

With Enhanced Glare-Free Illumination and various popular Beam Spreads, AEON Hi-Mast Lighting Provides Crisp Illumination, avoiding any Visual Discomfort. AEON's Proprietary Optics produce the Ideal Light Distribution and Beam Spreads for Variety of Hi-Mast Lighting applications, while saving you up to 79% in Energy use compared to Traditional HID Lighting.

AEON Hi-Mast Lighting is Adaptable to Various Intelligent Lighting Controls - Wired or Wireless. It offers Advanced Functionality and User Friendly features with Quick Connect Wiring System. No Manual Wiring Required for Dimming or Smart Lighting Controls - Saving Time and Labor for Installation.

**2 Popular Lumen Packages:**

310W: 51,150 Lumens

500W: 80,000 Lumens

Designed, Engineered &



Assembled in the USA

SAVE UP TO

**79%**

ON YOUR  
ENERGY COSTS

98%  
RECYCLABLE



**NO**  
LEAD, MERCURY, TOXIC  
GASES OR HEAVY METALS

Proprietary  
& Patented  
Designs!



**Illuminating facts about High Performance AEON™ LED Luminaires**  
**Better for your Eyes, Better for the Planet.**

**What makes the AEON™ Hi-Mast Lighting Luminaires**  
**your Lighting Solution of Choice?**

- The most powerful Flood Light Luminaire with the Highest Reliability Level: Incredibly High (95%+) Total Efficiency and with the Highest Efficacy in its own Class: Up to 170+ Delivered LpW. Greater Light, Fewer Luminaires.
- Operational Flexibility: Adaptable to Various Intelligent Lighting Controls - Wired or Wireless, Wi-Fi, Bluetooth, Dali, Zhaga, DMX, Hybrid Networked Lighting Controls, etc.
- Heavy-duty, Lightweight and Durable Die-Cast Design for High Wear Resistance: Withstands Harsh, Extreme Outdoor Conditions and Corrosive Environments.
- Technology within the Luminaire: No Outside Exposure to any Sensitive Electronic Components.
- High Color Rendition showing True Colors: CRI >85+.
- Proprietary Glare and Flicker-free Illumination: No Visual Discomfort. UGR <19.
- Neighborhood-Friendly: Avoids Light Pollution and Trespass. Optical Accuracy - Directs Light precisely where needed without any Light Spillage or Sky Glow.
- Precise, Custom-engineered Optics with Controlled Intensity and Uniformity: Maintains Consistent Delivered Foot Candles over the Luminaires life with Minimal Lumen Depreciation.
- State-of-the-Art, Aesthetically Pleasing Compact Design with No Exposed Electronics or Wiring. Rugged, Weather-tight Design, IP67 Rated for Wet location.
- Proprietary Thermal Efficient Design with Passive Cooling Maximizes Heat Dissipation for Longer Life of the Luminaire. Designed for Greater Life Expectancy in Warmer Climates.
- Patented Design for Longer Life of LED Package and Electronics.
- Variable Dimming Control: 0-10VDC
- User Friendly Features: Lenses, Modules and Drivers are Field-Changeable. Saves Time, Labor and Money....no need to replace the entire Luminaire!
- Available with Optional Tempered Glass Lens for additional Safety and UV Protection



The Most  
Efficient, Versatile and  
the Most Powerful LED  
Hi-Mast Lighting  
Luminaires in the  
Industry!



*Shown with Optional  
Tempered Glass Lens*

AEON Model	Watts	Delivered Lumens	HID Equivalent	Energy Savings*	Current Draw (mA)						Net Weight	EPA (Sq. Ft.)
					120V	208V	240V	277V	347V	480V		
HL-AEF-310WD-HM	310W	51,150	1500W	79%	2719	1569	1360	1243	993	718	28 lbs. (12.5 Kg.)	1.3
HL-AEF-500WD-HM	500W	80,000	2000W	75%	4386	2530	2193	2006	1601	1157	31 lbs. (14 Kg.)	1.3

\* Does not include Ballast Loss, Maintenance, Replacement Lamp Savings and Disposal Costs which amount to an additional Savings of 30~50%!

## NEXGEN PRODUCTS

- Patented Revolutionary Aerodynamic Design for Minimal Wind Resistance.
- UV Stabilized Electrostatic Finish and Stainless Steel Hardware to withstand Extreme Outdoor Conditions.
- Incredibly Long Lifespan of over 100,000 Hours.
- Solid-State: No Moving Parts. Ideal for High Vibration Areas (ANSI C136.31, 3G Rated). Simple, Reliable, and Affordable, Maintenance-free Design.
- Advance Technology for Luminaire Longevity: Integrated Power Supply Operates at Lower Temperature and at incredible 95%+ Efficiency.
- 6kV (Line-Line) Surge Protection and 10kA / 20kV Inline Surge Protection against Over Voltage, Short Circuiting, and Over Temperature.
- Suitable for Ambient Temperatures: -40°F - +122°F (-40°C - +50°C).
- Ultra-Low EMI (THD <20) eliminates Electrical Interference with surrounding sensitive Electronic Systems.
- Standard Included: Instant On/Off, Continuous Dimming, Pre-wired Sheathed Cord and 3.3 ft (1m) S.S. Safety Cable.
- RoHS Compliant: No Lead, Mercury, Toxic Gases or any Hazardous Materials. Facilitates LEED® points.
- Environmentally Friendly: 98% Recyclable.
- Save Labor Cost Significantly: Quick & Easy Installation Process. Lowest Total Cost of Ownership. Shortest Payback Period and a High ROI.
- Meets/Exceeds National and International Standards

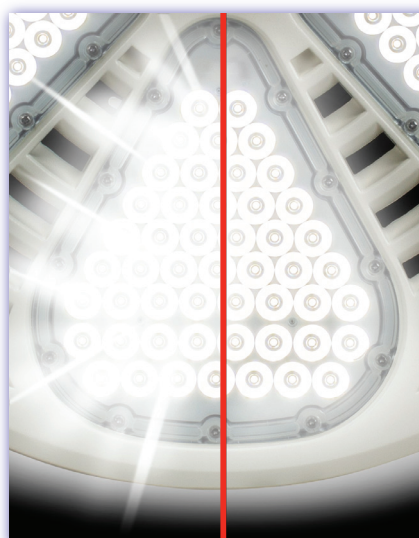
### 2 Popular Lumen Packages:

310W: 51,150 Lumens

500W: 80,000 Lumens

Multi-Voltage Options

120-277VAC / 347-480VAC



Standard LED Optics

AEON™  
Proprietary  
Glare-Free  
LED Optics

SAVE UP TO  
**79%**  
ON YOUR  
ENERGY COSTS



98%  
RECYCLABLE



**NO**  
LEAD, MERCURY, TOXIC GASES  
OR HEAVY METALS



**2-for-1**  
Replacement  
More Light  
Less  
Luminaires



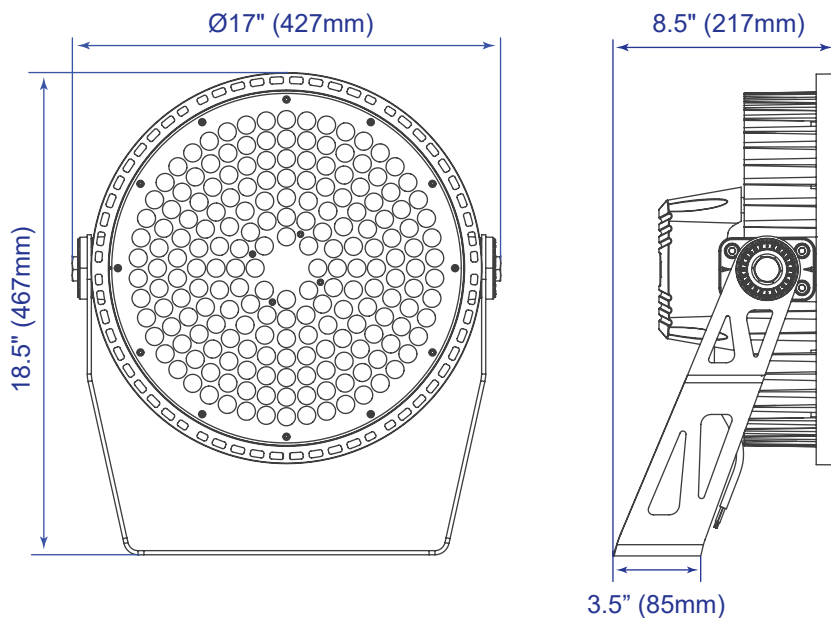
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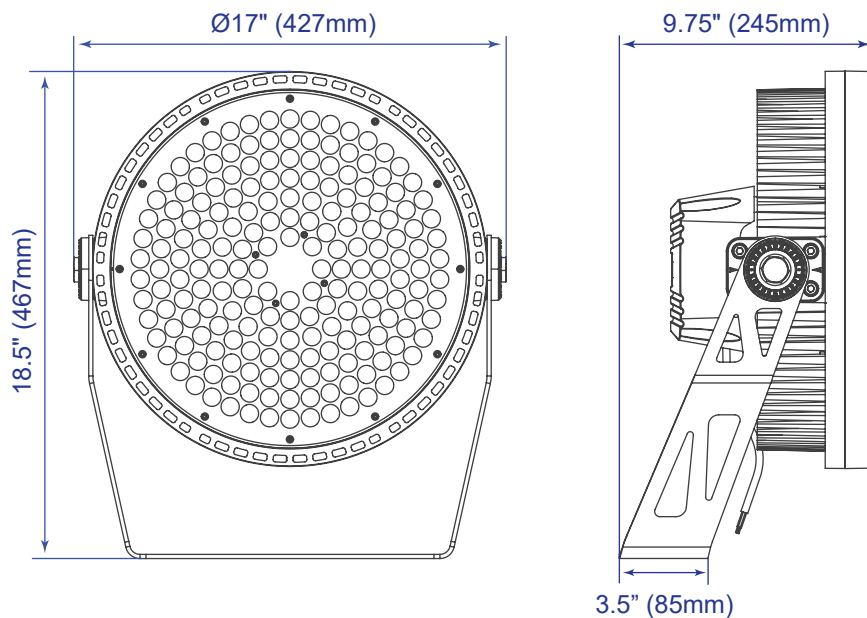
For more information, please visit: <https://aeonledlighting.com/>

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**HL-AEF-310WD-HM and HL-AEF-500WD-HM Dimensions with Polycarbonate Lens**



**HL-AEF-310WD-HM and HL-AEF-500WD-HM Dimensions with Tempered Glass Lens**



**Ordering Nomenclature:**

HL	—	AEF	—	500	—	50	—	4	—	277V	—	HM	—	WH	—	TG
COMPANY		SERIES		WATTS		CCT		NEMA SPREAD		VOLTAGE		TYPE		COLOR		OPTIONS
				310 500		40K = 4000K 50K = 5000K		4 6		277V = 120V-277V 480V = 347V-480V				WH = White BZ = Bronze GY = Gray BK = Black		See Options Below

**Important Note:**

Standard CCT: 5000K  
Other CCT'S available  
as "Special Order" only  
and with Longer Lead Times

**Options:**

TG	Tempered Glass
PCK-7	Photo Control Receptacle Kit Only (Photocell <u>not</u> included)

**Important Note:**

Standard Color: Signal White. Other  
Colors available as "Special Orders"  
only and with Longer Lead Times