



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 75% 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:**

500W: 91,300 Lumens

750W: 113,880 Lumens

Designed, Engineered &



Assembled in the USA

SAVE UP TO

**75%**  
ON YOUR  
ENERGY COSTS

98%  
RECYCLABLE



**NO**

LEAD, MERCURY, TOXIC  
GASES OR HEAVY METALS

Proprietary  
& Patented  
Designs!



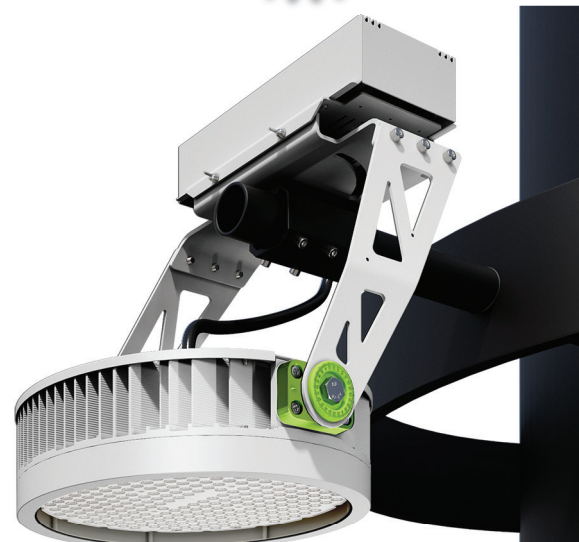
**Illuminating facts about High Performance AEON™ LED Luminaires**  
**Better for your Eyes, Better for the Planet.**

**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: 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.
- Variable Dimming Control: 0-10VDC
- Heavy-duty, Lightweight and Durable Die-Cast Design for High Wear Resistance: Withstands Harsh, Extreme Outdoor Conditions and Corrosive Environments.
- State-of-the-Art, Aesthetically Pleasing Compact Design with No Exposed Electronics or Wiring. Rugged, Weather-tight Design, IP67 Rated for Wet location.
- Patented Cross-Vent Convection Design for Longer Life of LED Package and 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.
- 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 Revolutionary Aerodynamic Design for Minimal Wind Resistance.
- 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-APF-500WD-HM | 500W  | 91,300           | 2000W          | 75%             | 4386              | 2530 | 2193 | 2006 | 1601 | 1157 | 45 lbs. (20.5 Kg.) | 2.25          |
| HL-APF-750WD-HM | 750W  | 113,880          | 3000W          | 75%             | 6579              | 3796 | 3289 | 3008 | 2402 | 1736 | 49 lbs. (22 Kg.)   | 2.25          |

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

## NEXGEN PRODUCTS



2 Popular Lumen Packages:

500W: 91,300 Lumens

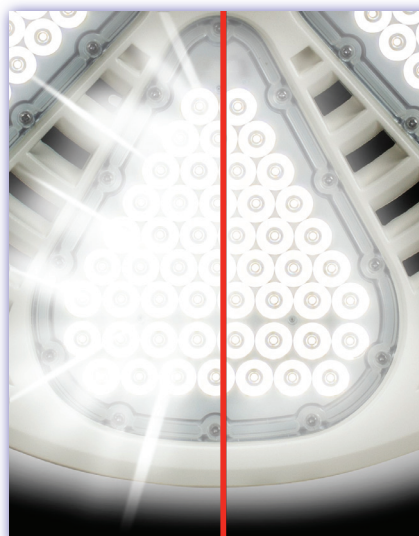
750W: 113,880 Lumens

Multi-Voltage Options

120-277VAC / 347-480VAC

- Simple, Reliable, and Affordable, Maintenance-free Design.
- Save Labor Cost Significantly: Quick & Easy Installation Process. Advanced Functionality and User Friendly with Quick Connect System - Lowest Total Cost of Ownership. Shortest Payback Period and a High ROI.
- 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 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.
- Meets/Exceeds National and International Standards

Standard LED Optics



AEON™  
Proprietary  
Glare-Free  
LED Optics



98%  
RECYCLABLE



NO

LEAD, MERCURY, TOXIC GASES  
OR HEAVY METALS



2-for-1  
Replacement  
More Light  
Less  
Luminaires



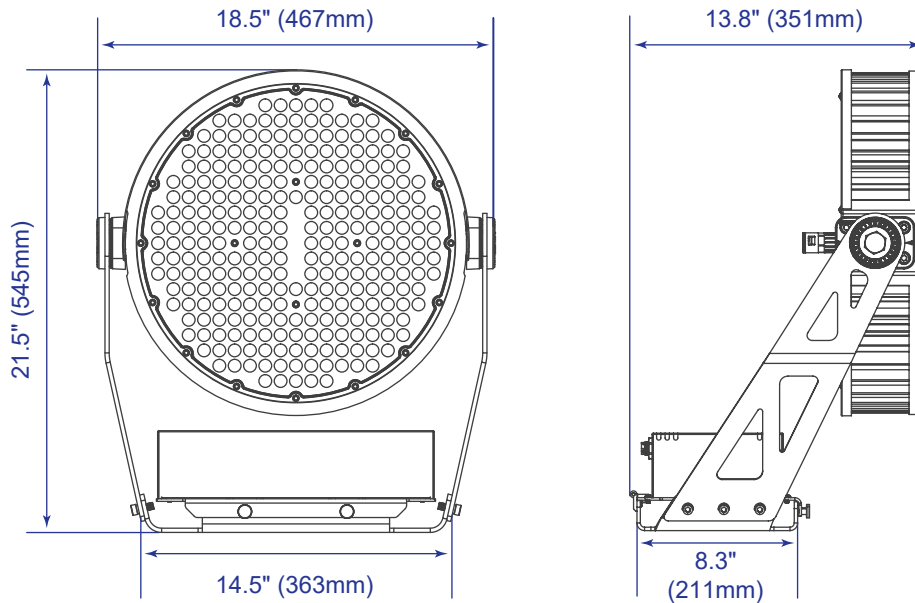
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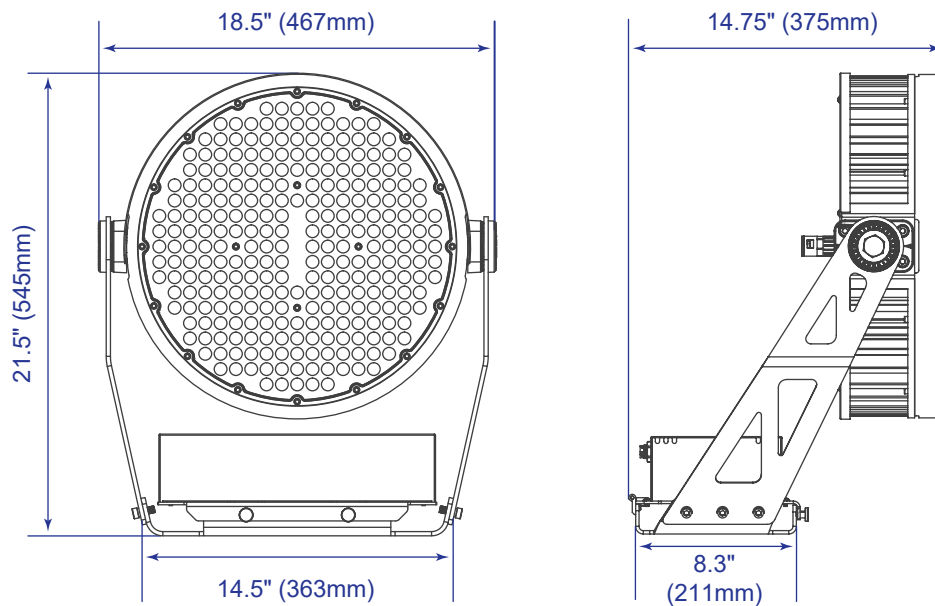
For more information, please visit: <https://aeonledlighting.com/>

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**APF-500-HM and APF-750W-HM Dimensions with Polycarbonate Lens**



**APF-500-HM and APF-750W-HM Dimensions with Tempered Glass Lens**



**Ordering Nomenclature:**

|         |   |        |   |       |   |             |   |             |   |                  |   |      |   |             |   |             |
|---------|---|--------|---|-------|---|-------------|---|-------------|---|------------------|---|------|---|-------------|---|-------------|
| HL      | — | APF    | — | 500WD | — | 50          | — | 4           | — | 277V             | — | HM   | — | WH          | — | TG          |
| COMPANY |   | SERIES |   | WATTS |   | CCT         |   | NEMA SPREAD |   | VOLTAGE          |   | TYPE |   | COLOR       |   | OPTIONS     |
|         |   |        |   | 500WD |   | 40K = 4000K |   | 3           |   | 277V = 120V-277V |   |      |   | WH = White  |   | See Options |
|         |   |        |   | 750WD |   | 50K = 5000K |   | 4           |   | 480V = 347V-480V |   |      |   | BZ = Bronze |   | Below       |
|         |   |        |   |       |   |             |   | 6           |   |                  |   |      |   | GY = Gray   |   |             |
|         |   |        |   |       |   |             |   |             |   |                  |   |      |   | BK = Black  |   |             |

**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 not included)

**Important Note:**

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