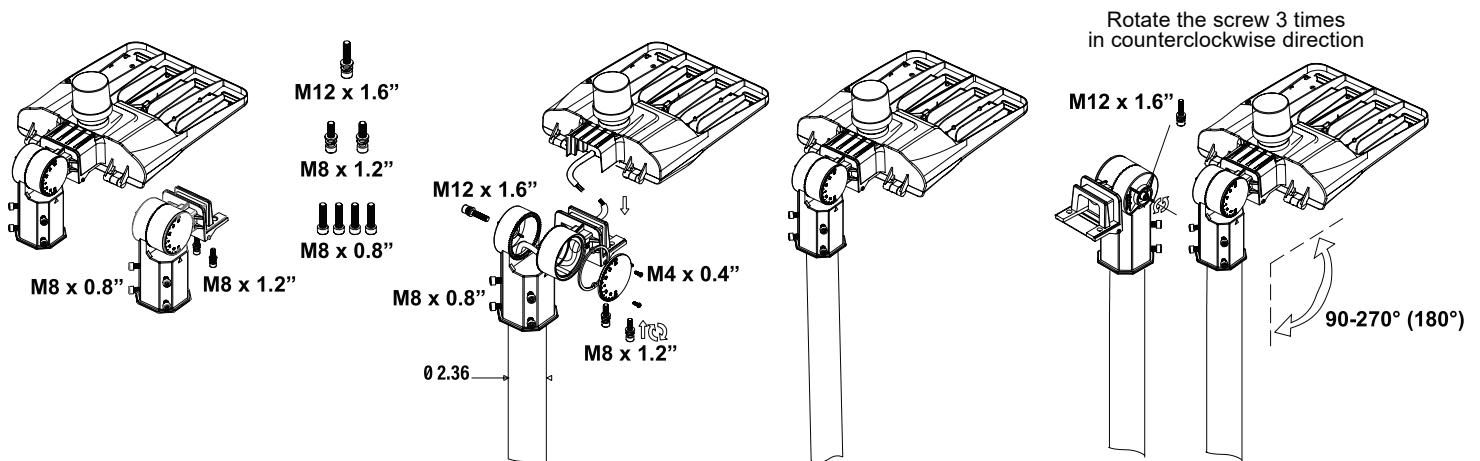
- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

CAUTION: RISK OF INJURY

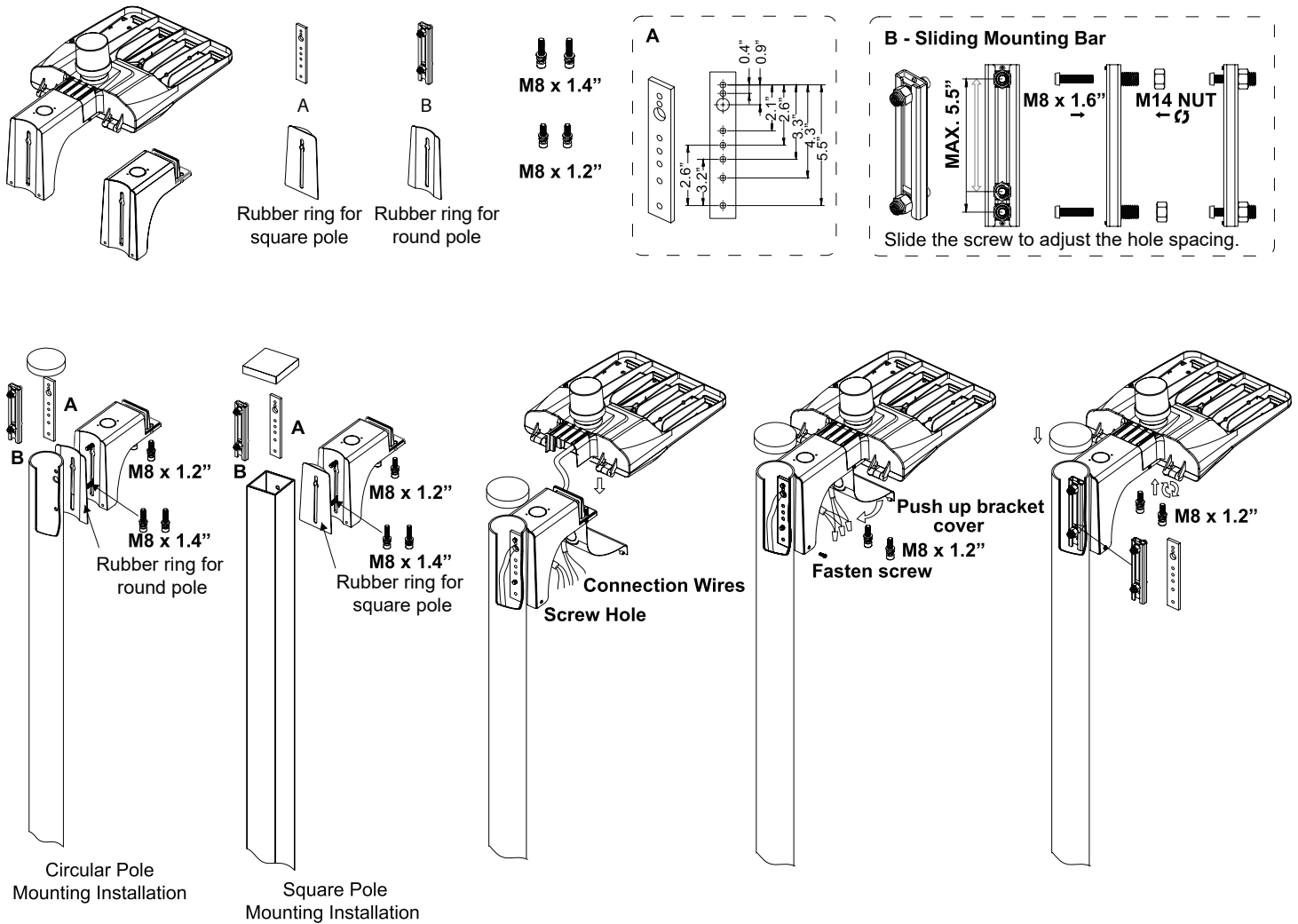
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
- Suitable for wet locations, IP65.

⚠ WARNING: DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

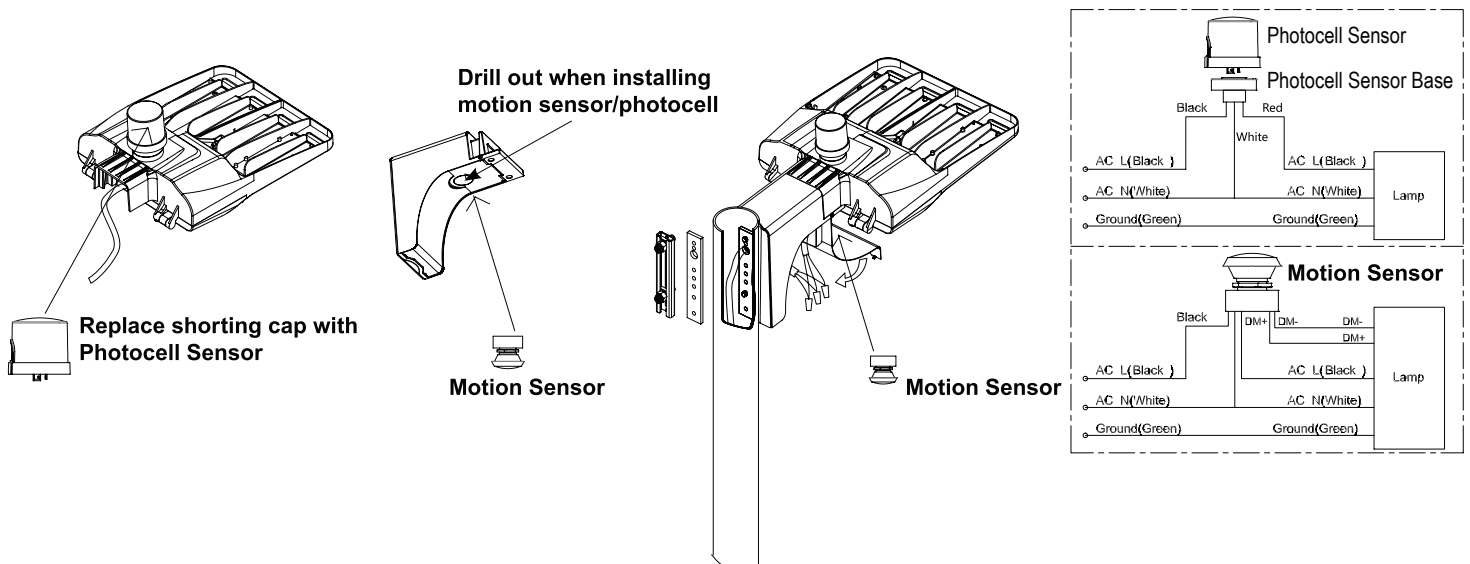
Slip Fitter Mounting



Pole Mounting



Sensor Installation For Pole Bracket





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(1) 844-533-4546 | info@ikioledlighting.com
8470 Allison Pointe Blvd, Suite 128 Indianapolis, IN 46250
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