LEDSION

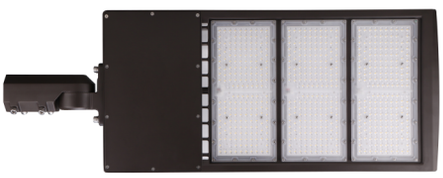
450W Parking Lot LED light

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

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

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





FEATURES

- Multiple mounts Available. slip filter, direct mount or yoke mounts
- 100-277V or 480V input voltage available. with 60121lm output.
- Robust 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 or 480V 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:

Slip filter, direct mounts or yoke mounts optional for easy installation.

WARRANTY:

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

CONTROLS&DIMMING

0-10V dimming comes standard.

PERFORMANCE

Model NO	Wattage	Viewing Angle	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			120V	277V		
LS-ESBV7E450WAT3A1-abcdefg	450W	Type III	3.75A	1.62A	133LM/W	30K/40K/50K

Model NO	Wattage	Viewing Angle	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			347V	480V		
LS-ESBV7E450WAT3H1-abcdefg	450W	Type III	1.29A	0.93A	133LM/W	30K/40K/50K

Electric Characteristic

Specification/Model	LS-ESBV7E450WAT3A1-abcdefg	
LED Driver	UL listed LED DRIVER 0-10V Dimmable	
Input power	450W	450W
Lumens output	60121LM	60121LM
Efficiency	133LM/W	133LM/W
CRI	＞82	＞82
Color Temperature	5000K	5000K
Input voltage	120-277V/AC	277-480V/AC
Light distribution type	TYPE III	TYPE III
Working temperature	-20+45℃	-20+45℃
Junction temperature	＜75℃	＜75℃
lamps efficiency	≥90%	≥90%
Certificate	UL CUL DLC	UL CUL DLC
Equivalent	1000–1500W MH/HPS	1000-1500WMH/HPS

Electric Characteristic

PRODUCT ORDERING GUIDE

LS-ESBV7E450WAT3A1-abcdefg
1 2 3 4 5

LS – ESBV7 E 450W A T3 A1 abcdefg

☑ LS Factory code

☑ ESBV7 V7 Shoebox

☑ 450W Power ☑ T3 Light distribution type

☑ A1 Input voltage 120-277V/AC
☑ H1 Input voltage 277-480V/AC

Optional Mount Bracket:





AM Slipfitter Mount



DM Direct Mount

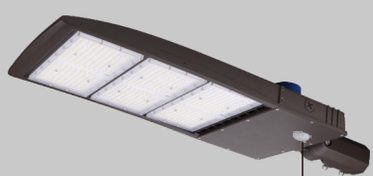


YM Yoke Mount

Optional Functions:

Photocell sensor options

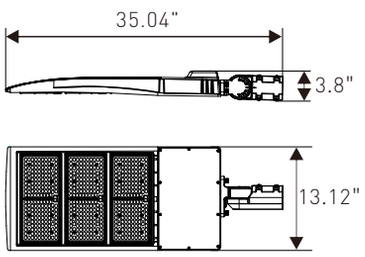




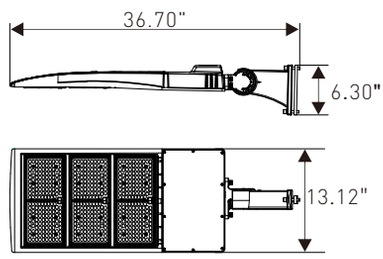
Occupancy sensor options

DIMENSION: Weight: 28lbs.

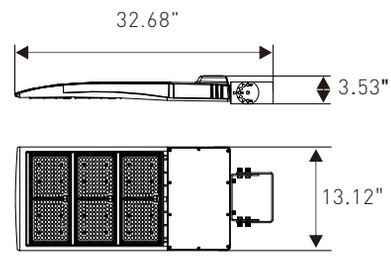
AM



DM

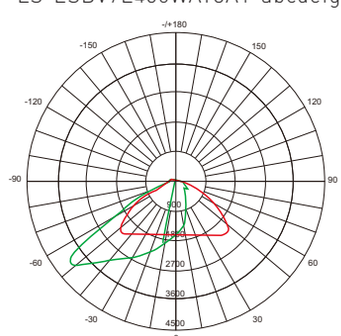


YM



DISTRIBUTION DIAGRAM

LS-ESBV7E450WAT3A1-abcdefg



AVERAGE BEAM ANGLE(50%): 122°

UNIT:CD

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

Lumens:39000LM
Test Number:450W
Test Number:5000K

Installation

1.ADJUSTABLE FITTER MOUNTING (AM)

Step 1:Loosen the four bolts on AM bracket, connect the wires correctly, and pull the wires into the poles.(Figure 1)

Step 2: Place the bracket into the pole and lock the four bolts.(Figure 2)

Notice: Adjustable angle is 0-90°(Figure 1)

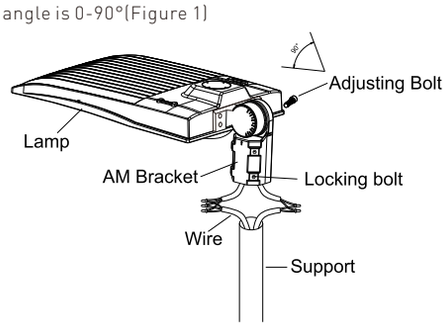


Figure 1

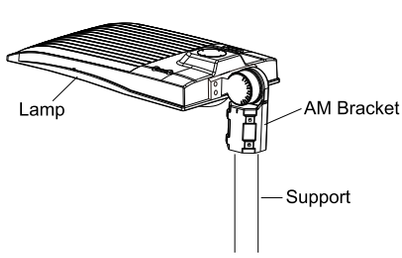


Figure 2

2.DIRECT MOUNTING (DM)

Step 1:Fix DM bracket to square pole with bolt,open the side lid of DM bracket, pull the wire into junction box, and connect the wire correctly. (Figure 3)Step 2: Put the connected wire into the junction box, then cover the junction box.(Figure 4)

Notice: Adjustable angle is 0-35°(Figure 3).

Same as round pole installation, please remember to remove the silicon plate when install the fixture in round pole(Figure 5)

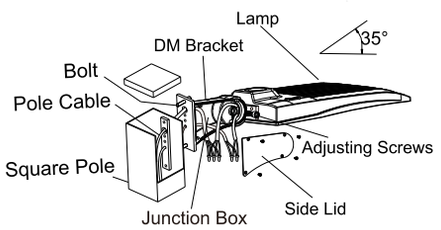


Figure 3

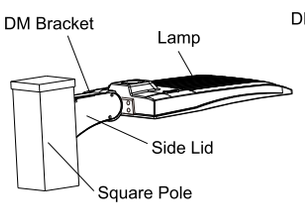


Figure 4

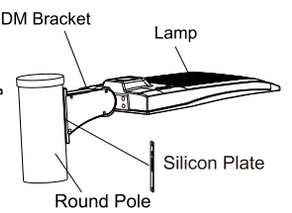


Figure 5

3.YOKE MOUNTING (YM)

Step 1: Drill holes on the wall as shown.(Figure 6)

Step 2: Knock the expansion bolts into the wall.(Figure 7)

Step 3:Connect the fixture to the bracket and tighten the screws; connect the wires properly and put them into junction box. (Figure 8)

Notice: Adjustable angle is 0-90°(Figure 8)

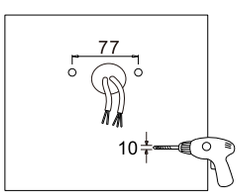


Figure 6

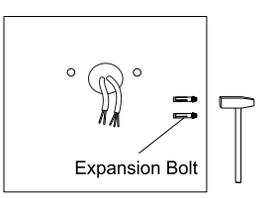


Figure 7

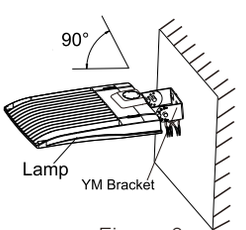


Figure 8