

## DESCRIPTION

The HMX Large Area Luminaire's is ideal for use on interstate highways or large area requiring maximum pole spacing.

<b>Catalog #</b>		<b>Type</b>
<b>Project</b>		
<b>Comments</b>		<b>Date</b>
<b>Prepared by</b>		

## SPECIFICATION FEATURES

### Construction

**HOUSING:** Die-cast aluminum housing and cover. **LAMPHOLDER:** Die-cast aluminum lampholder allows several different lamp positions. **DOOR:** Die-cast aluminum door with tempered convex glass lens and silicone rubber gasket.

### Optical

**OPTICS:** Anodized spun aluminum reflector housing.

### Mounting

Clamp type slipfitter for 2-3/8" O.D. pipe.

### Finish

Standard bronze polyester powder coat finish. Other finish colors available. Consult your Streetworks Representative.

### Efficiency Standards Notice

Select luminaires are manufactured to USA and California efficiency regulations.



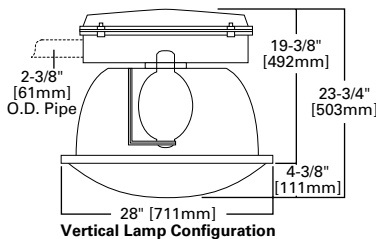
## HMX HIGH-MAST AREA LUMINAIRE

**400 - 1000W**  
Pulse Start Metal Halide  
High Pressure Sodium

**LARGE ROADWAY LUMINAIRE**

Discontinued  
03-04-2022

## DIMENSIONS

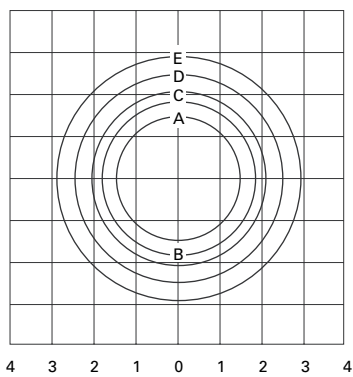


**EPA**  
Effective Projected Area:  
1.46 Square Feet

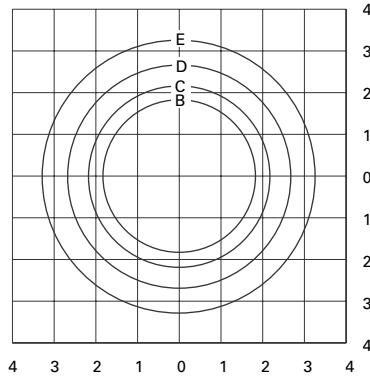
**SHIPPING DATA**  
Approximate Net Weight:  
64 lbs. (29 kgs.)



PHOTOMETRICS (COMPLETE IES FILES AVAILABLE AT COOPERLIGHTING.COM)



**HMX91SCM**  
1000-Watt HPS  
140,000-Lumen Clear Lamp



**HMX91SDW**  
1000-Watt HPS  
140,000-Lumen Clear Lamp

**Footcandle Table**

Select mounting height and read across for footcandle values of each isofootcandle line. Distance in units of mounting height.

Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
<b>HMX91SCM / HMX91SDW</b>					
80'	0.80	0.32	0.16	0.08	0.03
100'	<b>0.50</b>	<b>0.20</b>	<b>0.10</b>	<b>0.05</b>	<b>0.02</b>
120'	0.35	0.14	0.07	0.03	0.01

ORDERING INFORMATION

Sample Number: HMX40SC2NM

Product Family	Lamp Wattage	Lamp Type	Ballast Type	Voltage	Optical Package	Distribution
HMX=High-Mast Area Luminaire	<b>Pulse Start Metal Halide</b> 40=400W 75=750W 91=1000W  <b>High Pressure Sodium</b> 40=400W 75=750W 91=1000W	P=Pulse Start Metal Halide S=High Pressure Sodium	C=CWI W=CWA W=CWA Extended Life <sup>1</sup> M=Mag. Reg. <sup>2</sup>	2=120V 0=208V 4=240V 7=277V 8=480V 9=347V W=Multi-Tap, wired 120V V=Multi-Tap, wired 240V N=Multi-Tap, wired 277V	C=Flat Glass N=Open	M=Medium S=TV Short W=Type V Wide <sup>1,3</sup>
<b>Options</b> (Add as Suffix)				<b>Accessories</b> (Order Separately)		
1=Single Fuse (120, 277 or 347V) 2=Double Fuse, (208, 240 or 480V) 4=NEMA Photocontrol Receptacle B=Two-Position Terminal Block M=MOV Lightning Surge Protectors AP=Grey				OA/RA1016=NEMA Photocontrol - Multi-Tap OA/RA1027=NEMA Photocontrol - 480V OA1153=External Cutoff Shield (.90 EPA)		

**NOTES:**  
 1. 1000W HPS only.  
 2. Not available on 750 or 1000W units.  
 3. Only available with "N=Open" optical package.

Discontinued  
03-04-2022