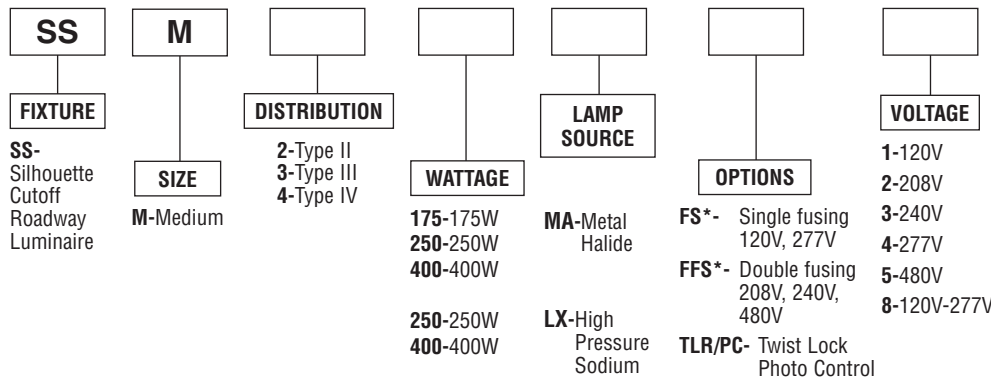


# Silhouette™ Series Medium Cutoff Roadway Luminaire (Type II, III and IV Distributions)



## ORDERING INFORMATION

Catalog Number: Example: SSM3250MAFS-1



## PRODUCT SPECIFICATIONS

- Silhouette Series Architectural Cutoff Luminaire is ideal for any outdoor application where tight light control is needed to prevent glare and light trespass. Ideal for roadways and parking lots.
- One-piece die-cast aluminum housing is finished in Duraplex II polyester in many standard and designer colors.
- Tool-less entry for re-lamping. Lens frame opens by releasing a stainless steel latch.
- Lens frame assembly is fully gasketed with silicone to prevent dust and bug entry.
- Heat and shock resistant tempered glass lens.
- One piece hydroformed cut-off reflector.
- Complies with IES requirements for full cutoff meeting all Dark Sky ordinances.
- All internal electrical components are installed on a ballast tray that swings down for easy access and replacement.
- Key slot design allows for single person hook and placement of fixture leaving hands free for wiring.
- 6" die-cast aluminum arm, factory installed, with integral wiring compartment. Side access cover allows wiring connections to be made in arm.

## ACCESSORIES

- MCLVS-Vandal Shield (Lexan)
- MCLGS-Glare Shield
- SSM552-Replacement Lens Assembly

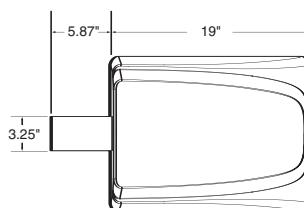
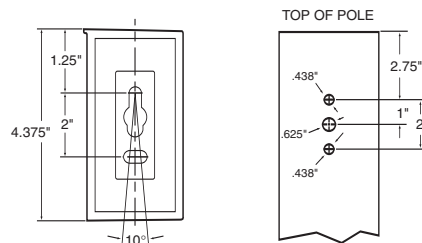
## MOUNTING ACCESSORIES

- MCLTA25R-two @ 90°
- MCLTA35R-three @ 120°
- FPLRPA- 4" Round Pole Adapter
- MCLTA10R\*- Tenon Adapter (2 3/8 OD) drilled for one
- MCLTA20R\*- Tenon Adapter (2 3/8 OD) drilled for two @ 180°
- MCLTA30R\*- Tenon Adapter (2 3/8 OD) drilled for three
- MCLTA40R\*- Tenon Adapter (2 3/8 OD) drilled for four
- MCLTA25S-two @ 90°
- MCLTA10S- Tenon Adapter (2 3/8 OD) drilled for one SQ
- MCLTA20S- Tenon Adapter (2 3/8 OD) drilled for two @ 180° SQ
- MCLTA30S- Tenon Adapter (2 3/8 OD) drilled for three SQ
- MCLTA40S- Tenon Adapter (2 3/8 OD) drilled for four SQ
- MC10- 5" SQ Wall Mounting Plate
- 206WBR- 5" SQ Thru Wire Box
- MCLHSS- House Side Shield

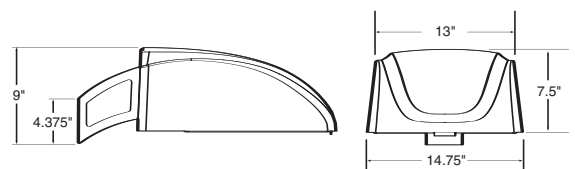
\* Order one (1) FPLRPA per fixture

## TECHNICAL INFORMATION

High Pressure Sodium		Metal Halide	
250W	ED-18	175W	ED-28
400W	ED-18	250W	ED-28
		400W	ED-37



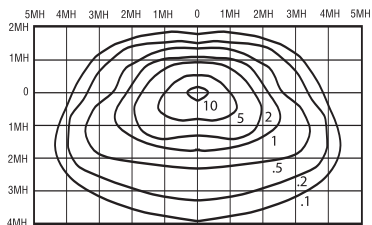
EPA =1.50 sq. ft.



UL Wet Location Listed.  
UL File Number: E86021

# 3-24 Silhouette Series Medium Roadway Luminaire

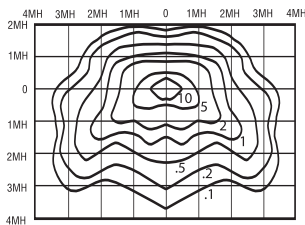
## PHOTOMETRICS



### 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.

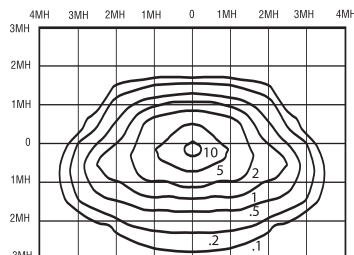
200w HPS	.44
250w HPS	.55



### 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

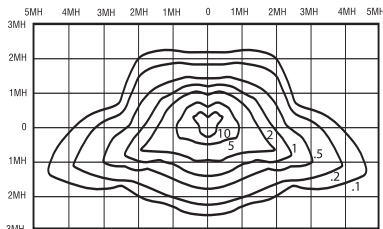


### SS2400LX

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

250w HPS	.55
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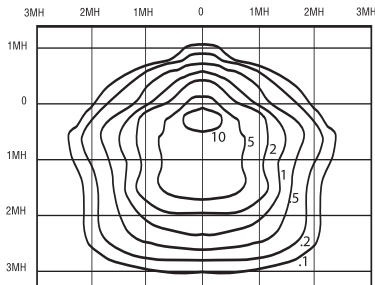
Distances are shown in units of  
mounting heights



### 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

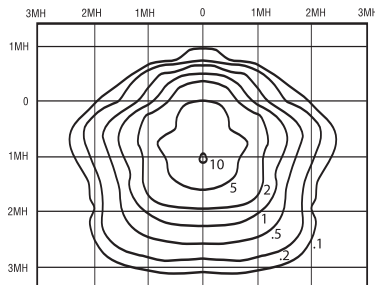


### SS4400LX

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



### 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:

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