



Area/Parking Lot Shoebox LED light



Date:..... Location:

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

Quantity:..... Catalog#

FEATURES

- Multiple mounts Available. Easy install
- 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 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:

Wall Mounting/Pole Mounting with Different Mount bracket for 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 | 480V | | |
| LS-ESBV7E100WAT3A1 | 100W | B3-U0-G3 | 0.83A | 0.36A | 0.20A | 130LM/W | 3000K/4000K/5000K |
| LS-ESBV7E150WAT3A1 | 150W | B3-U0-G3 | 1.25A | 0.54A | 0.31A | 130LM/W | 3000K/4000K/5000K |
| LS-ESBV7E200WAT3A1 | 200W | B4-U0-G3 | 1.66A | 0.72A | 0.41A | 130LM/W | 3000K/4000K/5000K |
| LS-ESBV7E240WAT3A1 | 240W | B4-U0-G4 | 2.00A | 0.72A | 0.41A | 130LM/W | 3000K/4000K/5000K |
| LS-ESBV7E300WAT3A1 | 300W | B4-U0-G4 | 2.50A | 1.08A | 0.62A | 130LM/W | 3000K/4000K/5000K |

Optional Mount Bracket:



AM Slipfitter Mount



DM Direct Mount



YM Yoke Mount

Optional Functions:



Occupancy sensor options

Photocell sensor options



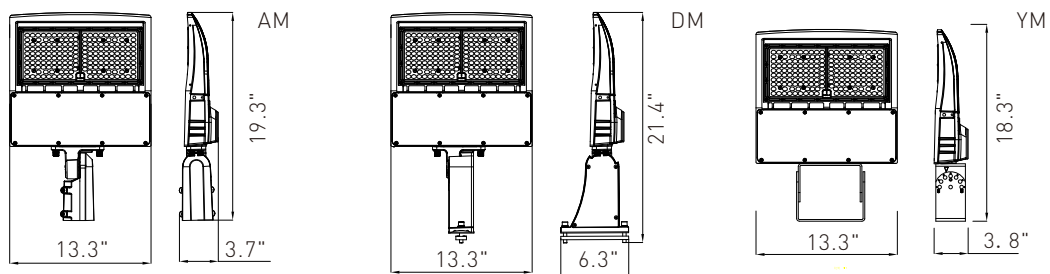
Electric Characteristic

| Specification/Model | LS-ESBV7E100WAT3A1 | LS-ESBV7E150WAT3A1 | LS-ESBV7E200WAT3A1 | LS-ESBV7E240WAT3A1 | LS-ESBV7E300WAT3A1 |
|-------------------------|--------------------------------------|--------------------|--------------------|--------------------|--------------------|
| LED Driver | UL listed BECKY Brand 0-10V dimmable | | | | |
| Input power | 100W | 150W | 200W | 240W | 300W |
| Lumens output | 13000LM | 19500LM | 26000LM | 31200LM | 39000LM |
| Efficiency | 130LM/W | 130LM/W | 130LM/W | 130LM/W | 130LM/W |
| CRI | >72 | >72 | >72 | >72 | >72 |
| Color Temperature | 5000K | 5000K | 5000K | 5000K | 5000K |
| Input voltage | 120-277V/AC | 120-277V/AC | 120-277V/AC | 120-277V/AC | 120-277V/AC |
| Light distribution type | TYPE III or TYPE V | TYPE III or TYPE V | TYPE III or TYPE V | TYPE III or TYPE V | TYPE III or TYPE V |
| Working temperature | -20+45°C | -20+45°C | -20+45°C | -20+45°C | -20+45°C |
| Junction temperature | <75°C | <75°C | <75°C | <75°C | <75°C |
| lamps efficiency | ≥90% | ≥90% | ≥90% | ≥90% | ≥90% |
| Certificate | UL CUL DLC | UL CUL DLC | UL CUL DLC | UL CUL DLC | UL CUL DLC |
| Equivalent | 200-300W MH/HPS | 300-450W MH/HPS | 450-600W MH/HPS | 600-800W MH/HPS | 800-1000W MH/HPS |

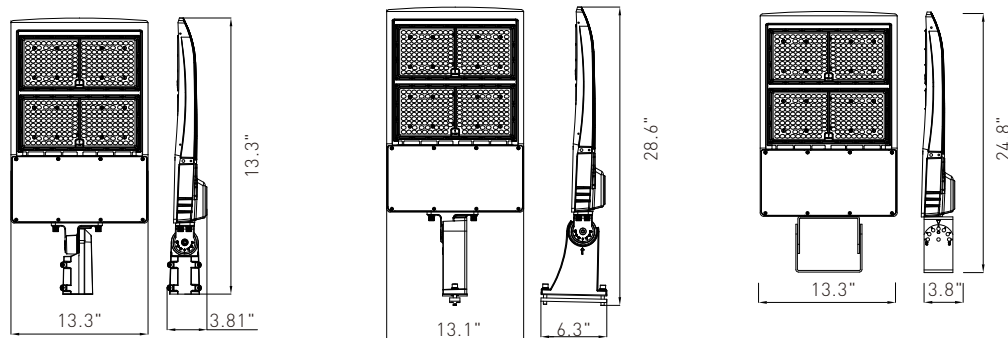
Electric Characteristic

| Specification/Model | LS-ESBV7150WCT3H1 | LS-ESBV7300WCT3H1 |
|-------------------------|---|--------------------|
| LED Driver | UL listed SOSEN LED DRIVER 0-10V dimmable | |
| Input power | 150W | 300W |
| Lumens output | 19500LM | 5000LM |
| Efficiency | 130LM/W | 130LM/W |
| CRI | >72 | >72 |
| Color Temperature | 5000K | 5000K |
| Input voltage | 277-480V/AC | 277-480V/AC |
| Light distribution type | TYPE III or TYPE V | TYPE III or TYPE V |
| Working temperature | -20+45°C | -20+45°C |
| Junction temperature | <75°C | <75°C |
| lamps efficiency | ≥90% | ≥90% |
| Certificate | UL CUL DLC | UL CUL DLC |
| Equivalent | 300-450W MH/HPS | 800-1000WMH/HPS |

DIMENSION

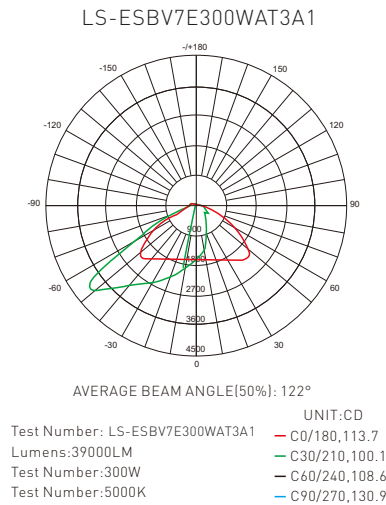
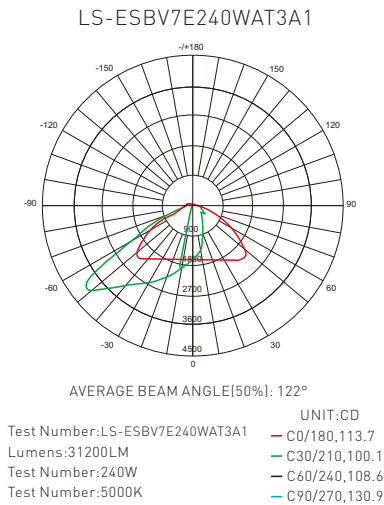
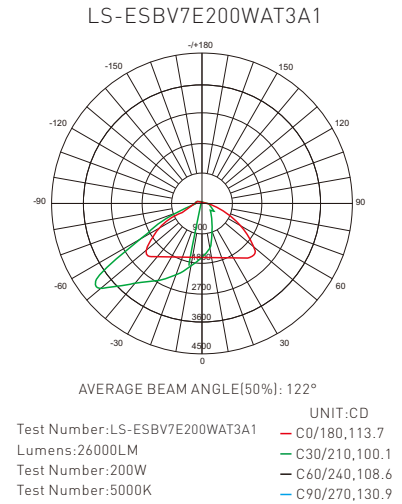
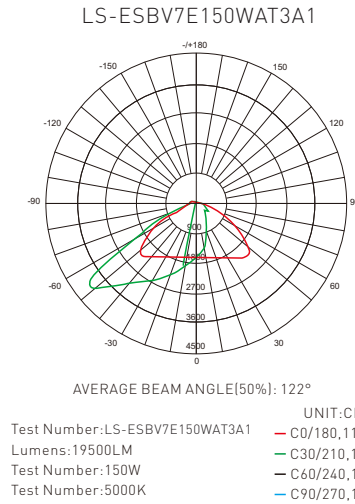
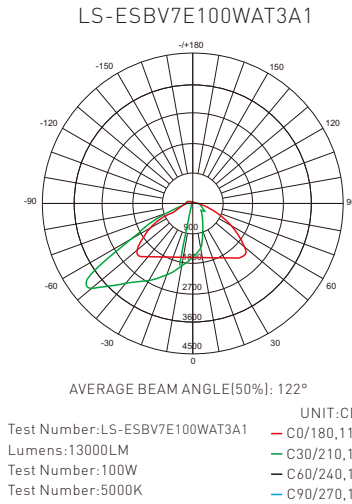


100W/150W



200W/240W/300W

DISTRIBUTION DIAGRAM



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)

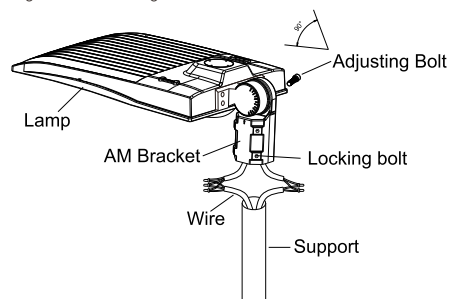


Figure 1

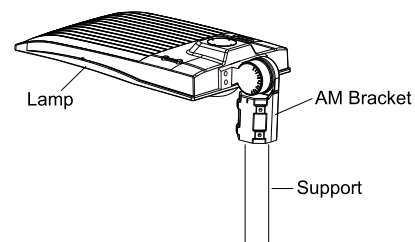


Figure 2

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)

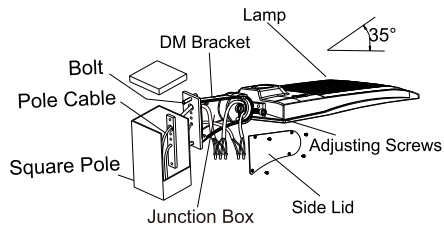


Figure 3

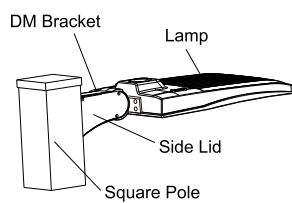


Figure 4

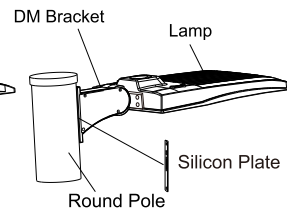


Figure 5

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)

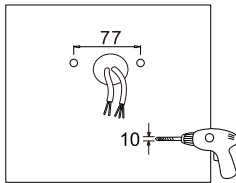


Figure 6

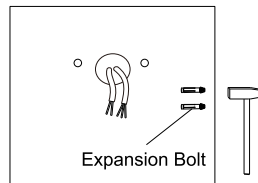


Figure 7

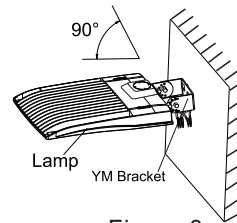


Figure 8