# Selectable LED Area Light

WSD LED INC
Green Lighting Resources

## Wattages: 60W,90W,120W,150W;120W,180W,240W,300W



The Selectable LED Area Lighting Series can be widely used in Outdoor Settings Excellent for Parking Lots, Pedestrian Walkways, Roadways, Tennis Courts, Basketball Courts, Stadiums, Arenas, Schools, Residential Areas and many other applications.

Lighting controls meet design lights consortium (DLC) networked lighting control system technical requirements, LLLC, Energy Monitoring and High End Trim function.

## Features:

- Optical design, greatly improved the light utilization and evenness
- High efficiency LED Driver, voltage AC120-277V/277-480V
- Cast Aluminum design, better cooling, light quality, LED Tj <85°C
- Photocell Control & Motion Sensor (Optional)
- 0-10V dimming (10%-100%) standard
- CCT:3000-5000K
- 5 years manufacturer warranty
- Compatible with most Lutron and Leviton dimmers

## Packaging information:

❖**WSD-AL691215W27-345K-D**
**WSD-AL691215W48-345K-D**
530MMX370MMX120MM(1Pcs/CTN)
(20.87" X14.57" X4.72" )

❖**WSD-AL12182430W27-345K-D**
**WSD-AL12182430W48-345K-D**
660MMX370MMX120MM(1Pcs/CTN)
(25.98" X14.57" X4.72" )

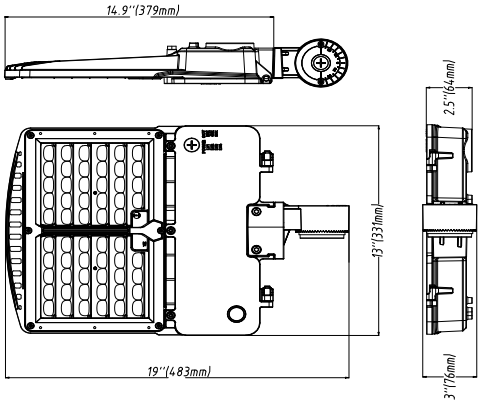
| SPECIFICATION | | | | |
|---|---|---|---|---|
| TYPE | WSD-AL691215W27-345K | WSD-AL691215W48-345K | WSD-AL12182430W27-345K | WSD-AL12182430W48-345K |
| WATTAGE | 60W/90W/120W/150W | 60W/90W/120W/150W | 120W/180W/240W/300W | 120W/180W/240W/300W |
| LUMEN | 24239 lm(150W&4000K) | 24129 lm(150W&4000K) | 49432 lm(300W&4000K) | 49231 lm(300W&4000K) |
| EFFICACY | > 150 lm/W | | | |
| CCT | 3000K,4000K,5000K | | | |
| CRI | > 70 | | | |
| INPUT VOLTAGE | AC120-277V/277-480V | | | |
| LIGHTING ANGLE | 120° | | | |
| FACTORY SETTINGS | 150W & 4000K | | 300W & 4000K | |
| LED TYPE | SMD2835 | | | |
| PF | > 0.98 | | | |
| DRIVER EFFICIENCY | > 90% | | | |
| PROTECTION LEVEL | Wet location | | | |
| LIFE TIME | > 75000 hours | | | |
| OPERATING TEMPERATURE | -22°F ~ 113°F | | | |
| WARRANTY | 5 year limited | | | |

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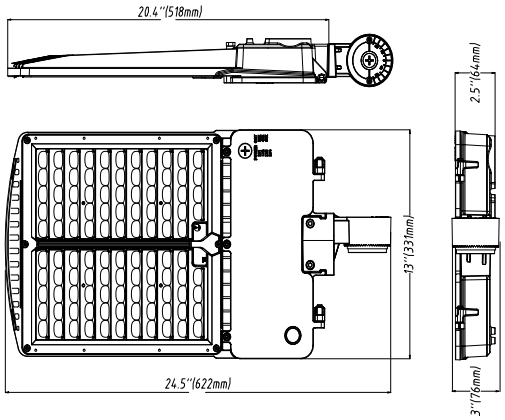
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### DIMENSION:




60-150W




120-300W

### SPECIFICATIONS:

Shell materials: Aluminum & PC.
Net weight : 7.8 lbs (150W)
11.0 lbs (300W)
Finish: Dark Bronze(Standard)
Product Size:
150W:483X331X64mm
19"X13"X2.5"
300W:622X331X64mm
24.5"X13"X2.5"

## MOUNTING OPTIONS:(SOLD SEPARATELY)



### WSD-NEWSBARM2-D

Arm Mount Square and Round poles) Standard versatile mounting arm is simple to install and can be used with existing poles for fit installations.



### WSD-NEWSBSF2-D

Slipfitter Mount An optional cast aluminum mast arm adapter secures fixture head to nominal 2"(2-3/8"O.D. pipe size) horizontal steel tenon arm.



### WSD-AL-T-D

Wall Mount Trunnion is easy to install for direct wall mounting with 1/2' conduit wiring mounting.



### WSD-AL-150W-HOOD-D
### WSD-AL-300W-HOOD-D

Shielding for 60-150W CCT 3000-5000K Area Lights and Shielding for 120-300W CCT 3000-5000K Area Lights.

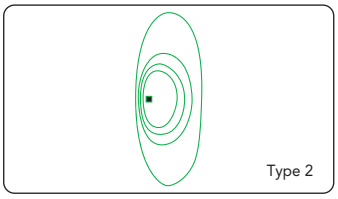
## PHOTOMETRICS:

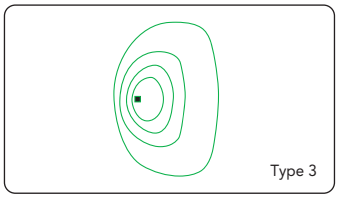
**Type 2:**
Type 2 optics produce a symmetrical pattern that evenly shines light on both sides of the lamp. In a back-to-back configuration, it creates a rectangular

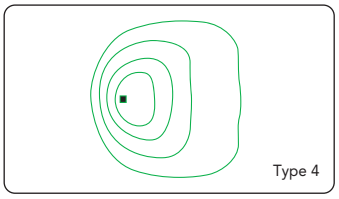
**Type 3:**
Type 3 optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern

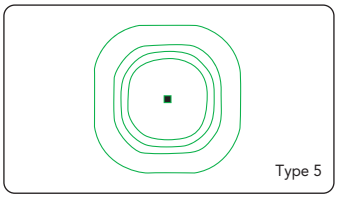
**Type 4:**
Type 4 is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.

**Type 5:**
Type 5 optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type 5 luminaires is universal for most area lighting applications



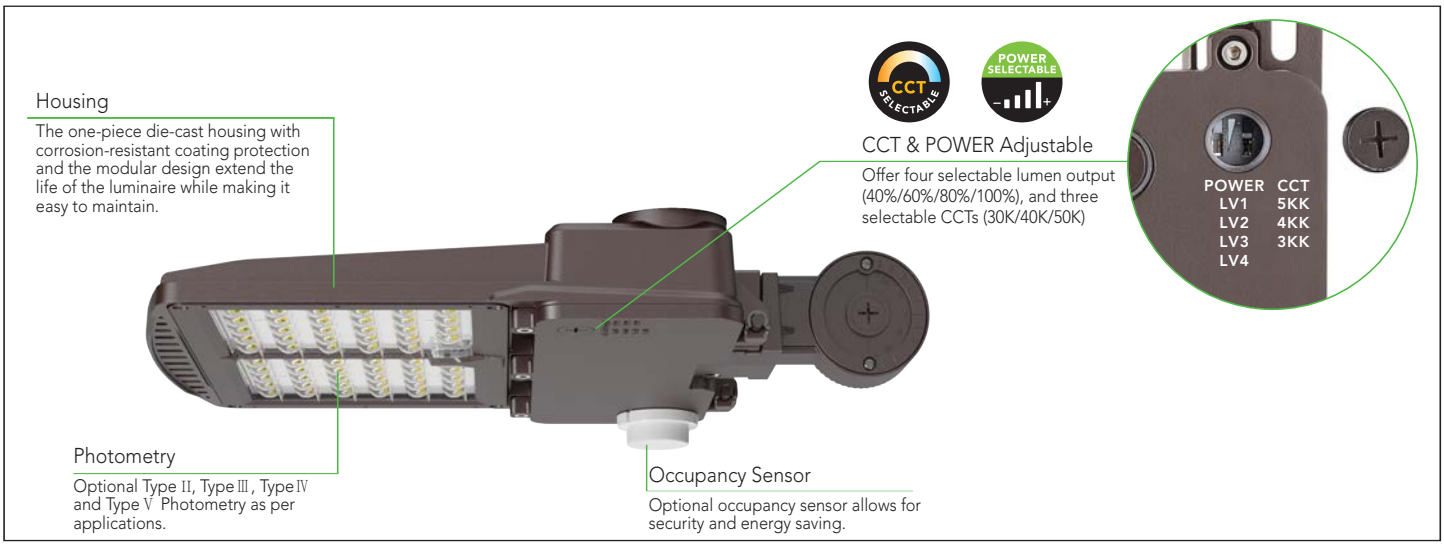



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## CONTROL MODULE:




## EPA OF AREA LIGHT

| Item | 1 | 2 @90° | 2 @120° | 2@180° | 3 @90° | 3 @120° | 4 @90° |
|---|---|---|---|---|---|---|---|
| 60W/90W/120W/150W | 0.3632 | 0.6849 | 0.8861 | 0.7264 | 1.0481 | 1.2078 | 1.0481 |
| 120W/180W/240W/300W | 0.4758 | 0.8091 | 1.059 | 0.9516 | 1.2849 | 1.3923 | 1.2849 |

## PERFORMANCE

| SPECIFICATION | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE | WSD-AL691215W27-345K/WSD-AL691215W48-345K | | | | | | | | | | | |
| POWER | 60W (TYPEIII) | | | 90W (TYPEIII) | | | 120W (TYPEIII) | | | 150W (TYPEIII) | | |
| CCT | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
| LUMENS | 10418 | 10631 | 10817 | 15243 | 15980 | 15826 | 18858 | 20044 | 19527 | 22392 | 24239 | 23185 |
| EFFICACY | > 160 | > 170 | > 170 | > 160 | > 170 | > 160 | > 150 | > 170 | > 160 | > 140 | > 160 | > 150 |

| SPECIFICATION | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE | WSD-AL12182430W27-345K/WSD-AL12182430W48-345K | | | | | | | | | | | |
| POWER | 120W (TYPEIII) | | | 180W (TYPEIII) | | | 240W (TYPEIII) | | | 300W (TYPEIII) | | |
| CCT | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
| LUMENS | 21387 | 22342 | 22605 | 30764 | 33102 | 32562 | 37757 | 41179 | 39783 | 44379 | 49432 | 46876 |
| EFFICACY | > 170 | > 180 | > 180 | > 160 | > 180 | > 170 | > 150 | > 170 | > 160 | > 140 | > 170 | > 150 |

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## PHOTOCELL & MOTION SENSORS ( SOLD SEPARATELY)

| | | | |
|---|---|---|---|
|  | **Photocell**<br>**No. OJ-M715-B**<br>Finish: Blue<br>USE: Used for outdoor LED lamps, working with light sensing principle , the OJ-M715-B sensor (OJ-M715-B for 120-277V ) is used for Light sensor. |  | **Motion Sensor Remote Controller**<br>**RC100**<br>Remote Controller<br>(Can only be used for NLC-MW-PT-002) |
|  | **NLC-PC-001**<br>Photocell |  | Bluetooth<br>**NLC-BT-MW-GE-001**<br>Bluetooth Microwave Fixture Sensor<br>(GEBC Bluetooth) |
|  | **NLC-MW-PT-002**<br>Bi -level microwave Sensor |  | Bluetooth<br>**NLC-BT-MW-SR-001**<br>Bluetooth Microwave Fixture Sensor<br>(Silvair Bluetooth) |
| | | | |

## ORDERING INFORMATION:

**EXAMPLE: WSD-AL691215W27-345K-Z[D,W,B,S]-TN-U[S,A,T]-Y[Blank,P]-E[Blank,M]**

| WSD | AL | 691215 | 27 | 345K | Z | TN | U | Y | E |
|---|---|---|---|---|---|---|---|---|---|
| COMPANY | PRODUCT | POWER | VOLTAGE | CCT | FINISH | LIGHT ANGLE | MOUNLIGHT | CONTROL | CONTROL |
| **WSD** - (WSD LED INC) | **AL** L ED Area Light | **691215** (60W/90W/ 120W/150W)<br>**12182430** (120W/180W/ 240W/300W) | **27** AC120-277V<br>**48** AC277-480V | **345** 4000K/4000K /5000K | **D** (Dark Bronze)<br>**W** (White)<br>**B** (Black)<br>**S** (Silvery) | **T2**(Type II)<br>**T3** (Type III)<br>**T4** (Type IV)<br>**T5** (Type V) | **S** (Slip fitter)<br>**T** (Trunnion)<br>**A** (Arm) | **P** Photocell | **M** Motion Sensor |

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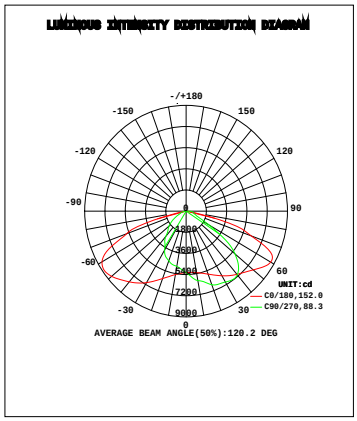
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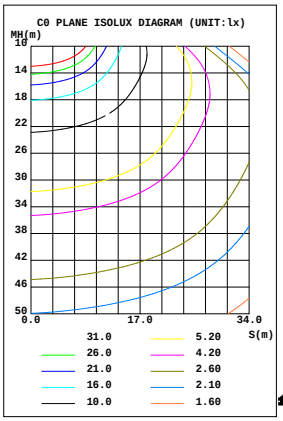
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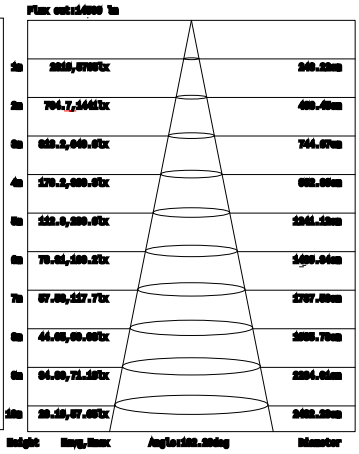
### PHOTOMETRICS:

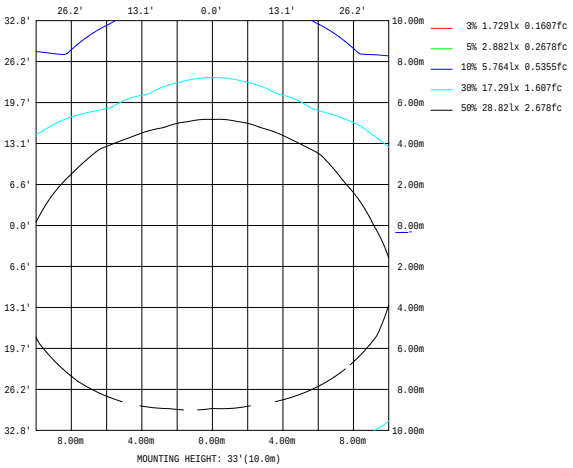
*For complete IES files, please visit our website.*

**WSD-AL691215W27-345K-D (150W,4000K,TypeIII)**




**WSD-AL12182430W27-345K-D (300W,4000K,TypeIII)**

