CSCLED

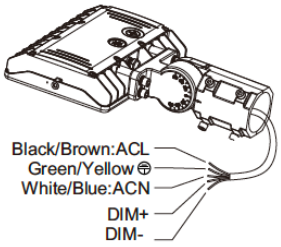
Installation Instructions

FLM Mini Flood Lights

70W/90W

WARNING: Ensure power is off before installation, wiring, or performing any maintenance on the fixture.

WIRING DIAGRAM

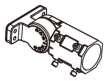


MOUNTING OPTIONS

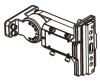

Knuckle Mount (KN)


Trunnion Mount (TR)


Yoke Mount (YK)


Slipfit (SF)


Pole Mount (PM)


Multi-Mount (MM)

INSTALLATION FOR OPTIONAL BRACKETS

1) KNUCKLE MOUNT (KN)

1. Pass the wire through the metal plate, rubber mat, and bracket (Fig. 1).
2. Lock bracket to fixture and pull wire through other side of bracket (Fig. 2).
3. Lock the bracket (Fig. 3).

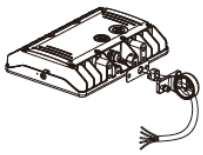


Fig. 1

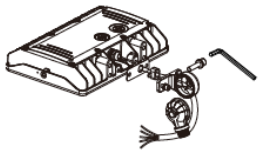


Fig. 2

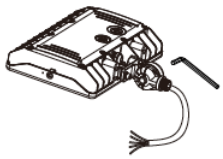


Fig. 3

2) TRUNNION MOUNT (TR)

1. Pass the wire through the bracket (Fig. 4).
2. Connect bracket to fixture (Fig. 5).

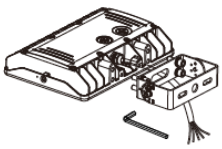


Fig. 4

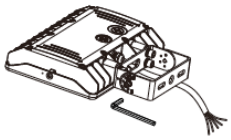


Fig. 5

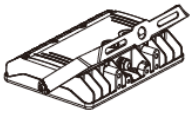


Fig. 6

3) YOKE MOUNT (YK)

1. Connect yoke bracket to fixture with supplied bolts (Fig. 6).

4) SLIPFIT (SF)

1. Separate bracket in two pieces (Fig. 7).
2. Pass the input wire of the fixture through the first half of bracket (Fig. 8).
3. Pass the cable through the second half of bracket and lock together (Fig. 9)

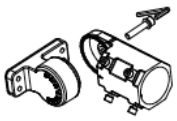


Fig. 7


Fig. 8

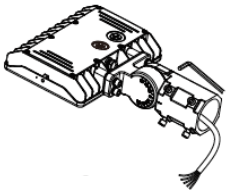


Fig. 9

5) POLE MOUNT (PM)

1. Separate bracket in two pieces (Fig. 10).
2. Pass the input wire of the fixture through the first half of bracket (Fig. 11).
3. Pass the cable through the second half of bracket and lock together (Fig. 12)

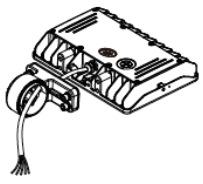


Fig. 10

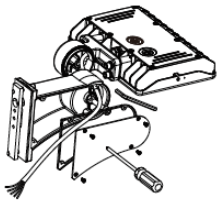


Fig. 11

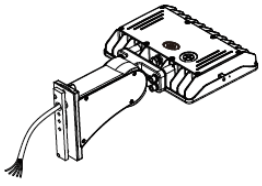


Fig. 12

6) MULTI-MOUNT (MM)

1. Separate the bracket in two pieces (Fig. 13).
2. Pass the cable through the first of bracket (Fig. 14).
3. Pass the cable through the second half of bracket and lock together (Fig. 15).

Fig. 13

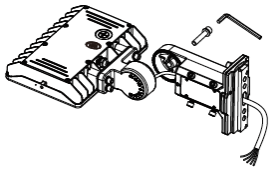


Fig. 14

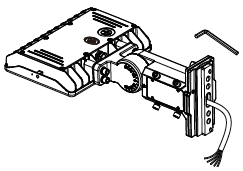


Fig. 15

INSTALLATION OF FIXTURES

1) KNUCKLE MOUNT (KN)

1. Remove fixture from packaging.
2. Connect the line, neutral and ground wires. Secure them safely according to local code. (Fig. 16).
3. Loosen the screws and adjust fixture angle as needed. Tighten screws. Note: Angle of the fixture is adjustable. Pass the threads of bracket through the mounting surface, connect with lock nut, connect power supply wires (Fig. 17).

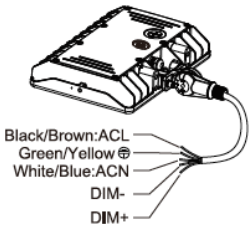


Fig. 16

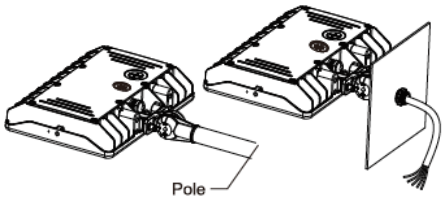


Fig. 17

2) TRUNNION MOUNT (TR)

1. Mark and drill holes for bracket (Fig. 18).
2. Knock expansion bolts into wall (Fig. 19).
3. Connect fixture to bracket and tighten screws. Connect power supply wires in junction box. Note: Adjustable angle is 0-90° (Fig. 20).

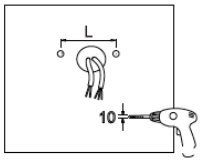


Fig. 18

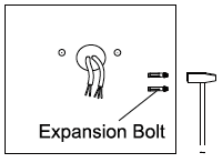


Fig. 19

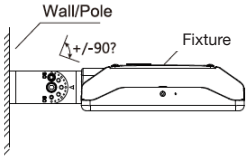


Fig. 20

3) YOKE MOUNT (YK)

1. Mark and drill holes for bracket (Fig. 21).
2. Knock the expansion bolts into the wall (Fig. 22).
3. Connect fixture to bracket and tighten screws. Connect power supply wires in junction box. Note: Adjustable angle is 0-90° (Fig. 23).

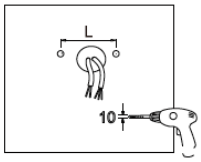


Fig. 21

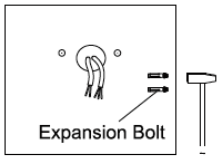


Fig. 22

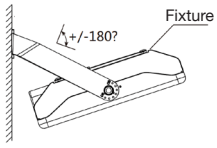


Fig. 23

4) SLIPFIT MOUNT (SF)

1. Connect power supply wires in pole. Then fasten the locking bolts between the slipfitter and the pole (Fig. 24).
2. Loosen the fixing bolts and adjusting bolts. Adjust fixture angle as desired and re-tighten adjusting bolt and fixing bolts. Note: Adjustable angle is 0-90° (Fig. 24).

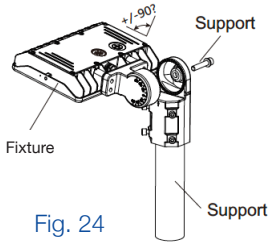


Fig. 24

5) POLE MOUNT (PM)

1. Open the access cover of the bracket and pass the power cable through bracket. Fix the bracket to the end of the fixture with bolt. Pass the power cable through the direct bracket (Fig. 25).
2. Secure the bracket to the pole with bolts. Connect the power cable and ensure wire connections are tight and secure. Close the access cover and tighten. Note: Adjustable angle is 0-35°. (Fig. 26)

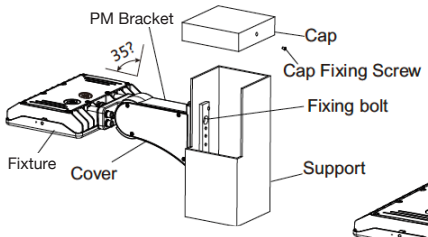


Fig. 25

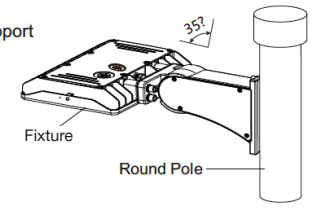


Fig. 26

6) MULTI-MOUNT (MM)

a) MULTI-MOUNT INSTALLED AS SLIP FITTER

1. Remove all parts as shown. (Fig. 27).
2. Lock the 4 bolts on the slip fitter. Connect power supply wires within access cover or pole. Fasten the locking bolts between the slip fitter and the pole (Fig. 28).
3. Loosen the adjusting bolt and adjust the fixture angle as desired. Tighten the adjusting bolts. Note: Adjustable angle is 0-90° (Fig. 28).

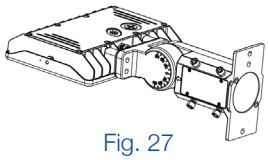


Fig. 27

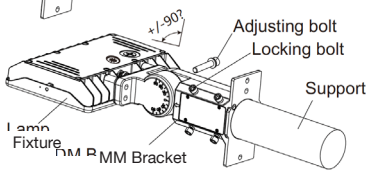


Fig. 28

b) MULTI-MOUNT INSTALLED ON POLE

1. MM bracket works for round or square poles. Remove round adapter plate for use with square pole (Fig. 29).
2. Connect MM bracket to pole with supplied bolt. Connect power cable with the pole cable and make wire connections within access cover or in pole. Close access cover and tighten screws. Note: Adjustable angle is 0-90° (Fig. 30).

NOTE: THE ROUND POLE INSTALLATION REQUIRES SUPPLIED ADAPTER PLATE (Fig. 31).

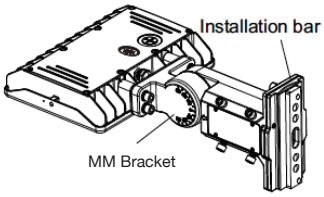


Fig. 29

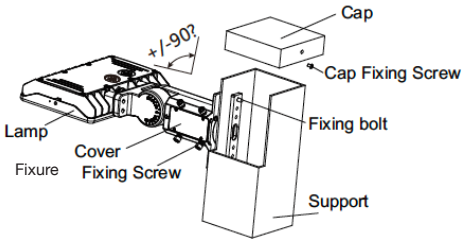


Fig. 30

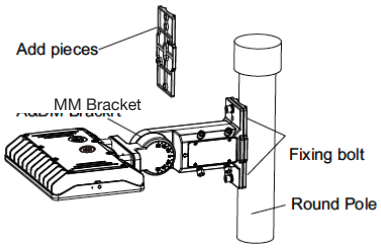


Fig. 31

PHOTOCELL, CCT, AND WATTAGE ADJUSTMENT

1. Use a screwdriver or coin to unscrew the translucent plug (Fig. 32). Red DIP switches control CCT, Blue DIP switches control photocell (DIP 1) and wattage adjustment (DIP 2, 3). Refer to switch map below:

Wattage Adjust	
Red 1	Red 2
100%	
ON	ON
90%	
	ON
OFF	
80%	
ON	
	OFF
70%	
OFF	OFF

Photocell
Blue 1
ENABLED
ON
DISABLED
OFF

CCT ADJUST	
Blue 2	Blue 3
3000K	
ON	
	OFF
4000K	
ON	ON
5000K	
	ON
OFF	

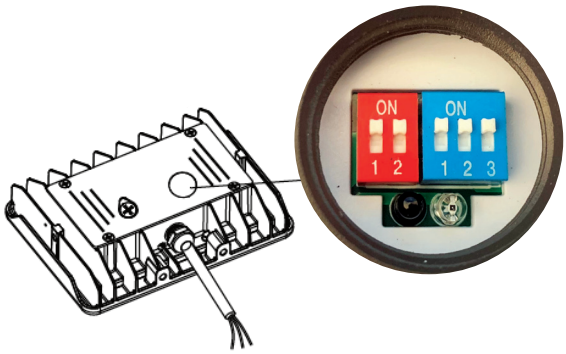


Fig. 32

STANDARD WIRE

L/live wire: Black\Brown;

N/neutral wire: White\Blue;

Ground wire: Green\Yellow-green

WARNING: Do not use with electric generator. Observe local code and regulations when installing and maintaining this fixture. Disconnect power prior to installation or maintenance. Proper grounding is required. To avoid possibility of electrical shock or fire, installation should only be performed by qualified personnel. Wear gloves to avoid injury. If any smoke or sparks occur, immediately disconnect power and troubleshoot. Check for any shipping damage. Read the installation instructions carefully. Min 75°C supply conductor.

AVERTISSEMENT: Les fils d'alimentation 75°C min. Ce produit doit être installe selon le code d'installation pertinent, par une personne qui connait bien le produit et son fonctionnement ainsi que les risques inhérents.