Area/Parking Lot Shoebox LED light

Date:..... Location: .....

Product:..... Project:.....

Quantity:..... Catalog# .....





FEATURES

- Universal brackets for slip filter and round/square pole
- 100-277V or 480V input voltage available.
- Low profile housing with enhanced thermal heat sink.
- 6kV built-in plus 10kV external surge protection
- 50,000hrs Life time.

SUITABLE APPLICATIONS

- Warehouses
- Stadiums
- Factories
- Parking Lots
- Shopping Malls
- Supermarkets
- Logistic Centers
- Auto dealerships

CONSTRUCTION:

Heavy die-cast aluminum alloy housing with bronze powder-coated finish.

ELECTRICAL:

Available as 120-277V input. -20°C to 45°C,

OPTICAL SYSTEM:

High brightness lumileds LED chips.
Special PC lens with TYPE III and TYPE V distribution

INSTALLATION&MOUNTING:

Univeral mounts for slip filter and pole mounts. Easy installation.

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

CONTROLS&DIMMING

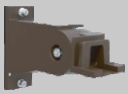
0-10V dimming comes standard.

PERFORMANCE

Model NO	Wattage	BUG	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			120V	277V		
LCAL150WT350K	150W	B3-U0-G3	1.35A	0.54A	140LM/W	5000K
LCAL300WT350K	300W	B4-U0-G4	2.75A	1.08A	140LM/W	5000K

Optional Mount Bracket:

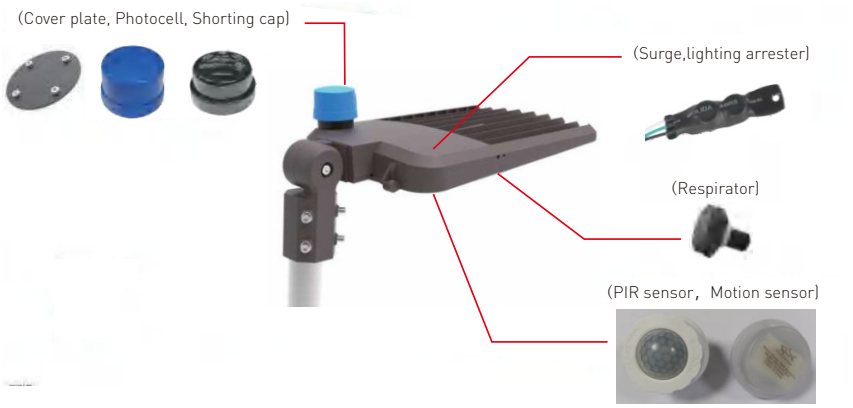




TYPE B(Square/Round polemount with slip- fitter function)



TYPE E(Trunnion)

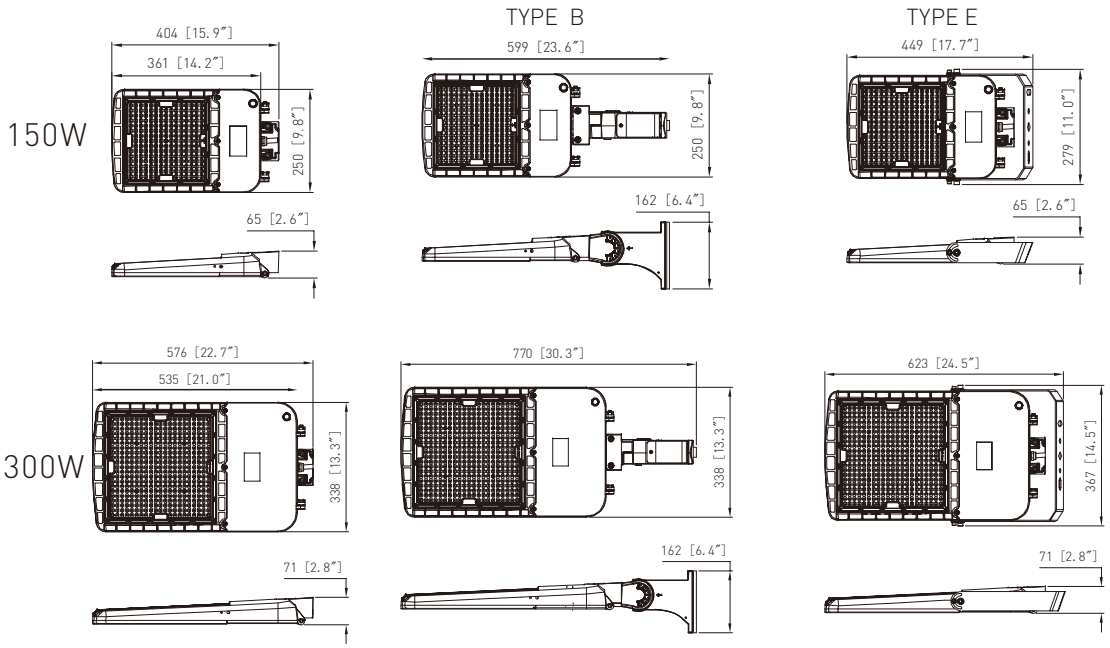


Electric Characteristic

Specification/Model	LCAL150WT350K	LCAL300WT350K
LED Driver	UL 0-10V dimmable	
Input power	150W	300W
Lumens output	21000LM	42000LM
Efficiency	140LM/W	140LM/W
CRI	＞72	＞72
Color Temperature	5000K	5000K
Input voltage	120-277V/AC	120-277V/AC
Light distribution type	TYPE III or TYPE V	TYPE III or TYPE V
Working temperature	-20+45℃	-20+45℃
Junction temperature	＜75℃	＜75℃
lamps efficiency	≥90%	≥90%
Certificate	UL CUL DLC	UL CUL DLC
Equivalent	300-450W MH/HPS	800-1000W MH/HPS

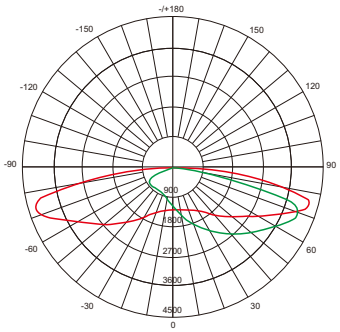
LIGHTING

DIMENSION



DISTRIBUTION DIAGRAM

LCAL150WT350K



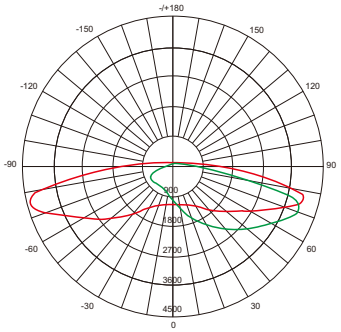
AVERAGE BEAM ANGLE(50%): 122°

UNIT:CD

Lumens:21000LM
Test Number:150W
Test Number:5000K

C0/180,113.7
C30/210,100.1
C60/240,108.6
C90/270,130.9

LCAL300WT350K



AVERAGE BEAM ANGLE(50%): 122°

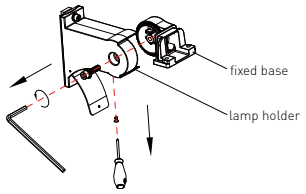
UNIT:CD

Lumens:42000LM
Test Number:300W
Test Number:5000K

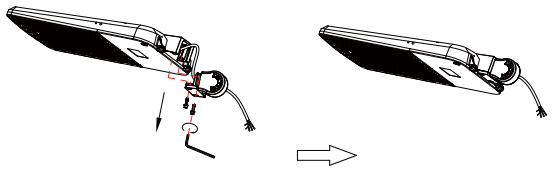
C0/180,113.7
C30/210,100.1
C60/240,108.6
C90/270,130.9

Type B-(Square/Round pole-mount with slip-fitter function)

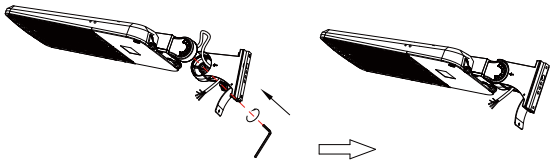
Step1:Disassemble the bracket with a wrench, open the coveron the lamp holder.



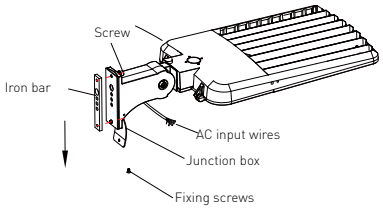
Step 2: Pass fixture's AC input wires through fixing base, tightenscrews to assemble fixing base to fixture body.



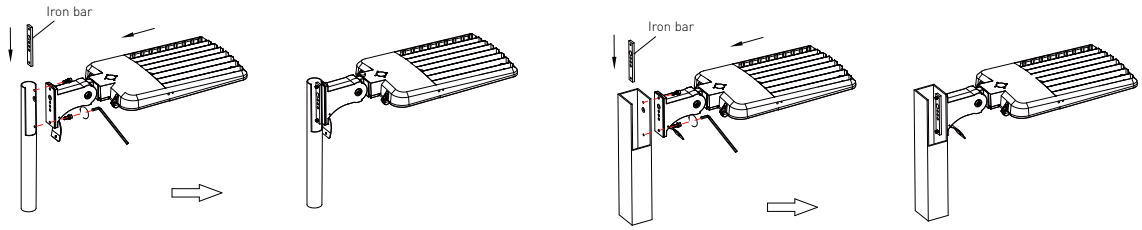
Step 3: Pass the fixture's input wires through the lamp holderand lock it.



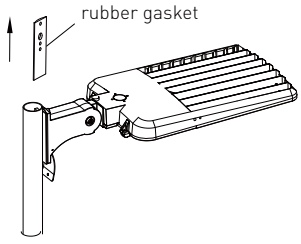
Step 4:Remove the screws with screwdriver, well set theinstalled iron bar, remove the screws to open thejunction box cover, then pass fixture's AC input wires throughjunction box as shown in step 3.



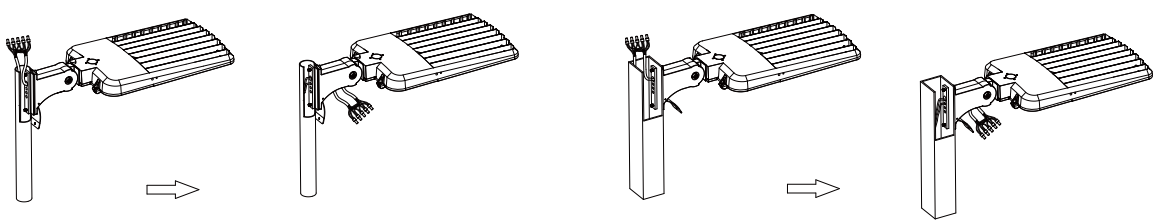
Step 5: When install to square/round pole, align the holes of Type B bracket and pole, pass the fixing screws throughout both holesthen put iron bard inside of pole to attach screws.



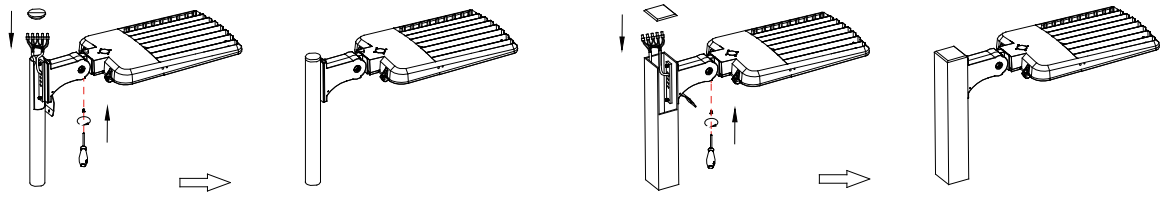
Attention: When install round pole, please remove the rubber gasket



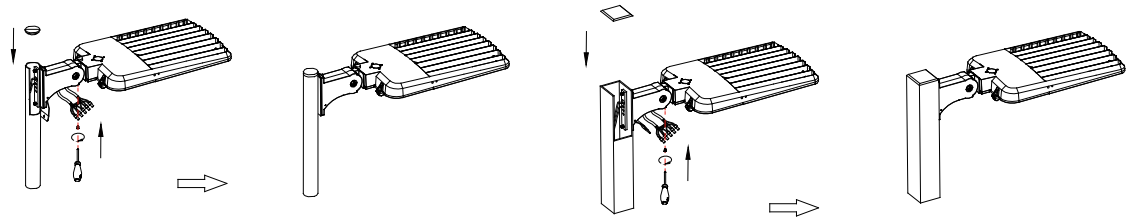
Step 6: 1. Pass the fixture's AC input wires through pole, pul them out together the pole-wires for connection,2. Pass the pole-wires into Type B bracket, pull them out together with fixture's AC wire from junction box , connect the fixtre'sAC input wires to pole-wires with connectors, L to L (black), N to N (White), PE to PE (Green); If need to connect dimming wiresfrom the pole to fixture, pleas also use the connector to connect "Dim +"(purple) to "Dim +"(purple), "Dim -"(pink) to "Dim -"(pink)



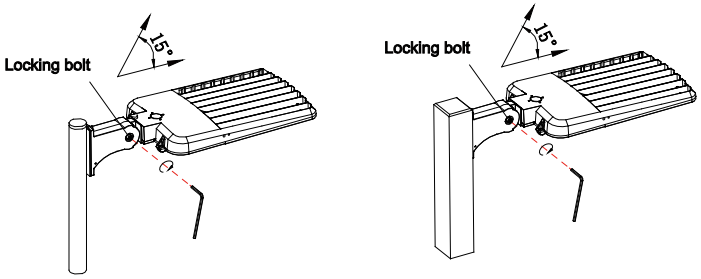
Step 7: 1. Push the connected wires into the pole, close the pole's top cover.the close the junction box cover by tightening the screws



Step 7: 2. Push the connected wires into bracket junction box, close the box cover by tightening the screws,then close thepole's top cover.

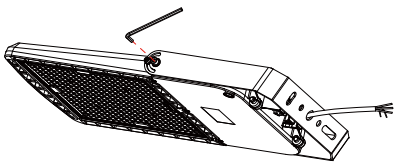


Step 8: Loosen the locking bolt by a wrench to adiust the fixture to a appropriate angle,adiustment range 15°,then tighten this lockingbolt.

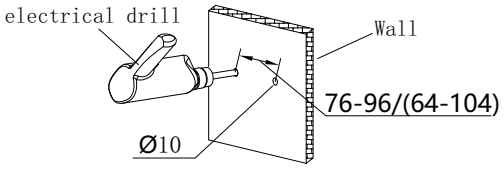


TYPE E-(Yoke)Installation

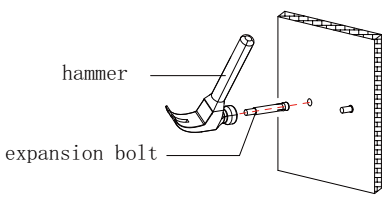
Step 1.Loosen the screws on both sides of the bracket with awrench, adjust TYPE E bracket' s angle to keep parallel with itsinstallation surface.



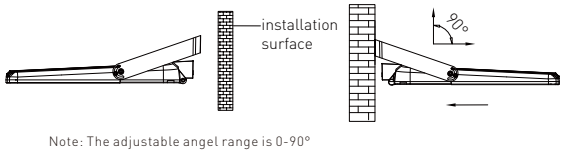
Step 2: Mark the installing hole locations on the wall with TypeE bracket, then drill the holes in 10mm diameter with an electricdril.



Step 3: Knock the one expansion bolt into each wall-holewith a hammer.



Step 4: Put Type E bracket to expansion screw for wall-installingby tightening the nut with a wrench, connect fixture's AC inputwire to L N PE, then make waterproof processing to joints,put wires back into junction box.



Note: The adjustable angel range is 0-90°