

DESCRIPTION

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

Catalog #		Type
Project		
Comments		Date
Prepared by		

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.



HMX HIGH-MAST AREA LUMINAIRE

400 - 1000W

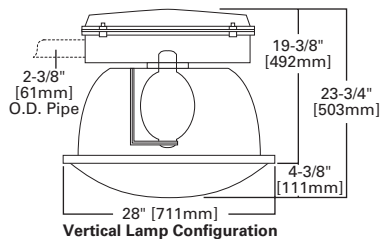
Pulse Start Metal Halide

High Pressure Sodium

Metal Halide

LARGE ROADWAY LUMINAIRE

DIMENSIONS

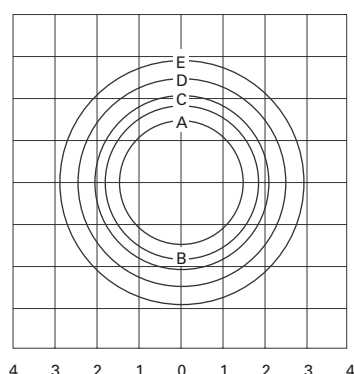


EPA

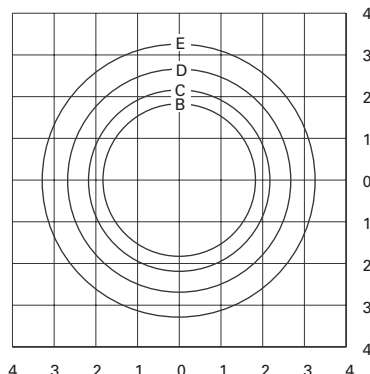
Effective Projected Area:
1.46 Square Feet

SHIPPING DATA

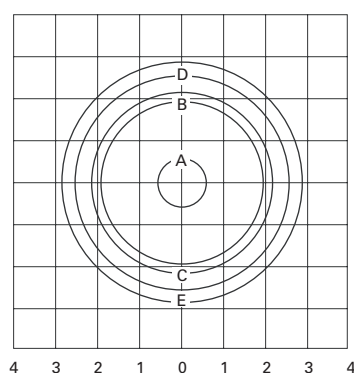
Approximate Net Weight:
64 lbs. (29 kgs.)

PHOTOMETRICS (COMPLETE IES FILES AVAILABLE AT EATON.COM/LIGHTING)

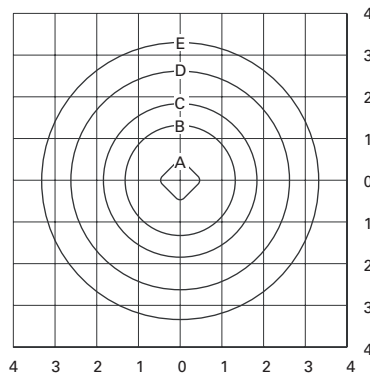
HMX91SCM
1000-Watt HPS
140,000-Lumen Clear Lamp



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



HMX91MCM
400-Watt MH
110,000-Lumen Clear Lamp



HMX91MDM
1000-Watt MH
110,000-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
HMX91SCM / HMX91SDW					
80'	0.80	0.32	0.16	0.08	0.03
100'	0.50	0.20	0.10	0.05	0.02
120'	0.35	0.14	0.07	0.03	0.01

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ORDERING INFORMATION

Sample Number: HMX40SC2NM

Product Family	Lamp Wattage	Lamp Type	Ballast Type	Voltage	Optical Package	Distribution
HMX=High-Mast Area Luminaire	Pulse Start Metal Halide 40=400W 75=750W 91=1000W	P=Pulse Start Metal Halide S=High Pressure Sodium M=Metal Halide	C=CWI W=CWA W=CWA Extended Life ² M=Mag. Reg. ³	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 D=Convex Glass N=Open	M=Medium S=TV Short W=Type V Wide
	High Pressure Sodium 40=400W 75=750W 91=1000W M (Probe Start) ¹ 40=400W 75=750W 91=1000W					
Options (Add as Suffix)					Accessories (Order Separately)	
CEC=California Title 20 Compliant Ballast (Applies to 250-320W and 400W Pulse Start MH Only) 1=Single Fuse (120, 277 or 347V) 2=Double Fuse, (208, 240 or 480V) 4=NEMA Photocontrol Receptacle B=Two-Position Terminal Block 3=Four-Stage Air Filter ⁴ 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. Probe Start Metal Halide available for non-US markets only (400-1000W).
2. 1000W HPS only.
3. Not available on 750 or 1000W units.
4. Four-Stage air filter prevents entrance of dust particles .00025mm and larger.