



HMLED4 Series

High-mast Roadway and Area Lighting

Typical Applications

Port Container Facilities

Highways and Interchanges

Rail Yards

Correctional Facilities

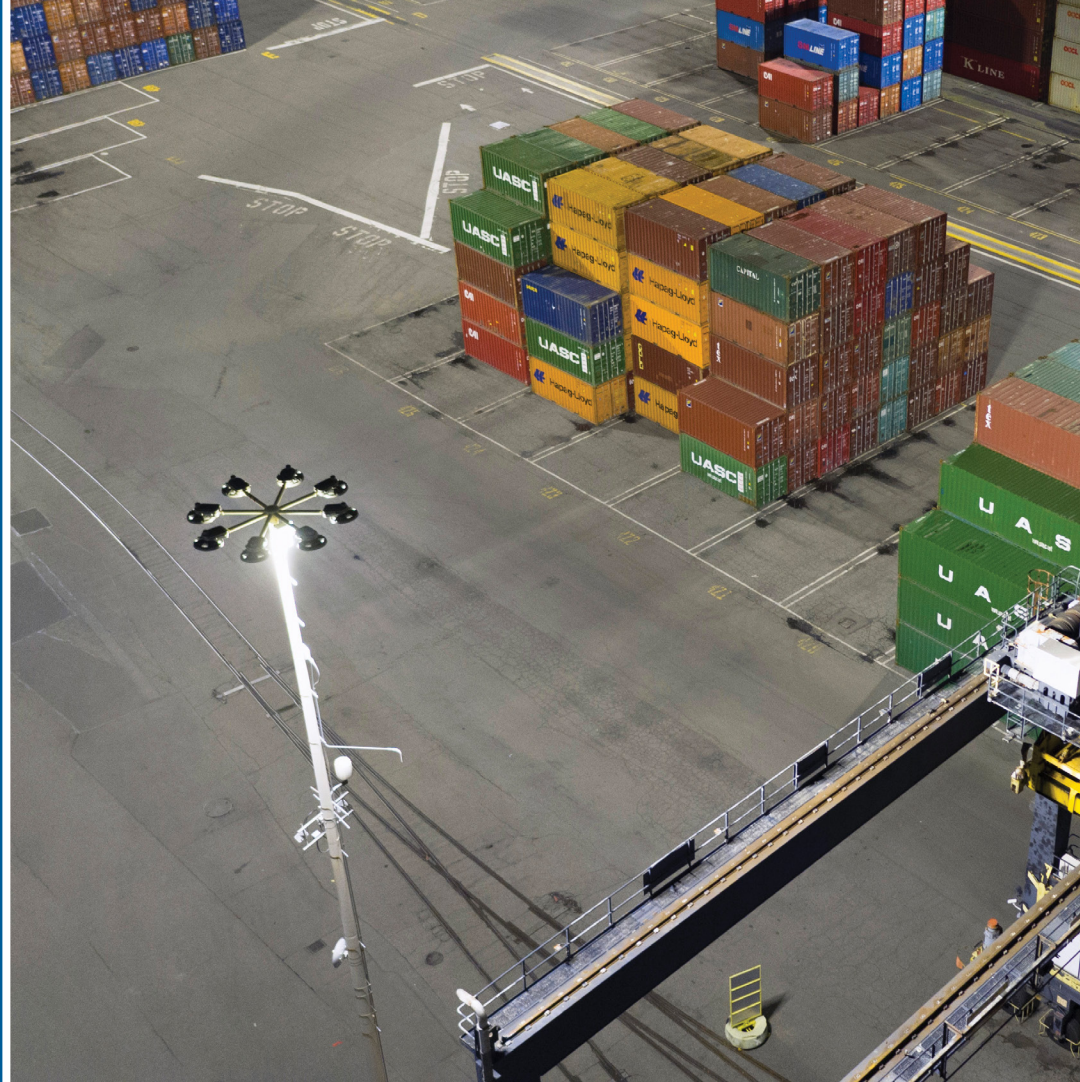
Large Area Industrial

Military Installations

Airports

Truck Stops

Toll Plazas



HMAO™ (High-Mast Advanced Optix™) LED luminaires are highly-engineered products specifically designed for high-mast lighting applications. The HMLEd4 Series provides long system life, excellent uniformity and substantially reduced maintenance costs with energy reduction of up to 65% over high intensity installations. The luminaire offers design flexibility with an advanced optical system to meet a variety of roadway and area applications.

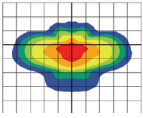
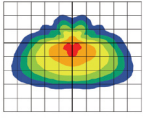
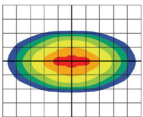
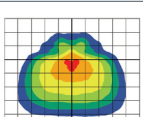
At a Glance

- + Lumen packages ranging from 31,000 to 120,000 provide one-for-one replacement of up to 1,000+ watt HPS
- + Prismatic glass optics provide high application efficacy, uniformity, and glare control
- + Four roadway lighting distributions for both median mount and offset pole mounting configurations
- + Three narrow and wide area distributions to maximize system efficacy and quality of light for multiple pole spacings
- + Long system life with driver life exceeding 100,000 hours and LED life of L82 @100,000 hours (DALI option available)
- + Robust mechanical design with IP66 optics, 3G vibration rating, 4-bolt mounting, and a polyester paint finish with 5,000-hour salt fog rating ensures system reliability
- + Robust extreme surge protection rating of 20kV/10kA
- + A variety control options include long-life DLL or DSNP7 controls from DTL® or a hardened, embedded Nyx Hemera wireless network control system
- + Field-adjustable output allows for zone control, accelerating your return on investment

Roadway Lighting

The luminaire has multiple roadway lighting distributions designed to maximize spacing while meeting stringent requirements of IES RP8 guidelines for average, uniformity and veiling luminance. Installation costs are minimized with this direct retrofit luminaire without rewiring or changing existing luminaire arms. Asymmetric distributions are easily aimed towards the roadway with the rotatable optical assembly.

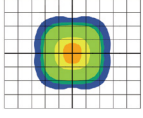
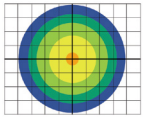
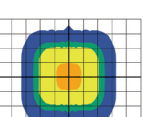
Energy Savings	
Energy Savings	60%
Maintenance Savings	60%
Service Life	>20 Years
Payback	3-4 Years

Design Flexibility		
	NAS	Narrow Asymmetric
	MAS	Medium Asymmetric
	LN	Long and Narrow for Median Mount
	FTA	Forward Throw

Area Lighting

The luminaire has an area narrow and area wide distribution to maximize pole spacing while meeting the required foot-candle level and uniformity for the application. Performance packages range up to 86,000 lumens designed to meet critical levels for "high task" areas in Ports, Rail Yards, Industrial, and Correctional facilities. The fully prismatic glass optics produce an overlapping light pattern resulting in high application efficacy providing excellent uniformity and glare control resulting in excellent visibility within the space.

Energy Savings	
Energy Savings	65%
Maintenance Savings	60%
Service Life	>20 Years
Payback	3-4 Years

Design Flexibility		
	AN	Area Narrow
	AW	Area Wide
	AWS	Area Wide Square



HMLED4 Series

High-mast Roadway and Area Lighting

- + **Prismatic Borosilicate Glass Optics**
for optimal performance and durability
- + **Rotating Optical Assembly**
provides application design flexibility
- + **Robust Cast Aluminum Housing**
with 5,000 hour salt fog rated finish
- + **Removable Power Door**
to simplify installation & maintenance
- + **Stainless Steel Captive Screws**
allow easy access into electrical compartment
- + **XVOLT driver option**
277-480V range and built-in protection
against common power quality issues



High performance modular LED light engine



FAO (Field-Adjustable Output) Module



Reliable 20kV/10kA extreme surge protection



3-stage terminal block for ease of wiring and installation



3 or 7-pin receptacle with a variety of controls options



4-bolt mounting provides 5-degree tilt and 3G rating



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Contact your local Holophane factory sales representative for application assistance, and computer-aided design and cost studies.

Warranty Five-year limited warranty. Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Visit our web site at www.holophane.com

