# LED Area Light/Shoe Box Series

## Wattage: 400W

Our Area Light/Shoebox Series is the best option to replace 100W to 1000W metal halide luminaires. The slim profile design delivers maximum efficiency. A wide range of lumen packages for any type of applications. With extensive selection of accessories, including photocell receptacles, motion sensor, mountings and finish colors.

Ideal for commercial parking lots, car dealership, walk ways, street lighting, and places where much needed light.

### FEATURES

- Lumileds LED, high luminous efficiency and long working life.
- High efficiency LED Driver, the wide range input voltage AC120-277V/AC 277-480V.
- Die-cast aluminum cooling design, high quality and better cooling for LED Tj < 85°C.
- Excellent optics design, greatly improve the light utilization and evenness.
- Motion sensor control available (Optional)

| SPECIFICATION | |
|---|---|
| WATTAGE | 400W |
| LUMEN | 56783 lm |
| EFFICACY | 141 lm/W |
| CCT | 4000K, 5000K |
| CRI | 70 |
| INPUT VOLTAGE | AC120-277V / AC277-480V |
| DISTRIBUTION | Type II, Type III, Type IV, Type V |
| POWER FACTOR | 0.95 |
| DRIVER EFFICACY | 90% |
| DIMMING | 0-10Vdc |
| LIFE SPAN | over 50,000 hrs |
| WORKING TEMPERATURE | -22°F ~ 113°F |
| STORAGE TEMPERATURE | -40°F ~ 176°F |
| OUTDOOR RATING | Wet location / IP65 |
| CABLE | 3 core, 18AWG 0.5m |
| WARRANTY | 5 year limited |

### ORDERING INFORMATION

EXAMPLE:

| AL | LSB | 40W | 27 | 50K | Z | TN | U | Y | # |
|---|---|---|---|---|---|---|---|---|---|
| COMPANY | PRODUCT | WATTAGE | VOLTAGE | CCT | FINISH | DISTRIBUTION | MOUNTING | CONTROL 1 | CONTROL 2 |
| AL | LSB (Shoebox) | **40W** - (400W) | **27** (AC120-277V)<br>**48** (AC277-480V) | **40K** - (4000K)<br>**50K** - (5000K) | **D** - (Dark Bronze)<br>**W** - (White)<br>**B** - (Black)<br>**S** - (Silver) | **T2** - (Type II)<br>**T3** - (Type III)<br>**T4** - (Type IV)<br>**T5** - (Type V) | **S** - (Slipfitter)<br>**A** - (Arm)<br>**T** - (Trunnion) | **P** - (Photocell) | **M** - (Motion Sensor)<br>**RC** - (Remote Controller) |

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### CONTROLS (SOLD SEPARATELY)

**P**
Photocell

**M**
Motion Sensor

**RC**
Remote Controller

**GATEWAY**

### MOUNTING OPTIONS

**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.

**NEWSBARM2-D**
Arm Mount 4" and 5" Square and Round poles. Standard versatile mounting arm is simple to install and can be used with existing poles for retro installations.

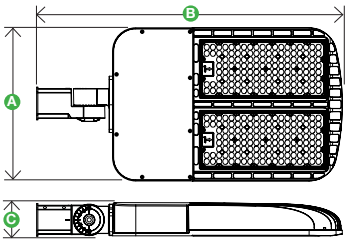
**SFARM2-D** SFARM2 Mount An optional cast aluminum mast arm adapter secures fixture head to nominal 2''(2-3/8''O.D. pipe size) horizontal steel tenon arm.

**SBT-D**
Easy to install for direct wall mounting with 1/2" conduit wiring.

**SADP-BAR-D** Square tube light bar installation, with Arm installation of lamps.

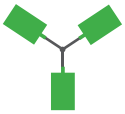
**ARM-BAR-D** Square tube light bar installation, with Arm installation of lamps.

### DIMENSION / EPA DETAILS




**A**-14.57" x **B**-25.53" x **C**-3.16"

| GROSS WEIGHT | 23 lbs | BOX DIMENSION | 28.74" x 17.32" x 6.1" |
|---|---|---|---|

| CONFIGURATION | 1 | 2 @ 180° | 2 @ 90° | 3 @ 90° |  3 @ 120° | 4 @ 90° |
|---|---|---|---|---|---|---|
| EPA | 0.86 ft² | 1.72 ft² | 1.38 ft² | 2.24 ft² | 2.10 ft² | 2.76 ft² |
| NET WEIGHT | 21.4 lbs | 42.8 lbs | 42.8 lbs | 64.2 lbs | 64.2 lbs | 85.6 lbs |

### ELECTRICAL LOAD

| WATTAGE | CURRENT (VOLTAGE) (AMP) | | | | | |
|---|---|---|---|---|---|---|
| | 120V | 208V | 240V | 277V | 347V | 480V |
| | 3.33 Amp | 1.92 Amp | 1.66 Amp | 1.44 Amp | 1.15 Amp | 0.83 Amp |

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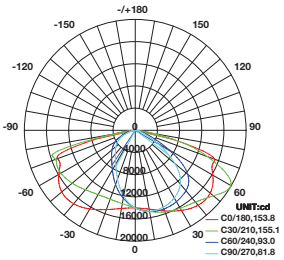
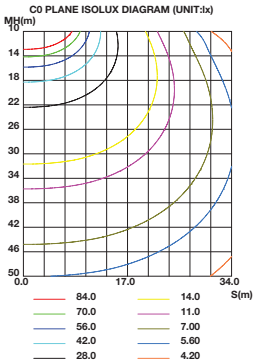
### DISTRIBUTION

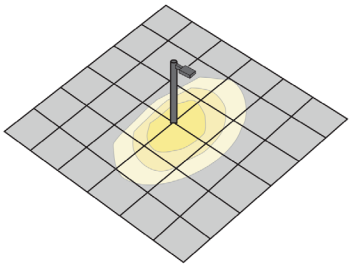
#### TYPE II

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM




AVERAGE BEAM ANGLE(50%):121.0 DEG

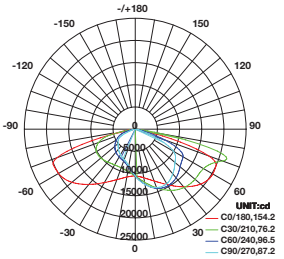


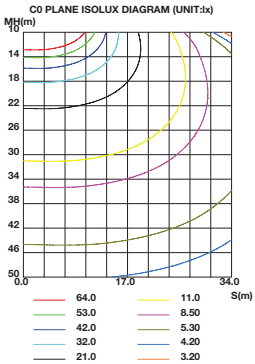
**TYPE II**
Type II optics produce a symmetrical pattern that evenly shines light on both sides of the lamp. In a back-to-back configuration, it creates a rectangular pattern.

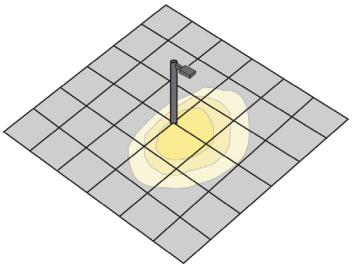
#### TYPE III

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM




AVERAGE BEAM ANGLE(50%):103.5 DEG

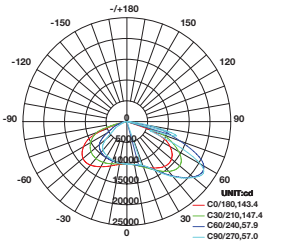


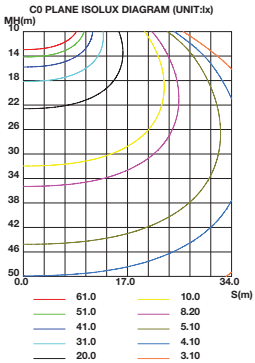
**TYPE III**
Type III optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern.

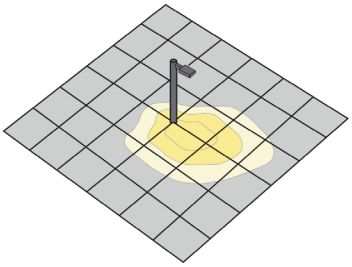
#### TYPE IV

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM




AVERAGE BEAM ANGLE(50%):101.4 DEG

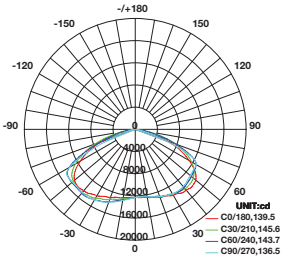


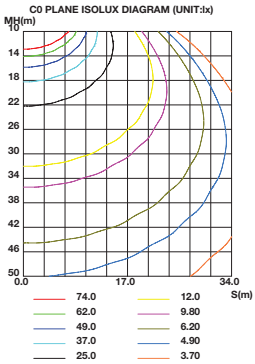
**TYPE IV**
Type IV is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.

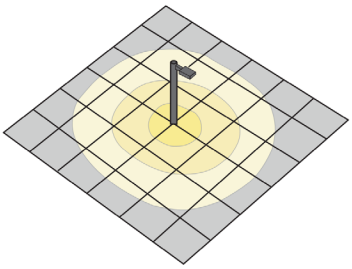
#### TYPE V

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM




AVERAGE BEAM ANGLE(50%):141.4 DEG



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