



DRIVEN BY PERFECTION



CONTRACTOR-FRIENDLY LIGHTING SOLUTIONS



# DRIVEN BY PERFECTION

- **Cut-Off Lighting Control**
- **High Performance Optics**
- **Architectural Appearance**
- **Contractor Friendly Features**



Stonco introduces the Silhouette Series, its latest in a series of architecturally-styled area luminaires. The Silhouette is the synthesis of extraordinary styling, superb optical performance and Stonco's renowned Contractor-Friendly features. The cut-off optical system is designed for outdoor applications where tight light control is needed to prevent glare and light trespass.

The Silhouette is part of a family of luminaires allowing you to maintain continuity throughout your entire site. Mounting arrangements include round or square poles, walls, with many other accessories to add more mounting flexibility.





## Silhouette™ and FloodPak®: The Performance Pair for Today

Now you can extend the lighting utility of the Silhouette Series by using it in conjunction with Stonco's FloodPak multi-purpose luminaire. Both the Silhouette and FloodPak share the same complementing curved appearance making it desirable for roadways, parking lots or any location where aesthetics, performance and continuity are crucial. The FloodPak is three fixtures in one! It's a high-performance cutoff luminaire for perimeter, flood, indirect as well as site lighting.



## Luminaire Features

**Hands-Free Wiring**

Key slot design for easy hands-free wiring

**Contemporary Styling**

Architectural dayform appearance

**Finish**

Duraplex II polyester finish

**Ballast**

Swing-down ballast tray replaces quickly

**Housing**

One-piece die-cast aluminum housing for strength



**Wiring Compartment**

Integral wiring compartment saves time

**High-Performance Optics**

One piece hydro-formed reflector for cut-off lighting

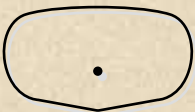
**Lens**

Heat and shock resistant tempered glass lens resists damage

**Lens Frame**

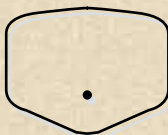
Fully gasketed lens frame assembly with silicone prevents dust and bug entry

### Available Light Distributions



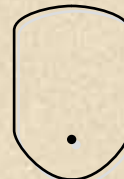
**Type II Asymmetric**

- Wide lateral pattern
- Maximum pole spacing
- Ideal for roadway, paths and walkways



**Type III Asymmetric**

- Forward and lateral pattern
- Perimeter and general lighting
- Maximum pole spacing

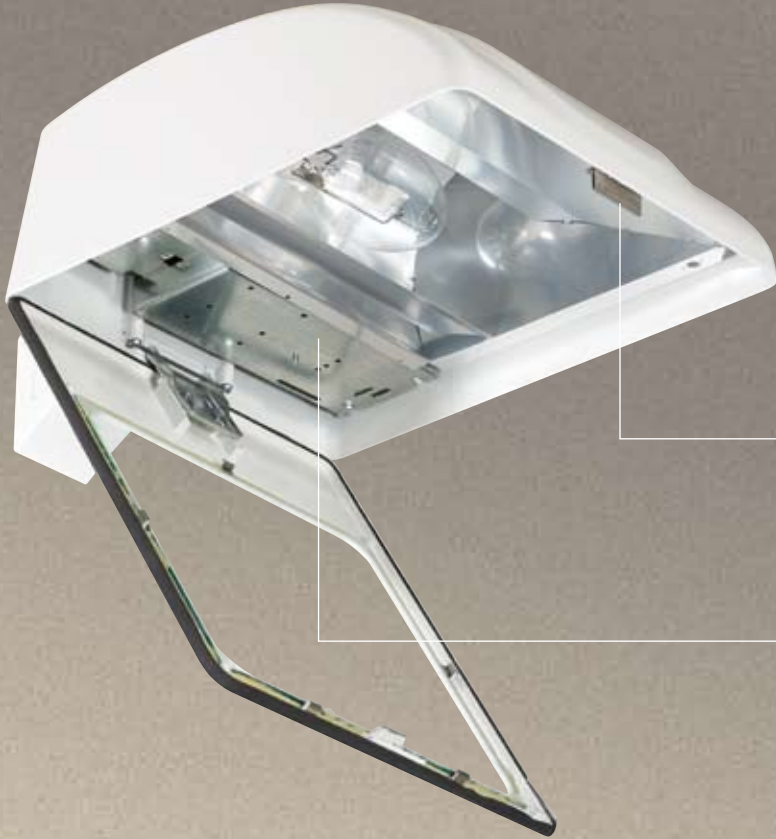


**Type IV Forward Throw**

- Perimeter lighting
- Lighting inward
- House-side protection with cut-off control



## Contractor-Friendly Features



### Tool-less Entry

For re-lamping, the lens frame opens quickly by releasing a stainless steel latch on the fixture front. The lens frame swings back for closing and seals tightly against dust and insects.

### Easy Ballast Replacement

All internal electrical components are installed on a ballast tray that swings down for easy access and replacement. Ballast replacement takes minutes with no additional components to be removed.

### Hands-Free Wiring

Key slot design allows for single contractor to place and hook the fixture, leaving hands free for wiring. Fixture remains stable and secures tightly to the pole.

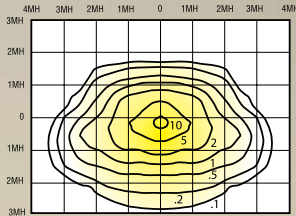


### Integral Wiring Compartment

The factory installed 6" die-cast aluminum arm includes an integral wiring compartment. The removable side access cover allows wiring connections to be made in the arm safely and conveniently.

# Photometric Data

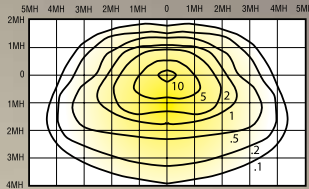
## High Pressure Sodium



**SS2400LX**  
**Mounting Height:** 25', Tilt Angle 0°  
**Wattage Conversion:**  
 Multiply the following factors times the footcandle values for changes in lamp wattage.

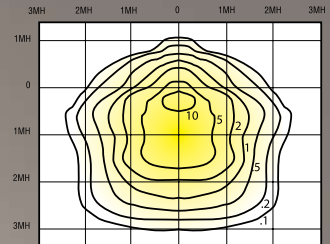
250w HPS .55

Distances are shown in units of mounting heights



**SS3400LX**  
**Mounting Height:** 25', Tilt Angle 0°  
**IES Class:** Type III Cutoff, Medium  
**Wattage Conversion:**  
 Multiply the following factors times the footcandle values for changes in lamp wattage.

200w HPS .44  
 250w HPS .55

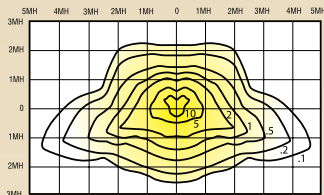


**SS4400LX**  
**Mounting Height:** 25', Tilt Angle 0°  
**Wattage Conversion:**  
 Multiply the following factors times the footcandle values for changes in lamp wattage.

200w HPS .44  
 250w HPS .55

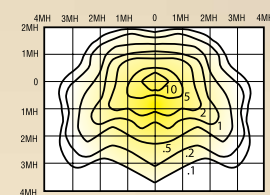
Distances are shown in units of mounting heights

## Metal Halide



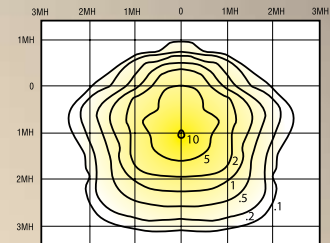
**SS2400MA**  
**Mounting Height:** 25', Tilt Angle 0°  
**Wattage Conversion:**  
 Multiply the following factors times the footcandle values for changes in lamp wattage.

150w MA .38  
 175w MA .39  
 250w MA .57



**SS3400MA**  
**Mounting Height:** 25', Tilt Angle 0°  
**IES Class:** Type III Cutoff, Medium  
**Wattage Conversion:**  
 Multiply the following factors times the footcandle values for changes in lamp wattage.

150w MA .38  
 175w MA .39  
 250w MA .57



**SS4400MA**  
**Mounting Height:** 25', Tilt Angle 0°  
**Wattage Conversion:**  
 Multiply the following factors times the footcandle values for changes in lamp wattage.

175w MA .39  
 250w MA .57

### Footcandle Correction

Multiply the following factors times the footcandle values for changes in lamp wattage.

To Change from 25'

<b>New Height:</b>	15'	20'	25'	30'	35'	40'
<b>Factor:</b>	2.77	1.56	1.00	.69	.51	.39

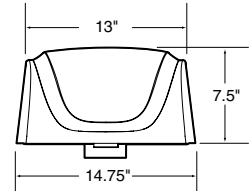
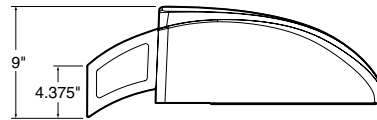
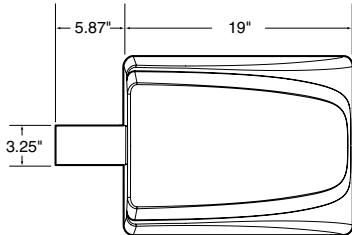
Mounting height factors for other than 25 feet use table or:

$$\text{Factor} = \frac{625}{(\text{Actual Mounting Height})^2}$$










# Technical Information

## Dimensional Data



EPA = 1.50 sq. ft.

## Ordering Example: SSM3250MAFS-1

FIXTURE	SIZE	DISTRIBUTION	WATTAGE	SOURCE	OPTIONS	VOLTAGE
 <b>SS</b> = Silhouette™ Series	 <b>M</b> = Medium	 <b>2</b> = IES Type 2 <b>3</b> = IES Type 3 <b>4</b> = IES Type 4	 <b>175</b> <b>250</b> <b>400</b>  <b>250</b> <b>400</b>	 <b>MA</b> = Metal Halide  <b>LX</b> = High Pressure Sodium	 <b>FS*</b> = Single Fusing, 120v, 277v <b>FFS*</b> = Double Fusing, 208v, 240v, 480v <b>TLR/PC</b> = Twist Lock Photo Control <b>PCB</b> = Button-Type Photo Control	 <b>1</b> = 120 <b>2</b> = 208 <b>3</b> = 240 <b>4</b> = 277 <b>5</b> = 480 <b>8</b> = 120-277

\* Specify voltage for fusing option

## Accessories

<b>MCLVS</b>	Vandal Shield
<b>MCLGS</b>	Glare Shield
<b>MCLTA25R</b>	Two @ 90 degrees
<b>MCLTA35R</b>	Three @ 120 degrees
<b>FPLRPA</b>	4" Round Pole Adapter
<b>MCLTA10R*</b>	Tenon Adapter (2 3/8 OD) drilled for one
<b>MCLTA20R*</b>	Tenon Adapter (2 3/8 OD) drilled for two @ 180 degrees
<b>MCLTA30R*</b>	Tenon Adapter (2 3/8 OD) drilled for three
<b>MCLTA40R*</b>	Tenon Adapter (2 3/8 OD) drilled for four
<b>MCLTA25S</b>	Two @ 90 degrees
<b>MCLTA10S</b>	Tenon Adapter (2 3/8 OD) drilled for one SQ
<b>MCLTA20S</b>	Tenon Adapter (2 3/8 OD) drilled for two @ 180 degrees SQ
<b>MCLTA30S</b>	Tenon Adapter (2 3/8 OD) drilled for three SQ
<b>MCLTA40S</b>	Tenon Adapter (2 3/8 OD) drilled for four SQ
<b>MCL10</b>	5" SQ Wall Mounting Plate
<b>206WBR</b>	5" SQ Thru Wire Box
<b>SSM552</b>	Replacement Lens Assembly
<b>MCLHSS</b>	House Side Shield

\* Order with one (1) FPLRPA per fixture



Listed for Wet Locations

## Other Contractor-Friendly Luminaires by Stonco



### FloodPak<sup>®</sup>

Stonco's FloodPak is the ultimate in exterior lighting versatility. It is the perfect blend of performance, flexibility and architectural design. The FloodPak is three fixtures in one - a high-performance cutoff luminaire, an attractive flood light and an architectural wall-pack in a single unit.

Visit [www.floodpak.com](http://www.floodpak.com) for more information.

### Xpressives<sup>TM</sup>

The Xpressives Series brings together all of the changes and innovations desired by the lighting industry for many years. Stonco has simplified this classic luminaire by completely redesigning it from the socket out, creating a fixture that is visually impressive but also easy to specify and install. Available in round and linear models.

Visit [www.x-pressives.com](http://www.x-pressives.com) for details.



### Surviv'VR<sup>TM</sup>

Stonco has taken the lead in the lighting industry by developing the first comprehensive standard for addressing intentional vandalism of outdoor lighting fixtures. From this has emerged the Surviv'VR, the first truly vandal-resistant luminaire strong enough to take a violent assault without affecting performance.

Visit [www.survivrseries.com](http://www.survivrseries.com) for the complete product line.



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