# LED AREA LIGHTS

Delivering a new standard in engineering and superior lighting technology.

SATCO® | NUVO®

# A NEW STANDARD IN AREA LIGHTING

**Our latest LED area lights are engineered for the highest performance in multiple applications!**

Built rugged using die cast aluminum and impact resistant lenses, these IP65 fixtures are all-weather tough. Offered in a type III distribution from 100W–300W, in 4000K & 5000K and in three voltage packages; 100-277V, 100V-347V, & 277-480V, these area lights are built to meet a vast number of applications.

# TYPE III

The type III distribution is meant for roadway lighting, general parking areas and other areas where a larger area of lighting is required.

# A FULL SUITE OF MOUNTING ACCESSORIES

**Accessories include direct pole mounts, universal mounts, yoke and trunnion mounts.**

Also offered is a unique fixed arm mount or articulating extended slip-fitter with integrated junction boxes that feature sensor knockouts to ease installation (see page 4). Available sensors and controls include photocells, PIR sensors and microwave sensors. Cutoff shields are also available to eliminate light trespass as well as additional 10KV surge protection accessories.

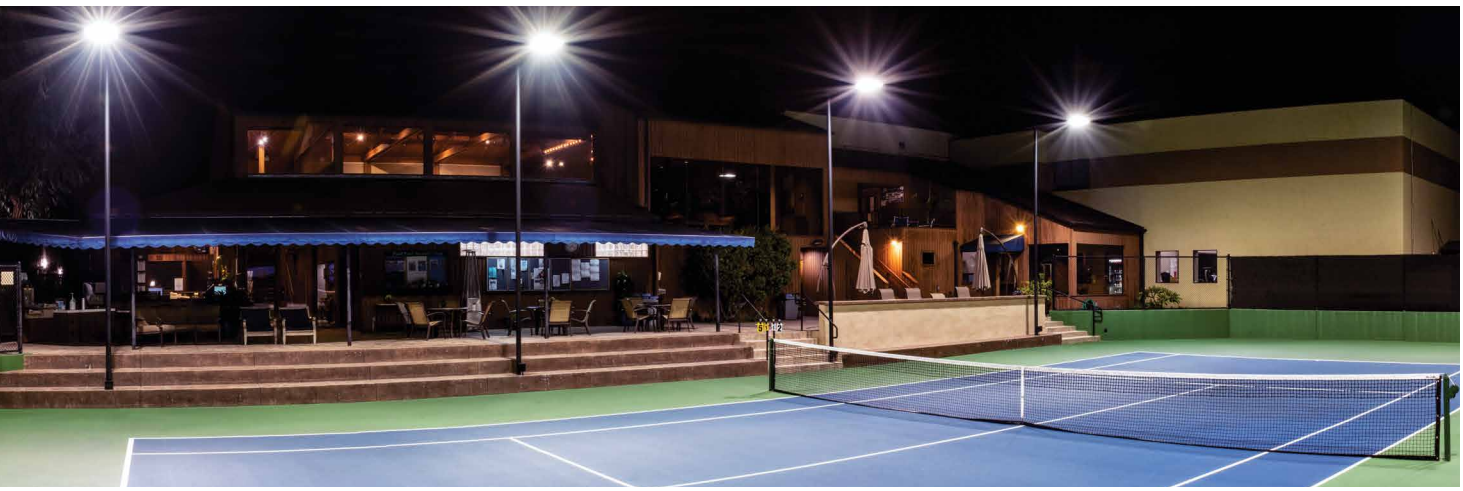
**Each maintenance-free area light comes complete with a 2 3/8″ slip-fitter mount standard.**

# Superior Lighting

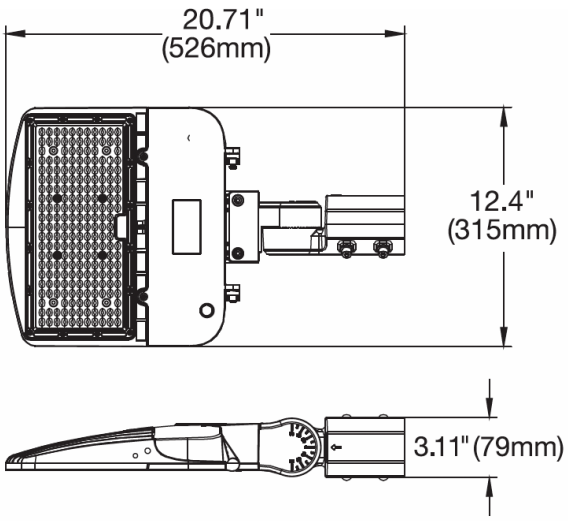
## 100W/150W

LED Area Light Type III

- Bronze Powder Coated Finish for All Weather Durability
- 0-10V Dimming
- Built-In 4KV Surge Protection
- IP65 Rated
- 50,000 Hours Life
- 5 Year Warranty



## Dimensional




## Photocells, Sensors & Surge Suppression Accessories:

- **86/221**: Photocell For 100-277V Versions
- **86/223**: Photocell For 277-480V Versions
- **86/227**: PIR Sensor 100-277V
- **86/228**: MW Sensor 100-277V
- **86/226**: 12-24V PIR Sensor 277-480V
- **86/224**: 10KV Surge Suppressor 100-277V
- **86/225**: 10KV Surge Suppressor 277-480V

**[For additional mounting options see page 7]**

0-10V DIMMING | WET LOCATION | 4KV SURGE PROTECTION | 80 CRI | 50,000 HOURS | 5 Year Warranty

| ITEM | DESCRIPTION | W | V | CCT | LM | DIMENSIONS |
|---|---|---|---|---|---|---|
| **65/840** | 100W LED AREA LIGHT TYPE III | 100W | 100-277V | 4000K | 13793 | L:20.71" W:12.40" H:3.11" |
| **65/841** | 100W LED AREA LIGHT TYPE III | 100W | 100-277V | 5000K | 13793 | L:20.71" W:12.40" H:3.11" |
| **65/842** | 150W LED AREA LIGHT TYPE III | 150W | 100-277V | 4000K | 19507 | L:20.71" W:12.40" H:3.11" |
| **65/843** | 150W LED AREA LIGHT TYPE III | 150W | 100-277V | 5000K | 19736 | L:20.71" W:12.40" H:3.11" |
| **65/850** | 100W LED AREA LIGHT TYPE III | 100W | 100-347V | 4000K | 13793 | L:20.71" W:12.40" H:3.11" |
| **65/851** | 100W LED AREA LIGHT TYPE III | 100W | 100-347V | 5000K | 13793 | L:20.71" W:12.40" H:3.11" |
| **65/852** | 150W LED AREA LIGHT TYPE III | 150W | 100-347V | 4000K | 19507 | L:20.71" W:12.40" H:3.11" |
| **65/853** | 150W LED AREA LIGHT TYPE III | 150W | 100-347V | 5000K | 19736 | L:20.71" W:12.40" H:3.11" |
| **65/860** | 100W LED AREA LIGHT TYPE III | 100W | 277-480V | 4000K | 13793 | L:20.71" W:12.40" H:3.11" |
| **65/861** | 100W LED AREA LIGHT TYPE III | 100W | 277-480V | 5000K | 13793 | L:20.71" W:12.40" H:3.11" |
| **65/862** | 150W LED AREA LIGHT TYPE III | 150W | 277-480V | 4000K | 19507 | L:20.71" W:12.40" H:3.11" |
| **65/863** | 150W LED AREA LIGHT TYPE III | 150W | 277-480V | 5000K | 19736 | L:20.71" W:12.40" H:3.11" |

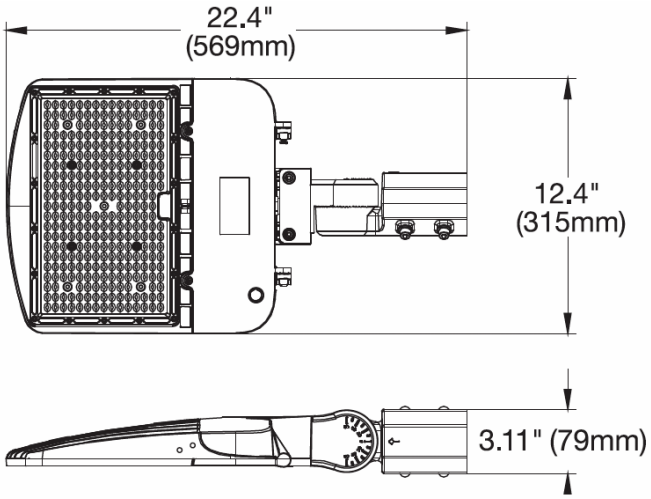
# Rugged Build

## 200W

LED Area Light Type III

- Bronze Powder Coated Finish for All Weather Durability
- 0-10V Dimming
- Built-In 4KV Surge Protection
- IP65 Rated
- 50,000 Hours Life
- 5 Year Warranty

## Dimensional




## Photocells, Sensors & Surge Suppression Accessories:

- **86/221**: Photocell For 100-277V Versions
- **86/223**: Photocell For 277-480V Versions
- **86/227**: PIR Sensor 100-277V
- **86/228**: MW Sensor 100-277V
- **86/226**: 12-24V PIR Sensor 277-480V
- **86/224**: 10KV Surge Suppressor 100-277V
- **86/225**: 10KV Surge Suppressor 277-480V

**[For additional mounting options see page 8]**

0-10V DIMMING | WET LOCATION | 4KV SURGE PROTECTION | 80 CRI | 50,000 HOURS | 5 Year Warranty

| ITEM | DESCRIPTION | W | V | CCT | LM | DIMENSIONS |
|---|---|---|---|---|---|---|
| **65/844** | 200W LED AREA LIGHT TYPE III | 200W | 100-277V | 4000K | 26051 | L:22.40" W:14.40" H:3.11" |
| **65/845** | 200W LED AREA LIGHT TYPE III | 200W | 100-277V | 5000K | 26536 | L:22.40" W:14.40" H:3.11" |
| **65/854** | 200W LED AREA LIGHT TYPE III | 200W | 100-347V | 4000K | 26051 | L:22.40" W:14.40" H:3.11" |
| **65/855** | 200W LED AREA LIGHT TYPE III | 200W | 100-347V | 5000K | 26536 | L:22.40" W:14.40" H:3.11" |
| ***65/864** | 200W LED AREA LIGHT TYPE III | 200W | 277-480V | 4000K | 26051 | L:30.28" W:12.39" H:3.11" |
| ***65/865** | 200W LED AREA LIGHT TYPE III | 200W | 277-480V | 5000K | 26536 | L:30.28" W:12.39" H:3.11" |

*** 277-480V 200W versions have the same footprint as the 240W & 300W to accommodate the larger drivers.**

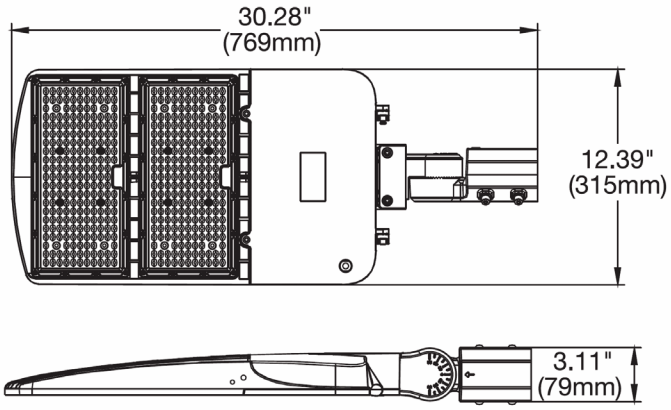
# All-Weather Tough

## 240W/300W

## LED Area Light Type III

- Bronze Powder Coated Finish for All Weather Durability
- 0-10V Dimming
- Built-In 4KV Surge Protection
- IP65 Rated
- 50,000 Hours Life
- 5 Year Warranty

## Dimensional




## Photocells, Sensors & Surge Suppression Accessories:

- **86/221**: Photocell For 100-277V Versions
- **86/223**: Photocell For 277-480V Versions
- **86/227**: PIR Sensor 100-277V
- **86/228**: MW Sensor 100-277V
- **86/226**: 12-24V PIR Sensor 277-480V
- **86/224**: 10KV Surge Suppressor 100-277V
- **86/225**: 10KV Surge Suppressor 277-480V

**[For additional mounting options see page 9]**

0-10V DIMMING | WET LOCATION | 4KV SURGE PROTECTION | 80 CRI | 50,000 HOURS | 5 Year Warranty

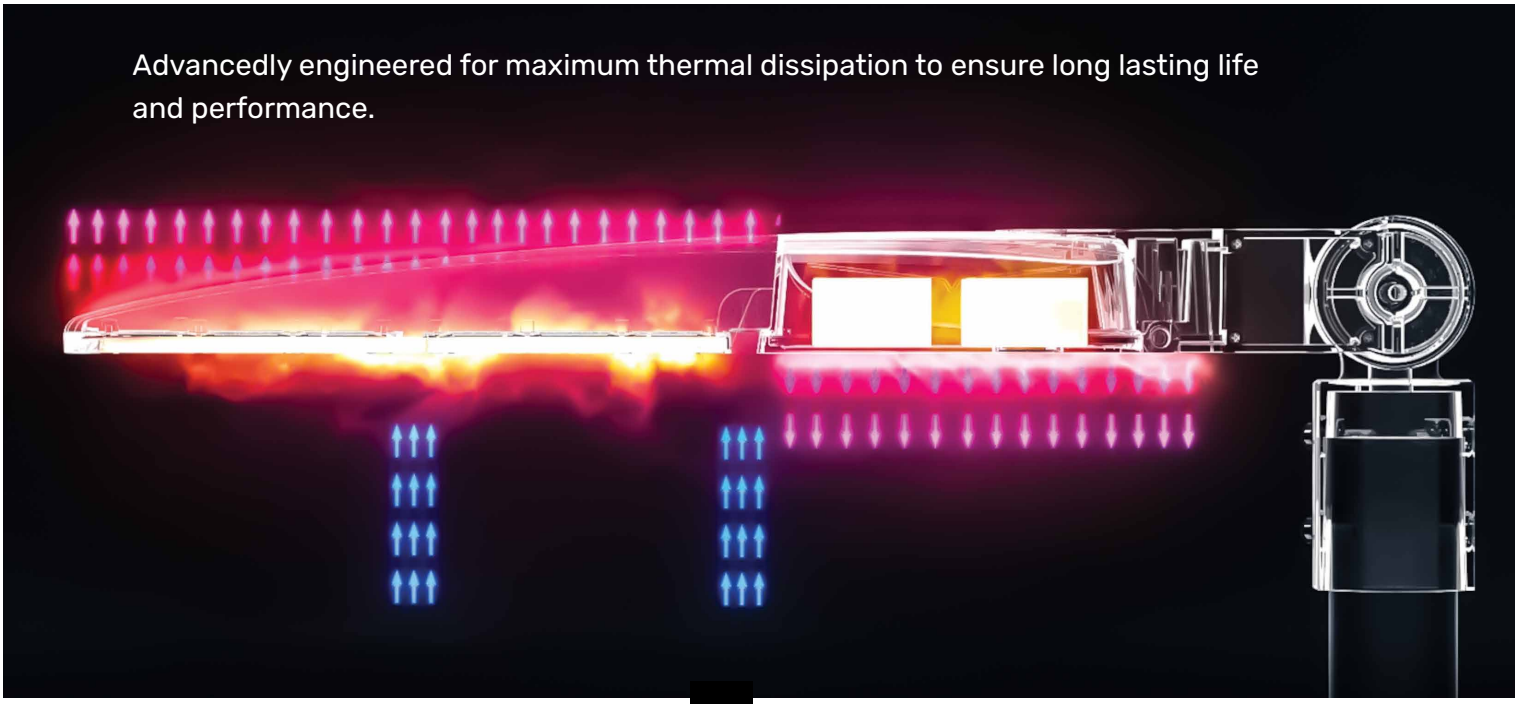
| ITEM | DESCRIPTION | W | V | CCT | LM | DIMENSIONS |
|---|---|---|---|---|---|---|
| **65/846** | 240W LED AREA LIGHT TYPE III | 240W | 100-277V | 4000K | 31481 | L:30.28" W:12.39" H:3.11" |
| **65/847** | 240W LED AREA LIGHT TYPE III | 240W | 100-277V | 5000K | 32585 | L:30.28" W:12.39" H:3.11" |
| **65/848** | 300W LED AREA LIGHT TYPE III | 300W | 100-277V | 4000K | 39815 | L:30.28" W:12.39" H:3.11" |
| **65/849** | 300W LED AREA LIGHT TYPE III | 300W | 100-277V | 5000K | 38988 | L:30.28" W:12.39" H:3.11" |
| **65/856** | 240W LED AREA LIGHT TYPE III | 240W | 100-347V | 4000K | 31481 | L:30.28" W:12.39" H:3.11" |
| **65/857** | 240W LED AREA LIGHT TYPE III | 240W | 100-347V | 5000K | 32585 | L:30.28" W:12.39" H:3.11" |
| **65/858** | 300W LED AREA LIGHT TYPE III | 300W | 100-347V | 4000K | 39815 | L:30.28" W:12.39" H:3.11" |
| **65/859** | 300W LED AREA LIGHT TYPE III | 300W | 100-347V | 5000K | 38988 | L:30.28" W:12.39" H:3.11" |
| **65/866** | 240W LED AREA LIGHT TYPE III | 240W | 277-480V | 4000K | 31481 | L:30.28" W:12.39" H:3.11" |
| **65/867** | 240W LED AREA LIGHT TYPE III | 240W | 277-480V | 5000K | 32585 | L:30.28" W:12.39" H:3.11" |
| **65/868** | 300W LED AREA LIGHT TYPE III | 300W | 277-480V | 4000K | 39815 | L:30.28" W:12.39" H:3.11" |
| **65/869** | 300W LED AREA LIGHT TYPE III | 300W | 277-480V | 5000K | 38988 | L:30.28" W:12.39" H:3.11" |

**Lumiled 2835R Chips** & Advanced Optics for Superior Performance

# Special Features

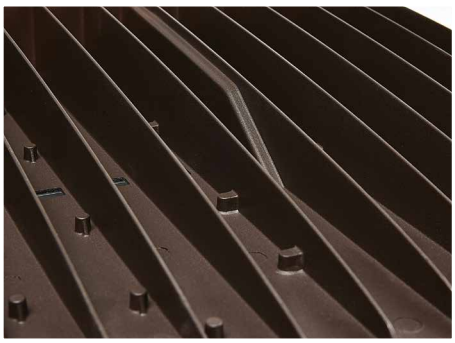
High performance meets rugged, all weather tough, design. Using high quality build materials such as Lumileds chips and Sosen drivers, these fixtures are built to last. Advanced thermal consideration and heat dissipation is at the core of the design. Engineered with integrated respirators to balance air pressure, integrated 4KV surge protection, and seismically 3G vibration tested, there is not much these fixtures cannot handle.

Offering a full suite of mounting accessories including innovative extended slip-fitter and fixed arm mounts with integrated junction boxes; photocells, PIR & MW sensors, additional add on surge suppression and cutoff shields, these fixtures will meet the needs of any type III application.



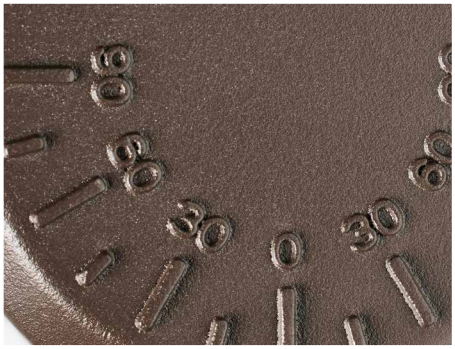
## Integrated Respirator

Integrated respirators help to balance air pressure and prevent humidity build-up.



## Finned, Heat Sink Design

Finned, Heat Sink Design allows for better performance and heat dissipations.



## Slip-Fitter Adjustable Mounting

Fixtures come standard with a 2 3/8” slip-fitter adjustable mount with 90 degree up or down articulation.

## HEAVY DUTY HARDWARE & DIE-CASTING, A RUGGED BUILD TO WITHSTAND HARSH OUTDOOR ENVIRONMENTS

# Mounting Options & Accessories

A full suite of mounting accessories and add-on sensors are available for the needs of multiple applications.

***All fixtures include 2 3/8" Slip-Fitter Standard.***

Extended Slip-Fitter Mount
with Sensor Knockouts
65/875

Universal Mount with 2 3/8"
Slip-Fitter Mount or Direct Mount
for Square & round Poles
65/870

Direct Mount for
Square & Round Poles.
65/871

Trunnion
65/872

Yoke
65/873 & 65/874

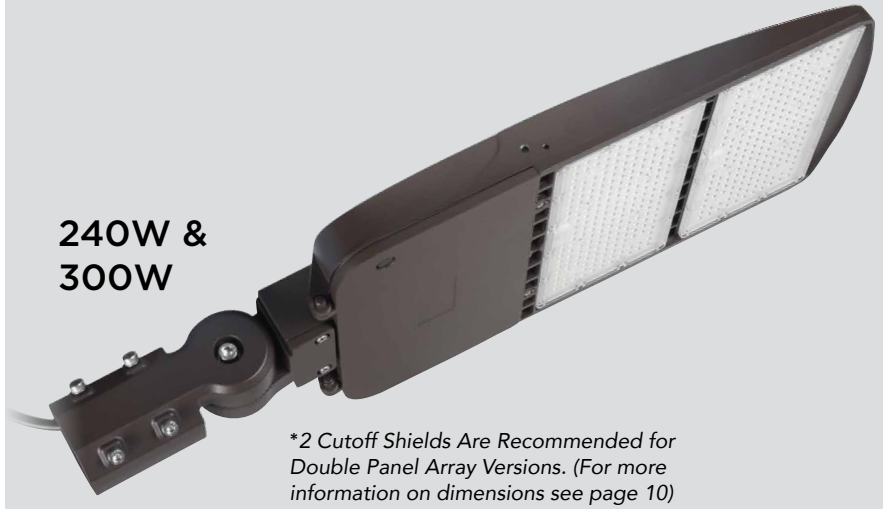
*Cutoff Shield
65/877 & 65/878

**100W & 150W**

**200W**

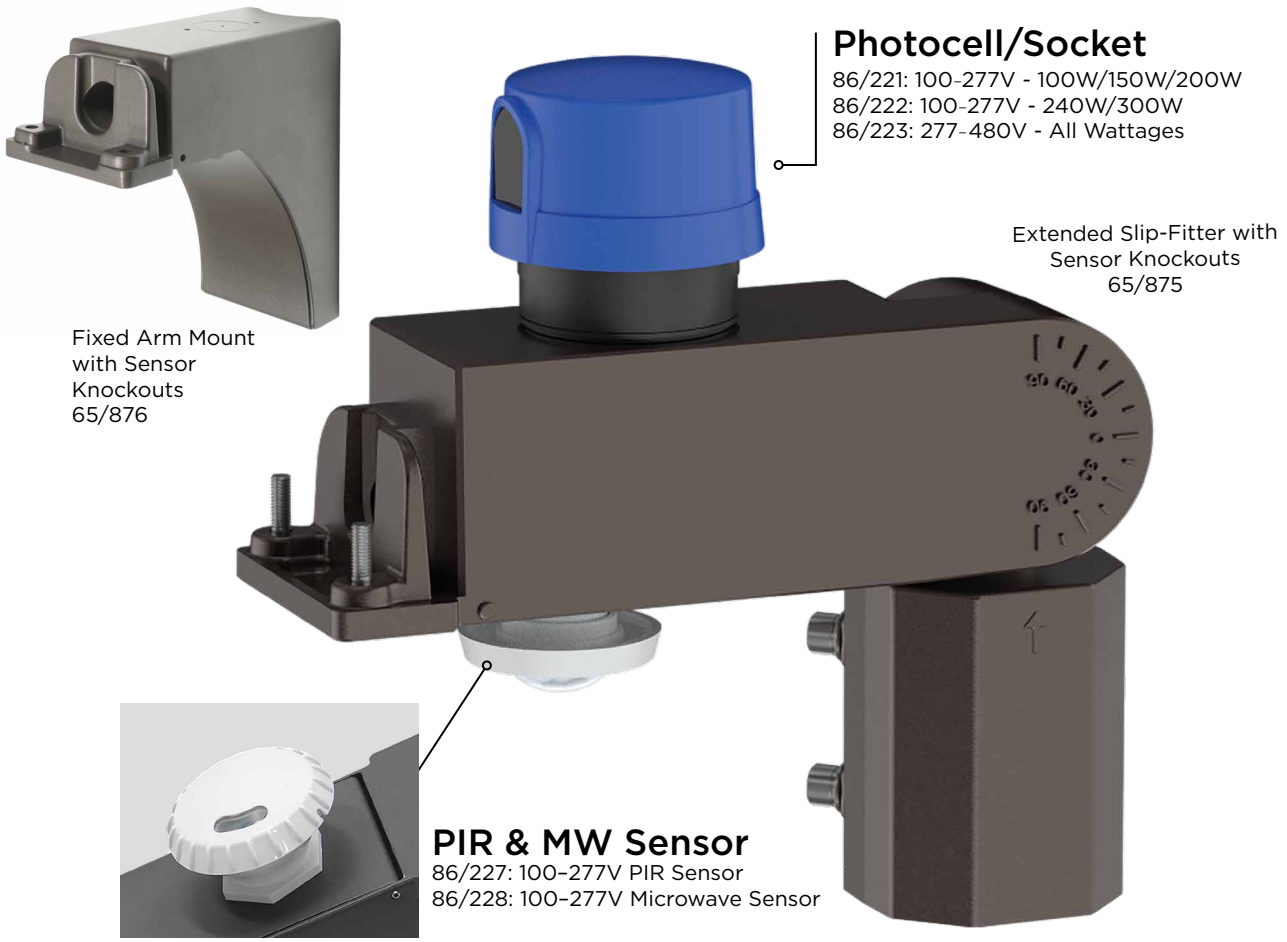
**200W 277-480V have the same footprint as the 240W & 300W versions to accommodate the larger drivers.*

**240W & 300W**



**2 Cutoff Shields Are Recommended for Double Panel Array Versions. (For more information on dimensions see page 10)*

# Innovative Mounting Accessories with Knockouts & Integrated Junction Boxes For Greater Ease Of Installation

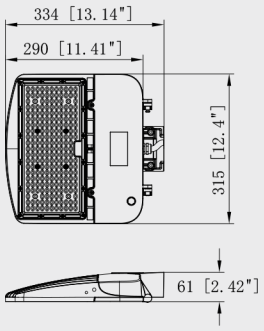



| ITEM # | DESCRIPTION | FEATURE | PK |
|---|---|---|---|
| **65/870** | UNIVERSAL MOUNT | DIRECT & SLIP-FITTER MOUNT BRONZE | 8 |
| **65/871** | DIRECT MOUNT | SQUARE/ROUND POLE MOUNT BRONZE | 8 |
| **65/872** | TRUNNION MOUNT | BRONZE FINISH | 8 |
| **65/873** | YOKE MOUNT | 100W/150W/200W BRONZE | 8 |
| **65/874** | YOKE MOUNT | 240W/300W BRONZE | 8 |
| **65/875** | EXT SLIP-FITTER | WITH SENSOR KNOCKOUTS BRONZE | 8 |
| **65/876** | FIXED ARM MOUNT | WITH SENSOR KNOCKOUTS BRONZE | 8 |
| **65/877** | CUTOFF SHIELD | BRONZE - 100W/150W/240W/300W & 200W 277–480V | 8 |
| **65/878** | CUTOFF SHIELD | BRONZE - 200W 100–277V & 100–347V | 8 |
| **86/221** | PHOTOCELL/SOCKET | 100–277V FOR 100W/200W | 50 |
| **86/222** | PHOTOCELL/SOCKET | 100–277V FOR 240W/300W | 50 |
| **86/223** | PHOTOCELL/SOCKET | 277-480V | 50 |
| **86/224** | SURGE SUPPRESSOR | 10KV - 100–277V | 50 |
| **86/225** | SURGE SUPPRESSOR | 10KV - 277–480V | 50 |
| **86/226** | 12-24V PIR SENSOR | 277–480V | 50 |
| **86/227** | PIR SENSOR | 100–277V | 50 |
| **86/228** | MICROWAVE SENSOR | 100–277V | 50 |

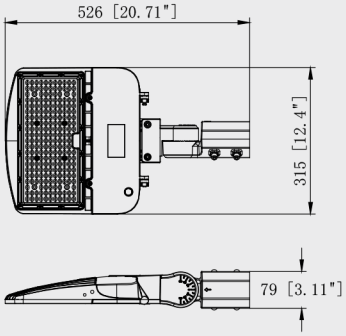
# Product Dimensions with Alternate Mounting Options

## 100W & 150W

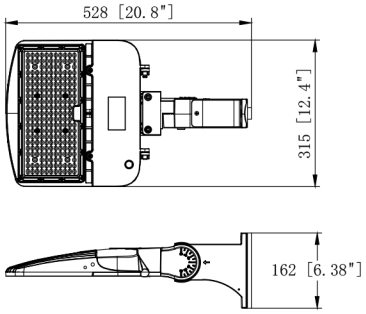
A full assortment of mounting accessories to meet any applications needs.



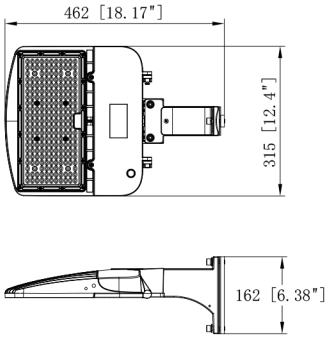

**2 3/8" Slip-Fitter (Included)**



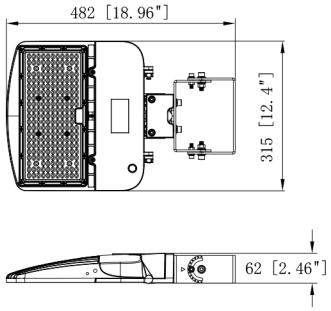

**65/870**
**Universal Mount**



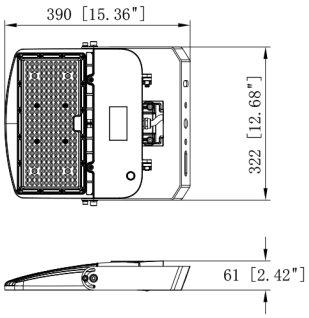

**65/871**
**Direct Mount**



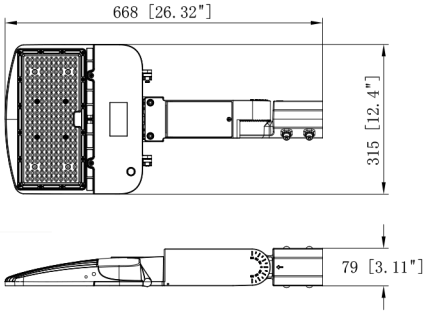

**65/872**
**Trunnion Mount**



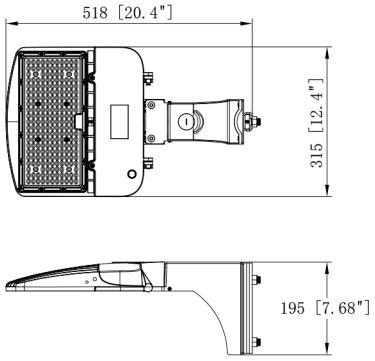

**65/873**
**Yoke Mount**




**65/875**
**Extended 2 3/8" Slip-Fitter with knockouts and integrated junction box.**



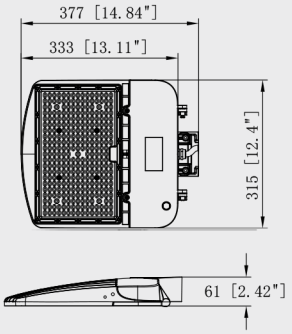

**65/876**
**Fixed Arm Mount with Knockouts and integrated junction box.**



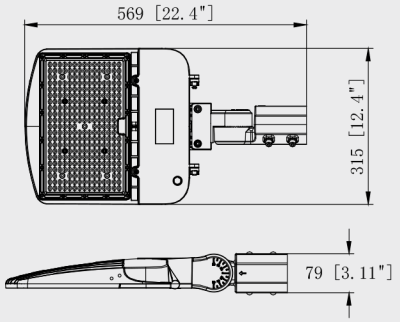
# 200W

Innovative mounting accessories with Knockouts & Integrated Junction Boxes for Greater Ease Of Installation.

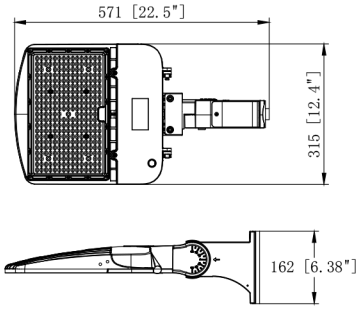
***200W 277-480V have the same footprint as the 240W & 340W Versions to accommodate the larger drivers.**



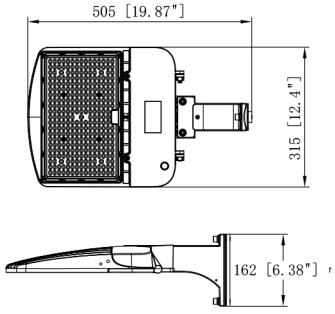

**2 3/8" Slip-Fitter (Included)**



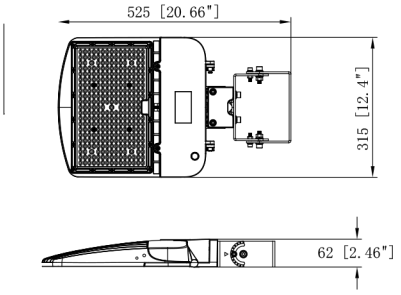

**65/870**
**Universal Mount**



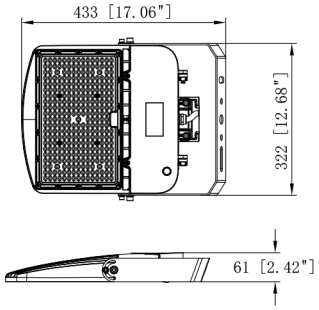

**65/871**
**Direct Mount**



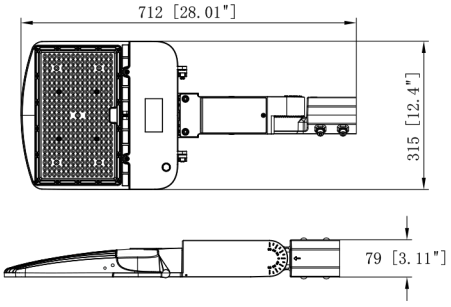

**65/872**
**Trunnion Mount**



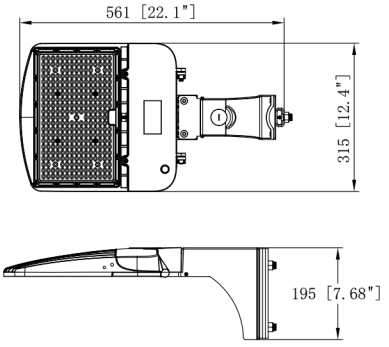

**65/873**
**Yoke Mount**




**65/875**
**Extended 2 3/8" Slip-Fitter with knockouts and integrated junction box.**



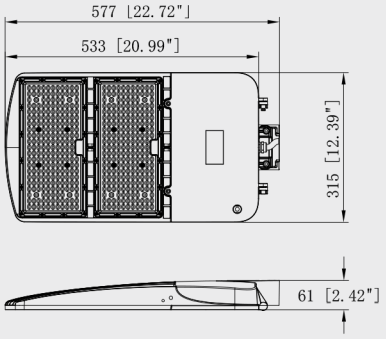

**65/876**
**Fixed Arm Mount with Knockouts and integrated junction box.**



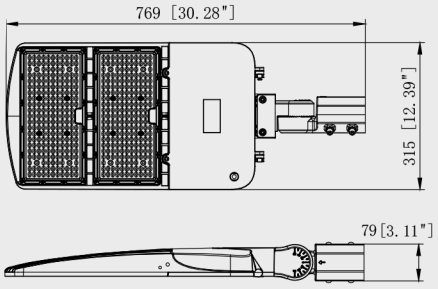
# 240W & 300W

(Also 200W 277V–480V)

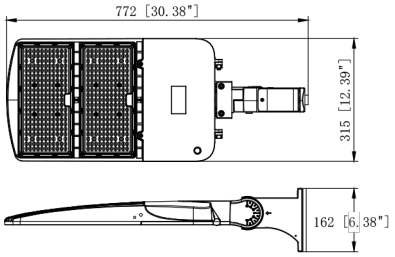
Cutoff shields are also available to eliminate light trespass.



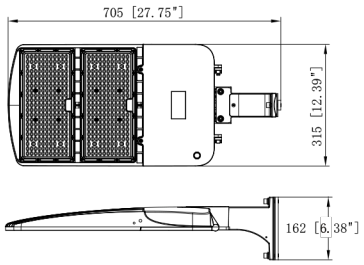

**2 3/8" Slip-Fitter (Included)**



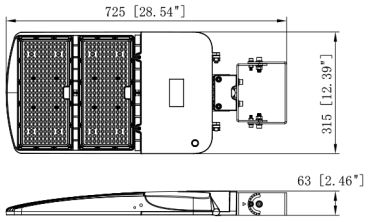

**65/870**
**Universal Mount**



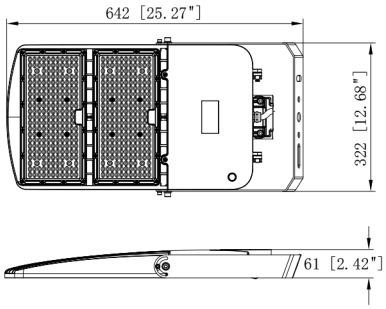

**65/871**
**Direct Mount**



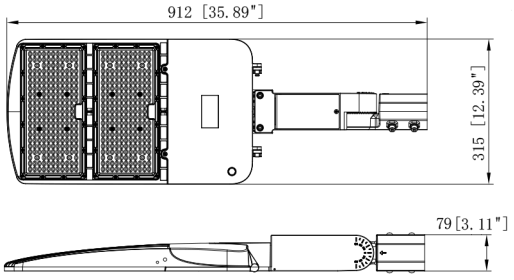

**65/872**
**Trunnion Mount**



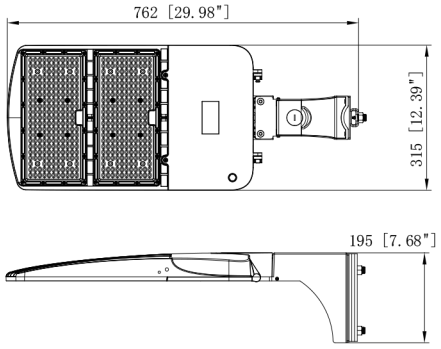

**65/874**
**Yoke Mount**




**65/875**
**Extended 2 3/8" Slip-Fitter with knockouts and integrated junction box.**




**65/876**
**Fixed Arm Mount with Knockouts and integrated junction box.**

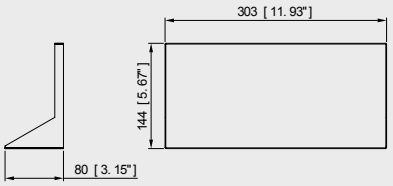


# Product Accessories & Mounting Options Dimensions

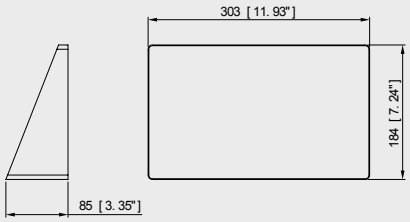
## Cut-Off Shield

- **65-877** for 100W/150W/240W/300W and 200W 277–480V versions.
- **65-878** for use with 200W 100–277V and 100–347V versions.

**65/877**
100W/150W/240W/300W

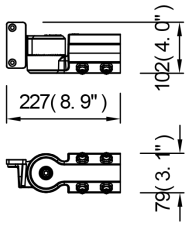



**65/878**
200W

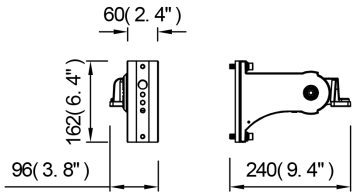



## Mounting Accessories

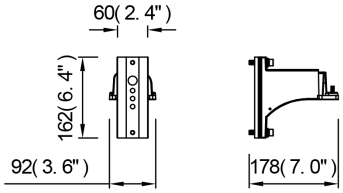
**Included 2 3/8" Slip-Fitter**



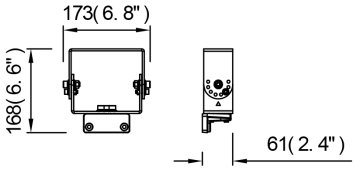

**65/870**
**Universal Mount**



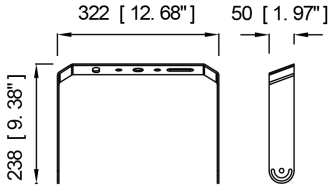

**65/871**
**Direct Mount**



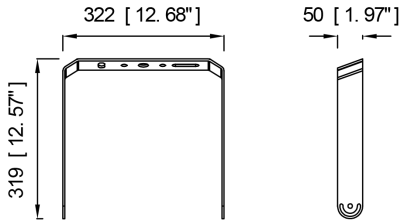

**65/872**
**Trunnion Mount**



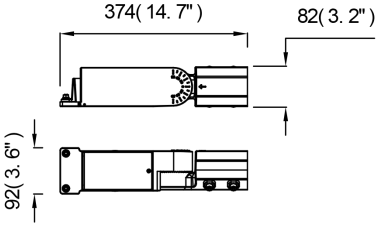

**65/873 Yoke Mount**
**for use with 100W/150W/200W**



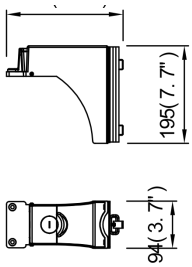

**65/874 Yoke Mount**
**for use with 240W/300W**




**65/875**
**Extended 2 3/8" Slip-Fitter with knockouts and integrated junction box.**




**65/876**
**Fixed Arm Mount with Knockouts and integrated junction box.**



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