

Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

## VENUS HIGH MAST ROADWAY & AREA LIGHTING



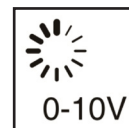
The Venus High Mast Roadway & Area Lighting is designed specifically for extra high pole applications, including Roadways, Airport Aprons, Shipping Ports, Rail Yards, Industrial, Toll Areas & Correctional Institutions. These uniquely fixtures, use the latest high- efficiency LED technology. The patented Hexagon Fully Prismatic Optics with performance packages up to 97,500 lumens, provides excellent uniformity and glare control resulting in excellent visibility. The luminaire has multiple roadway lighting distributions designed to maximize spacing while meeting stringent IES RP-8-21 guidelines for average uniformity and veiling luminance. Dependable Meanwell HLG/HVG Drivers & patented thermal convection heat sink, insures that these fixtures will perform maintenance free for 100,000 hours or more.

### FEATURES

- LED Type - Philips or Osram
- Power Supply - Meanwell
- System Efficiency - up to 140 lm/W
- Up to 97,500 lumens
- Input Voltage - 120-277VAC or 277-480VAC
- IP66 rated, 3G vibration rating, 1000-5000 hrs salt spray test
- Rebate Eligible - Yes, Contact for details
- Warranty – 10 Years or 50,000 Hours Non-Prorated

### APPLICATIONS

- Roadways
- Airport aprons
- Shipping ports
- Rail yards
- Industrial sites
- Toll plazas
- Correctional institutions



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## ORDERING INFORMATION

PART NUMBER	SYSTEM WATTS	LUMENS	VOLTAGE	BEAM ANGLE	CCT	LPW	DIMMABLE	MIN ORDER QTY	US STOCK
ECO-HDVHM-210W	210W	29,400	120-277 or 277-480VAC	15°, 30°, 45°, 60°, 90v	3000K, 4000K, 5000K, 5700K	140	0-10V	2	No
ECO-HDVHM-240W	240W	33,600	120-277 or 277-480VAC	15°, 30°, 45°, 60°, 90°	3000K, 4000K, 5000K, 5700K	140	0-10V	2	No
ECO-HDVHM-320W	320W	44,800	120-277 or 277-480VAC	15°, 30°, 45°, 60°, 90°	3000K, 4000K, 5000K, 5700K	140	0-10V	2	No
ECO-HDVHM-475W	475W	66,500	120-277 or 277-480VAC	15°, 30°, 45°, 60°, 90°	3000K, 4000K, 5000K, 5700K	140	0-10V	2	No
ECO-HDVHM-570W	570W	79,800	120-277 or 277-480VAC	15°, 30°, 45°, 60°, 90°	3000K, 4000K, 5000K, 5700K	140	0-10V	2	No
ECO-HDVHM-630W	630W	85,000	120-277 or 277-480VAC	15°, 30°, 45°, 60°, 90°	3000K, 4000K, 5000K, 5700K	135	0-10V	2	No
ECO-HDVHM-750W	750W	97,500	120-277 or 277-480VAC	15°, 30°, 45°, 60°, 90°	3000K, 4000K, 5000K, 5700K	130	0-10V	2	No

## TECHNICAL SPECIFICATIONS

System Efficacy	up to 140 lm/W
Luminous Flux	up to 97,500 lumens
CCTs	3000K/4000K/5000K/5700K
Beam Angles	15°/30°/45°/60°/90°
CRI	70+
Input Voltage	120-277 or 277-480VAC
LEDs	Philips or Osram
Power Supply	Meanwell
Power Efficiency	>90%
Power Frequency	50-60 Hz
Power Factor	>0.9
THD	<15%
Certifications	cULus , FCC
Environment	IP66 rated, 3G vibration rating, 1000-5000 hrs salt spray test

Surge protection	10kV standard; 20kV optional
Lifetime (L82)	100,000 hours
Warranty	10 years or 50,000 hours non-prorated
Operating Temperature	-40°F - +131°F
Mounting Options	Slip Fitter
Dimmable	0-10V
Housing Material	Die-cast aluminum
Options	20kV SPD, 3/5/7 pin photocontrol
Net Luminaire Weight	54.7 lbs (750W)
EPA	1.64 ft2
Equivalency	Up to 1,500W HPS

\*Data is based upon tests performed in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

\*IES files provided on request.

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## MOUNTING OPTIONS

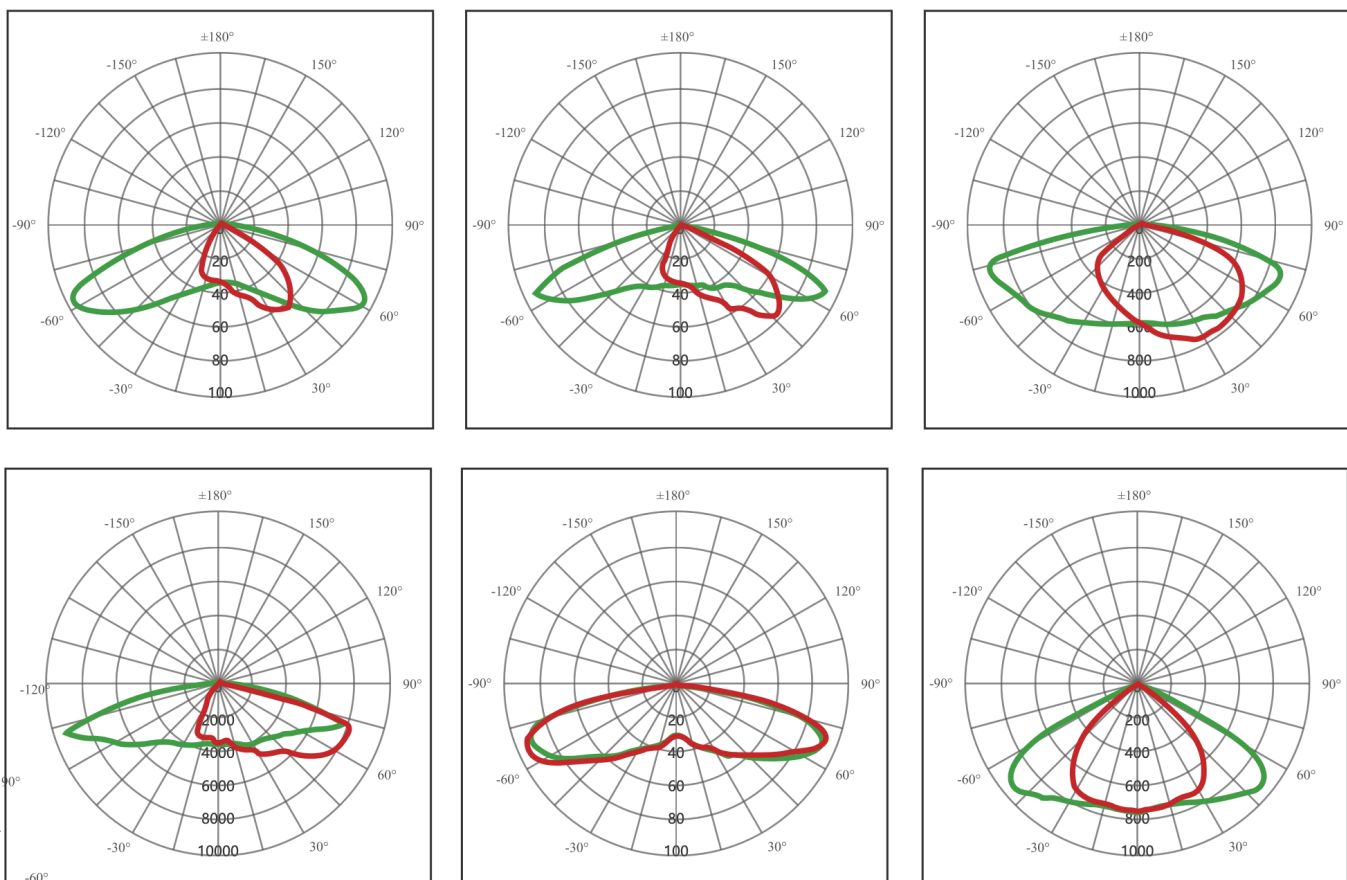
Three mounting options for reduced labor installation. Designed for round pole with 42-60mm outer diameter.



## CONTROLS

Control Options: 0-10V / 3/5/7-pin photocell, ROAMTM enabled.

## PHOTOMETRICS



## DIMENSIONS

29.2" x 43.3" x 9.3" (all wattages)