

# CSC LED Concorde series Flood Light Instructions

## Cautions:

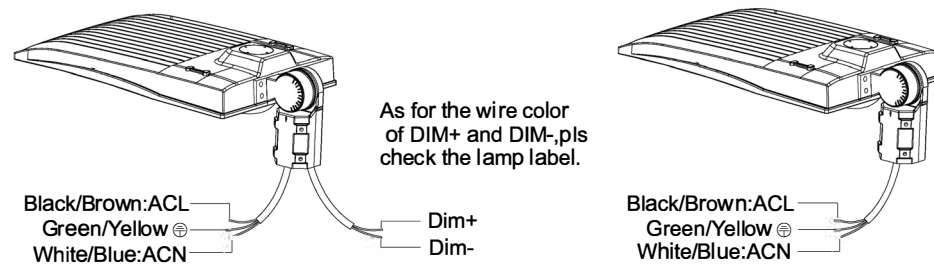
1. Do not connect to a generator.
2. Abide by local laws and regulations.
3. To avoid electrical shock and damage, please do not install this fixture in the rain.

## Notice:

1. To prevent electrical shock or fire risk, the installation must be conducted by a qualified person.
2. Please wear gloves when installing to avoid injury.
3. If any smoke or spark occurs, please turn off the power immediately and notify relevant personnel.
4. This fixture is suitable for outdoor use.

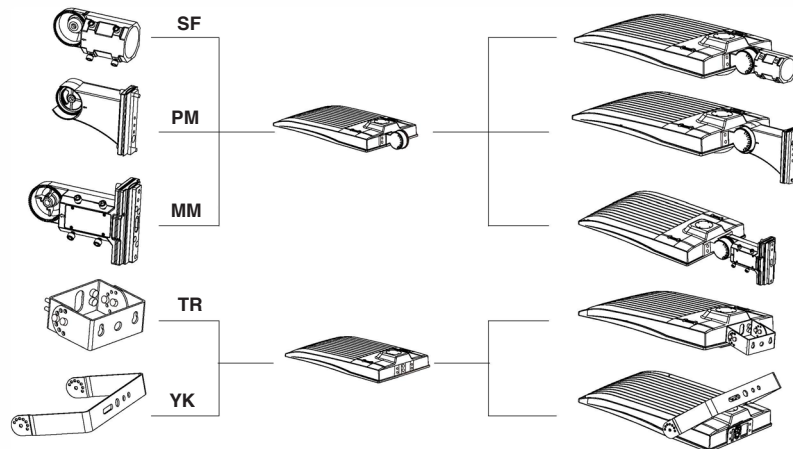
## Instructions:

1. This product has dimming and non-dimming functions (differing installation methods).
2. Three dimming methods are available for this fixture:
  - Constant current can be achieved by 1-10VDC dimming
  - PWM signal dimming
  - Variation of resistance unit dimming (Please choose the appropriate dimming function according to your needs. You can also choose not to use this function)
3. Choose the wire connection, dimming and installation according to your needs.



## Optional Brackets and Installation Instructions:

There are 5 optional brackets for this fixture.



## Installation Instructions with different brackets:

### 1. Slip Fitter Mounting (SF)

Step 1. Remove the bracket mounting screws on the fixture and run the wires through the bracket (Figure 1)

Step 2. Install the bracket to the fixture (Figure 2)

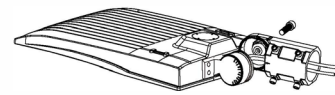


Figure 1

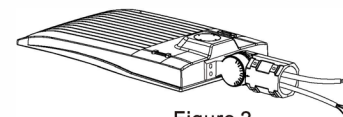


Figure 2

### 2. Pole Mounting (PM)

Step 1. Remove the bracket mounting screws on the fixture, open the side lid of the bracket and run the wires through the bracket (Figure 3)

Step 2. Install the bracket on the fixture, and close access cover (Figure 4)

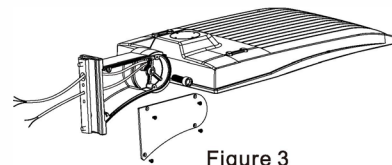


Figure 3

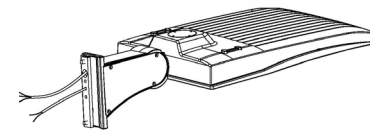


Figure 4

### 3. Trunnion Mounting (TR)

Step 1. Remove the bracket mounting screws on the fixture and run the wires through the bracket (Figure 5)

Step 2. Install the bracket on the fixture (Figure 6)

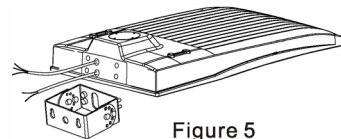


Figure 5

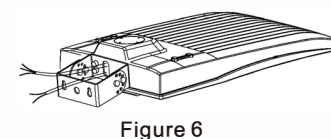


Figure 6

### 4. Multi Mount (MM)

Step 1. Remove the bracket mounting screws on the fixture and run the wires through the bracket (Figure 7)

Step 2. Install the bracket on the fixture, tighten it. (Figure 8)

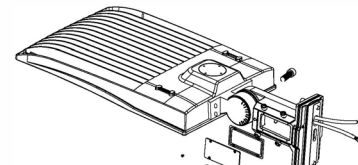


Figure 7

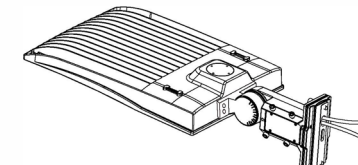


Figure 8

### 5. Yoke Mounting (YK)

Step 1. First install two large screws (Figure 9)

Step 2. Install two smaller set screws (Figure 10)

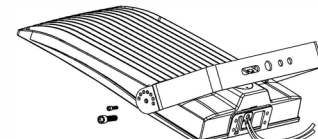


Figure 9

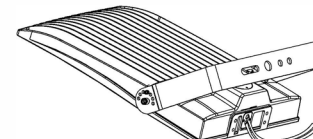


Figure 10

## Installation of LED Lamps:

### 1. Slip Fitter Mounting (SF)

Step 1. Loosen the four bolts on SF bracket, connect the wires correctly, and pull the wires into the pole (Figure 11)

Step 2. Place the bracket into the pole and lock the four bolts (Figure 12) *Notice: Adjustable angle is 0-90° (Figure 11)*

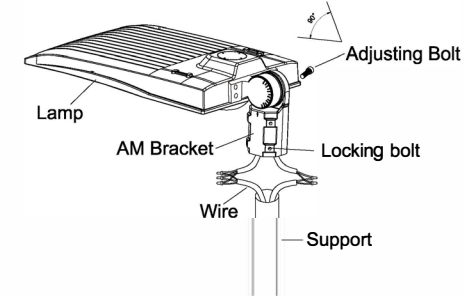


Figure 11

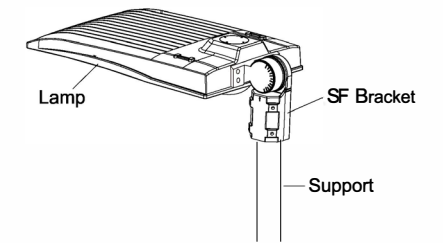


Figure 12

### 2. Pole Mounting (PM)

Step 1. Fix PM bracket to square pole with bolt, open the access cover of PM bracket, pull the wires into the junction box, and connect the wires correctly (Figure 13)

Step 2. Put the connected wires into the junction box, then cover the junction box (Figure 14) *Notice: Adjustable angle is 0-90° (Figure 13)*

For round pole installation, please remember to remove the silicone plate when installing the fixture on round pole (Figure 15)

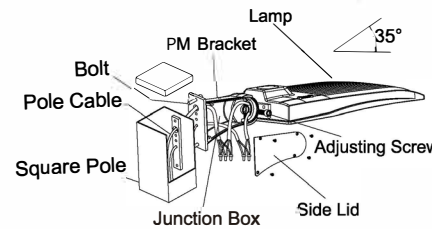


Figure 13

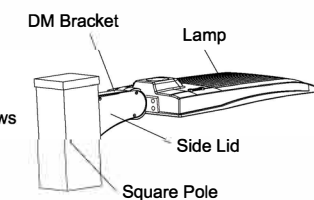


Figure 14

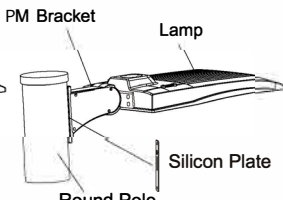


Figure 15

### 3. Trunnion Mounting (TR)

Step 1. Drill holes on the wall as shown (Figure 16)

Step 2. Knock the expansion bolts into the wall (Figure 17)

Step 3. Connect the fixture to the bracket and tighten the screws; connect the wires properly and connect them into the junction box. (Figure 18) *Notice: Adjustable angle is 0-90° (Figure 18)*

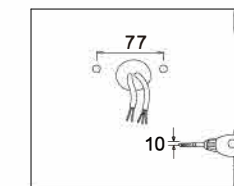


Figure 16

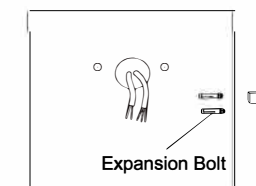


Figure 17

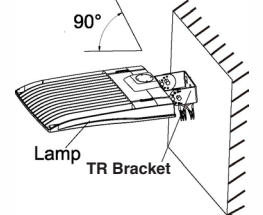


Figure 18

#### 4. Multi Mount (MM)

##### Adjustable Fitter Mounting

Step 1. Remove the spare parts from MM bracket (Figure 19)

Step 2. Loosen the four bolts on MM bracket, connect the wires correctly, and pull the wires into the poles (Figure 20)

Step 3. Place the bracket into the pole and lock the four bolts (Figure 20)

Notice: Adjustable angle is 0-90° (Figure 20)

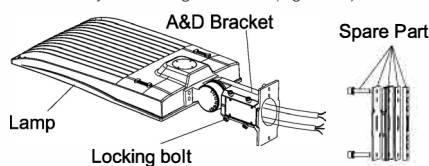


Figure 19

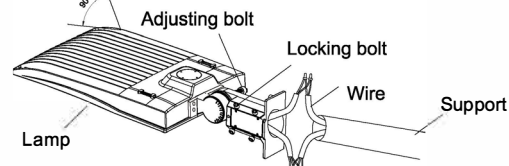


Figure 20

#### 4.2. Direct Mounting

Step 1. Remove the four bolts from MM bracket, remove the four rubber plugs from the installation bar, put the four rubber plugs into where the four bolts were previously placed on the bracket for waterproofing (Figure 21)

Step 2. Fix the MM bracket to square pole with bolt, open the cover of MM bracket junction box, pull the wires into the bracket junction box, connect the wires and cover the junction box (Figure 22)

Notice: Adjustable angle is 0-90° (Figure 22)

For round pole installation, please remember to use the adapting plate for round pole installation (Figure 23)

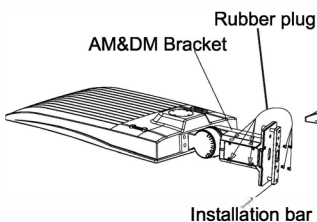


Figure 21

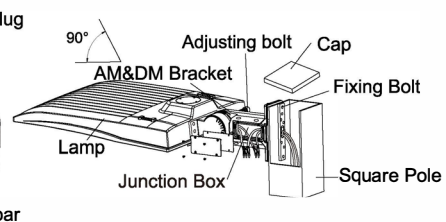


Figure 22

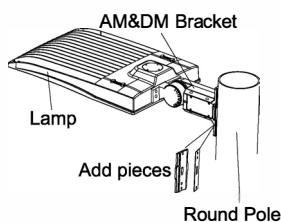
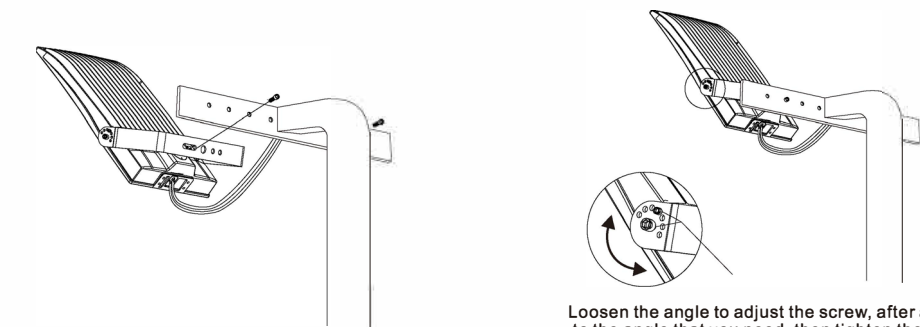


Figure 23

#### 5. Yoke Mounting (YK)

Install the mount on the fixture, tighten the mount and install the screws.



Loosen the angle to adjust the screw, after adjust to the angle that you need, then tighten the screws.

Standard wires:  
L/live wire: Black/Brown;  
N/neutral wire: White/Blue;  
Ground wire: Green/Yellow-green.

Min 75°C supply conductor

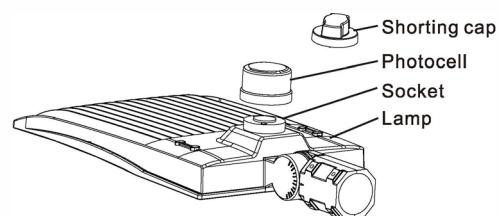
This product must be installed in accordance with electrical code by a certified electrician.

Les fils d'alimentation 75°C min

Ce 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.

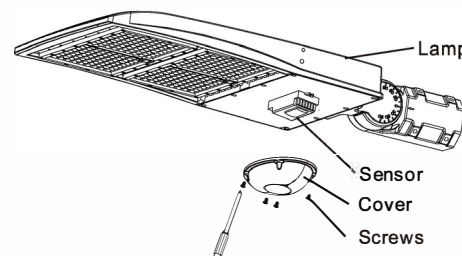
#### Instructions for Photocell

When the photocell function is required, photocell should be installed on the back of lamp; when it's not required, shorting cap should be installed on the back of lamp

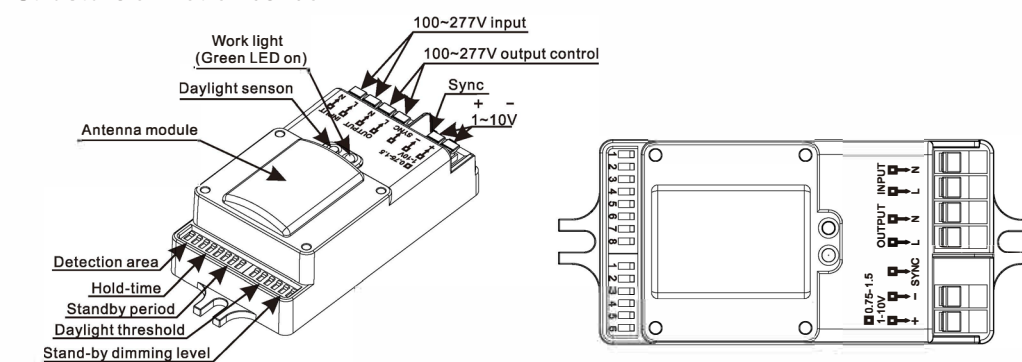


#### Instructions for Motion sensor

Open the cover above motion sensor by loosen the screws. Set the motion sensor through DIP switches as required. Lock the cover above the motion sensor with screws.



#### Structure of motion sensor



#### Function of DIP switches:

		1	2	
ON ↑	I	ON	ON	100%
	II	ON	-	75%
	III	-	ON	50%
	IV	-	-	10%

		3	4	5	
ON ↑	I	ON	ON	ON	5s
	II	-	ON	ON	30s
	III	ON	-	ON	90s
	IV	-	-	ON	3min
	V	ON	ON	-	20min
	VI	-	-	-	+∞

		6	7	8	
ON ↑	I	ON	ON	ON	0s
	II	-	ON	ON	5s
	III	ON	-	ON	5min
	IV	-	-	ON	10min
	V	ON	ON	-	30min
	VI	-	ON	-	1h
	VII	-	-	-	+∞

		1	2	3	4	
ON ↑	I	-	-	ON	ON	2Lux
	II	-	-	-	ON	5Lux
	III	-	ON	ON	-	10Lux
	IV	-	-	ON	-	25Lux
	V	-	ON	-	-	50Lux
	VI	ON	-	-	-	100Lux
	VII	-	-	-	-	Disable

		5	6	
ON ↑	I	ON	ON	50%
	II	-	ON	30%
	III	ON	-	20%
	IV	-	-	10%

Detection area  
Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.  
Factory setting: I

Hold time  
Refers to the time period the lamp remains at 100% illumination after no motion detected.  
Factory setting: I

Stand-by period  
Refers to the time period the lamp remains at a low light level before it completely switches off in the absence of motion.  
When set to "+∞" mode, the low light is maintained until motion is detected.  
Factory setting: I

Daylight sensor  
The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.  
When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.  
50lux, 30lux: twilight operation, 10lux, 5lux: operation only.  
Note that daylight sensor is active only when lamp totally switches off.  
Factory setting: VII

Stand-by dimming level  
The low light level you would like to have after the hold time in the long absence of people.  
Factory setting: I