

Shoebox Area Light Installation Guide

TECHNICAL PARAMETERS

PRODUCT PHOTO		
MODEL NUMBER	ST-5150	ST-5300
POWER CONSUMPTION	148W	304W
OPERATING VOLTAGE	100-277V AC ~ 50/60Hz	
HOUSING MATERIAL	Aluminum	
OPERATING TEMPERATURE	-40°C ~ +45°C / -40°F ~ +113°F	
IP RATING	65	
EPA RATING	2.21 ft²	2.95 ft²
BUG RATING	B3-U2-G3	B4-U2-G4
WEIGHT	13.09	18.70
DIMENSIONS	20.27 x 13.11 x 3.14	26.96 x 13.11 x 3.54

ATTENTION

This manual instructs the important information of installation and operation. Be sure to strictly follow the instructions before use. To ensure correct installation and operation of the product, carefully read and understand all contents of this guide. Any mechanical or electrical modifications to the product will void warranty and may cause dangerous hazards. To avoid potential issues caused by high temperature, be sure no objects are on the lens while the product is switched on.

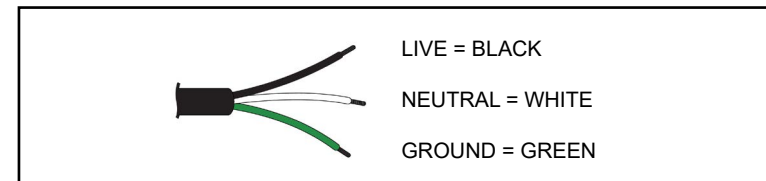
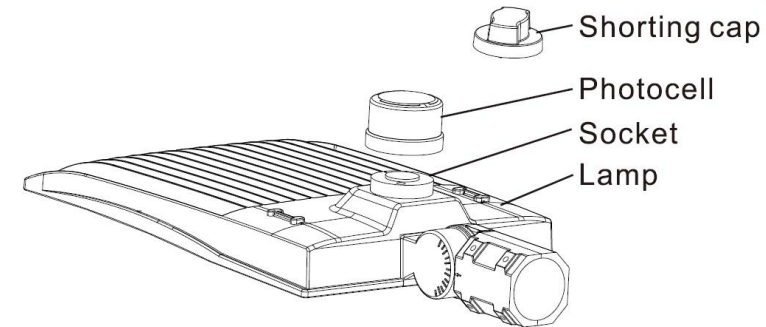
INSTALLATION PREPERATION

1. Take out the luminaire from the box and place it on a level platform for easy installation.
2. For proper operation, a qualified electrician should perform the installation.
3. Ensure the normal ambient temperature of the installation location is between -40°C ~ +45°C.
4. Ensure the voltage of the luminaire is capatable with the onsite voltage before installation.
5. Any luminaire with damaged power cord should not be installed.

Note: The power must be cut off before installation.

INSTALLATION DIAGRAM (PC - PHOTOCELL)

1. When the photocell function is required, the photocell should ne installed on the back of the fixture. When it's not required, a shorting cap will be installed on the back of the lamp.



TROUBLESHOOTING

SITUATION	POSSIBLE REASON	POSSIBLE SOLUTION
LED DOES NOT LIGHT UP	Incorrect input wiring	Confirm wire colors
	No power to the luminaire	Recycle power or check power connection
	Incorrect voltage	Confirm voltage
LED FLICKER	Poor power connection	Check power connection
	Input voltage fluctation	Confirm voltage

GENERAL MAINTENANCE

Make sure there is no power running to the luminaire when performing maintenance. The lens and the housing can be cleaned using a soft cloth without any corrosive material.

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INSTALLATION DIAGRAM (SF - SLIPFITTER MOUNT)

1. Remove the bracket mounting screws from the fixture and run the wires through the bracket. (Fixture 1)
2. Install the bracket back onto the fixture. (Fixture 2)

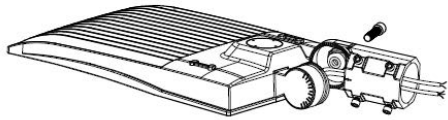


Figure 1

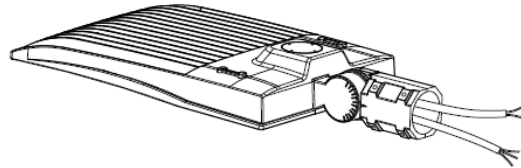
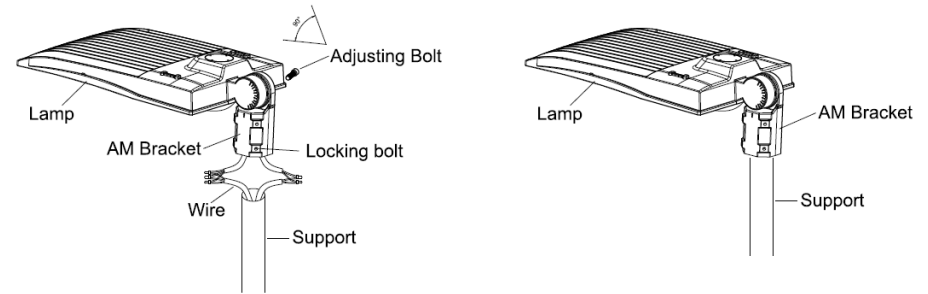


Figure 2

3. Loosen the four bolts on the SF bracket, properly connect the wires together, and pull the wires through the pole.
4. Place the bracket on the pole and secure the four bolts to complete the installation.



INSTALLATION DIAGRAM (DM - DIRECT MOUNT)

1. Remove the bracket mounting screws from the fixture, open the side lid of the bracket and run the wires through the bracket. (Figure 3)
2. Install the bracket back onto the fixture then cover the side lid and tighten it. (Fixture 4)

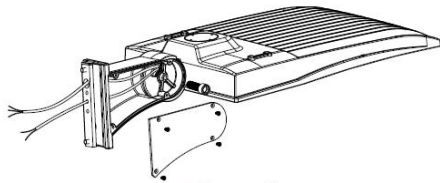


Figure 3

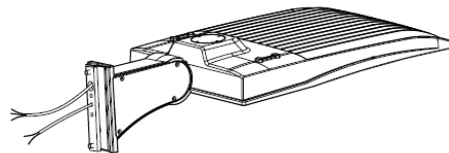
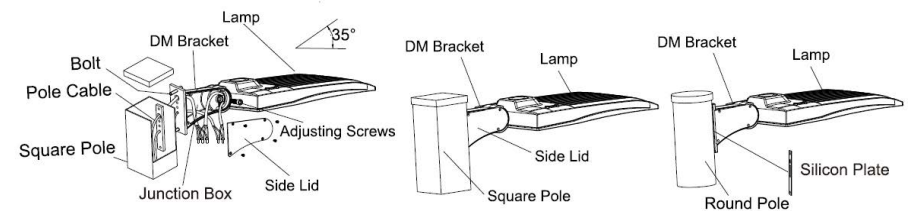


Figure 4

3. Fix the DM bracket to a square pole or a wall using a bolt. Open the side lid of the bracket and pull the wire into the junction box and connect the wires correctly, and secure the junction box.
4. Remove the silicon plate if mounting to a round pole.



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INSTALLATION DIAGRAM (YM - YOKE MOUNT)

1. Remove the bracket mounting screws from the fixture and run the wires through the bracket. (Figure 5)
2. Install the bracket back onto the fixture. (Fixture 6)

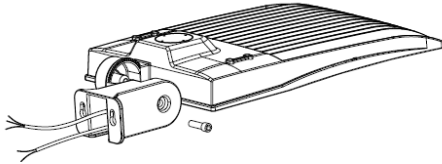


Figure 5

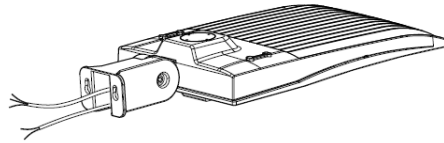


Figure 6

3. Drill holes on the wall as shown below.
4. Fasten the expansion bolts into the wall.
5. Connect the fixture to the bracket and tighten the screws. Connect the wires correctly and put them through the junction box.

