

HMAO™ LED II

HIGH MAST LIGHTING

ROADWAY AND AREA LIGHTING LUMINAIRE

The HMAO LED II is a highly engineered product specifically for high mast applications. It provides long system life, excellent uniformity, substantially reduced maintenance costs and energy reduction of up to 77% over incumbent high intensity discharge systems. The luminaire offers design flexibility with an advanced optical system to meet a variety of applications from area lighting to roadway lighting.



KEY FEATURES

- + Replaces existing 400-1000 watt high mast luminaires
- + Lumen packages range from 28,000-61,000 lumens
- + Energy reduction up to 77%
- + LED light engines are rated L83 at 100,000 hours at 25°C
- + Improved visibility of white light
- + Type II, III, IV prismatic glass roadway optics
- + Type V narrow and wide prismatic glass area optics
- + Rotating optical assembly aligns asymmetric distributions to roadway
- + Robust design- low copper die cast aluminum housings reduce weight to 50 pounds
- + Four-bolt arm mount and is 3G vibration rated
- + Electronic driver life of 100,000 hours at 25°C
- + Robust paint finish yields a 5,000 hour salt spray finish
- + IP66 rated light engine, IP65 rated electrical enclosure
- + Control options include 0-10V dimming, NEMA photocell receptacle, and field adjustable output
- + UL 1598, 40C safety listing

ROADWAY LIGHTING

The HMAO LED II is the next generation of the well-established HMAO LED product for roadways and interchanges. The luminaire has multiple road and area distributions designed to maximize energy and maintenance savings for this application. Installation costs are minimized with this direct retrofit luminaire without rewiring or changing existing luminaire mounting arms. Asymmetric distributions are easily aimed towards the roadway with the rotatable optical assembly.

AREA LIGHTING

For infrastructure area lighting, The HMAO LED II provides a very attractive alternative to incumbent high intensity discharge luminaires. This luminaire can achieve up to 77% reduction in energy costs, coupled with a long life system of 100,000 hours, maintenance costs can be reduced by a minimum of 50%. The prismatic glass optics produce an overlapping light pattern resulting in high application efficacy and excellent uniformity providing excellent visibility in the space.

ORDERING INFORMATION

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

HMLED2 1 LUMINAIRE HMLED2	12 2 NUMBER OF LED 06 09 12	5K 3 COLOR TEMP 4K 5K	AH 4 VOLTAGE AS AH	G 5 COLOR A G H K W Z	N 6 OPTICAL N M F AN AW	FD1 7 OPTIONS AO DM FD1 FD2 P3 P5 P7 PCSS PCL1 PCL3 PCL4 PSC	F1 8 ACCESSORIES F1 F2 HMLED2SD90 HMLED2SD120 HMLED2SD180
--	--	---	--	---	--	--	--

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

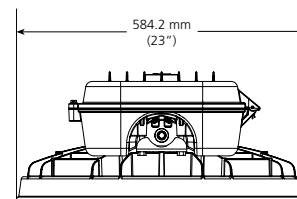
(Pricing and lead times may be affected)



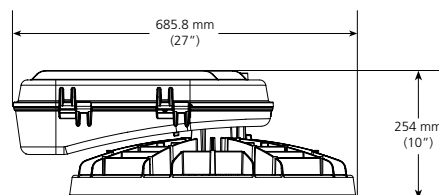
STEP 1: LUMINAIRE	
HMLED2	High Mast LED
STEP 2: NUMBER OF LED	
06	06 COB LED
09	09 COB LED
12	12 COB LED
STEP 3: COLOR TEMP	
4K	4,000 CCT+/-250K
5K	5,000 CCT+/-250K
STEP 4: VOLTAGE	
AS	Auto-sensing voltage (120 thru 277V)
AH	Auto-sensing voltage (347 thru 480V)
STEP 5: COLOR	
A	As Specified
G	Gray
H	Graphite
K	Black
W	White
Z	Bronze
*Colors are just a representation. Custom colors are available upon request	
STEP 6: OPTICAL	
N	Narrow asymmetric Type II
M	Medium asymmetric Type III
F	Forward throw asymmetric Type IV
AN	Area narrow Type V
AW	Area wide Type V

STEP 7: OPTIONS	
AO ¹	Field adjustable output
DM ²	0-10V dimming
FD1	Single fusible disconnect
FD2	Double fusible disconnect
P3	3 Pin NEMA Receptacle
P5 ²	5 Pin NEMA Receptacle
P7 ²	7 Pin NEMA Receptacle
PCSS ³	DTL DSS (120-277) photocontrol
PCL1 ³	DTL DLL (120-277) photocontrol
PCL3 ³	DTL DLL (347) photocontrol
PCL4 ³	DTL DLL (480) photocontrol
PSC ⁴	Shorting cap
1. Not available with DM, P5, P7	
2. Not available with AO	
3. Shipped in carton with unit. Must be used with option P3, P5, or P7. Not available with voltage code AH.	
4. Shorting cap not available with photocontrol. Must be used with option P3, P5, or P7.	
STEP 8: ACCESSORIES	
F1	Single fusing accessory
F2	Double fusing accessory
HMLED2SD90	90° shield
HMLED2SD120	120° shield
HMLED2SD180	180° shield

DIMENSIONAL DETAILS



HMAO LED II
Maximum weight: 50lbs (22.7kg)
Maximum E.P.A.: 1.3 sq. ft.



HMAO LED LUMEN PACKAGES AN OPTIC				
Number of LED modules	CCT	Lumens	Input Watts	LPW
6	4000K	30,705	249	123
9	4000K	46,075	376	123
12	4000K	61,410	498	123



Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx
Product specifications may change without notice. Please contact your sales representative for the latest product information.

Contact your local Holophane factory sales representative for application assistance, and computer-aided design and cost studies. For information on other Holophane products and systems, call the Inside Sales Service Department at 866-759-1577. In Canada call 905-886-8967 or fax 905-886-7973.