

AEON™ PNR SERIES

Our Technology is in a League of its Own
...Innovation that will enable New Experiences at Sports Venues!

- 140 LpW
- IP66
- Glare-Free, UGR <19

With Enhanced Glare-Free Illumination, AEON PNR Series Sports Light Minimizes Shadows and Provides Crisp Illumination of the Playing Surface, Heightening the Drama of each Play and avoiding any Uncomfortable Sensation or Visual Discomfort for the Athletes, Players or the Spectators. AEON's Proprietary Optics produce the Ideal Distribution for Sports Lighting, all while saving you up to 67% in Energy use compared to Traditional Sports Lighting.

Engineered with State-of-the-Art technology for Efficiency, Glare Control and Uniformity, the AEON PNR Series Sports Light is ideal for Municipal, High School, Collegiate and Recreational Indoor and Outdoor Sports Venues and Outdoor Stadium Lighting.

The AEON PNR Series Sports Light features High Energy Efficiency, Instant On/Off, Dimming, Full Controllability, and Complete Flexibility while providing Seamless Flicker-Free Lighting.

The AEON PNR Series delivers Simple, Smart and Easy-to-use Sports Lighting Solutions that provide Advanced Functionality, Versatility and Operational Efficiency.

2 Popular Lumen Packages to Suit a Variety of Indoor and Outdoor Sports:

500W: 69,200lm (~1500W HID)

750W: 97,650lm (~2000W HID)

SAVE UP TO
67%
ON YOUR
ENERGY COSTS



Illuminating facts about High Performance AEON™ LED PNR Series Sports Light - Better for your Eyes, Better for the Planet.

What makes the AEON™ LED Sports Light your Lighting Solution of Choice?

The Ultimate Sports Light for Versatility

- The Most Powerful Sports Luminaire with Highest Reliability Level: Incredibly High 95% Total Efficiency and with Highest Efficacy in its own Class: Up to 138 Delivered LpW. More Light with Fewer Luminaires.
- Heavy-duty, Lightweight and Durable Die-Cast Design for High Wear Resistance: Withstands Harsh, Extreme Outdoor Conditions and Corrosive Environments.
- 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.
- State-of-the-Art, Aesthetically Pleasant Compact Design with No Exposed Electronics or Wiring. Rugged, Weather-tight Design, IP66 (NEMA 4X) Rated for Wet location.
- Patented Cross-Vent Convection Design for Longer Life of LED Package and Electronic Components.
- Adjustable in 15° Increments: 0-90° Orient and 270° Tilt Angle.
- Optimized Configuration for different Sports and Class of Play.
- Proprietary Glare-Free Illumination: No Uncomfortable Sensation or Visual Discomfort for the Players, Spectators and for Broadcast. UGR <19.
- Precise, Custom-engineered Optics with Controlled Intensity and Uniformity: Maintains Consistent Delivered Foot Candles over Luminaire's Life.
- High Color Rendition showing True Colors: CRI >85.
- Proprietary Design offers Uniform and Constant Light Levels throughout the Life of the Luminaire with Minimal Lumen Depreciation.
- Avoids Light Pollution and Trespass: Optical Accuracy. Directs Light precisely where needed without Spill.
- Advance Technology for Luminaire Longevity: Integrated Power Supply Operates at Lower Temperature and at incredible 95% Efficiency.
- Technology within the Luminaire: No Outside Exposure to any Sensitive Electronic Components.
- Ultra-Low EMI eliminates Electrical Interference with surrounding Electronic Systems.

Proprietary
& Patented
Designs!

The Most
Efficient &
Powerful LED
Sports Light in
the Industry!



100%
Project
Financing
Available

Additional Options available:

- Full RGB Colors and DMX Controls
- Extended Warranty
- Complete Package with Poles, Cross-Arms & Platforms

Designed, Engineered &



Assembled in the USA



Contract
47QSWA20D0040

AEON Model	Watts	Delivered Lumens	HID Equivalent	Energy Savings*	Input Line Current (A)				Net Weight	EPA (Sq. Ft.)
					120V	277V	347V	480V		
HL-APS-500WD	500W	69,200	1500W	67%	3.95A	1.71A	1.36A	0.98A	35 lbs. (15.9 Kg.)	1.85
HL-APS-750WD	750W	97,650	2000W	63%	6.5A	2.85A	2.25A	1.64A	40 lbs. (18.2 Kg.)	1.85

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

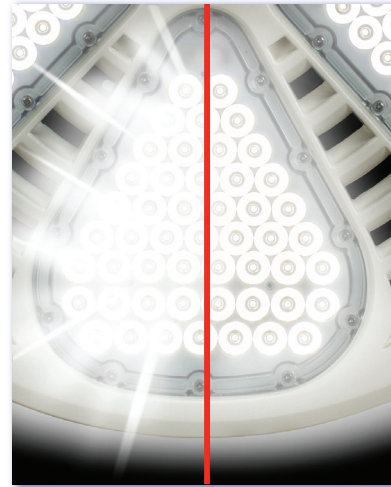
2 Popular Lumen Packages to Suit a Variety of Indoor and Outdoor Sports:

500W: 69,200lm (~1500W HID)

750W: 97,650lm (~2000W HID)

- Rugged, Durable and Compact Luminaire stands up to the most demanding Elements and is Excellent for use in Hot & Humid Climates and Suitable for use in Corrosive Environments.
- UV Stabilized Electrostatic Finish and Stainless Steel Hardware to withstand Extreme Outdoor Conditions.
- Incredibly Long-Life Span of over 100,000 Hours.
- Simple, Reliable, and Affordable, Maintenance-free Design.
- Advanced Functionality and User Friendly with Quick Connect System: Lenses, Modules and Drivers are Field-Changeable.
- Solid-State: No Moving Parts. Ideal for High Vibration Areas (ANSI C136.31, 3G Rated).
- Standard Included: Instant On/Off, Continuous Dimming, 6 ft. (2M) Prewired Sheathed Cord, Glare Shield, Laser Pointer with Mount for Precise Point Aiming, Hoist Hook and 3.3 ft (1M) Stainless Steel Safety Cable.
- Multi-Voltage: Available in 120-277VAC and 347-480VAC.
- 10kA / 20kV Inline Surge Protection against Over Voltage, Short Circuit, and Over Temperature.
- Suitable for Ambient Temperatures: -40°F~+122°F (-40°C~+50°C).
- RoHS Compliant: No Lead, Mercury, Toxic Gases or any Hazardous Materials. Facilitates LEED® points.
- Environmentally Friendly: 98% Recyclable.
- Neighborhood-Friendly: No Spillage or Sky Glow.
- Save Labor Cost Significantly: Quick & Easy Installation Process.
- Tool-less Entry allows for Easy Installation and Maintenance.
- Low Total Cost of Ownership. Shortest Payback Period and a High ROI.
- Meets/Exceeds National and International Standards.

Standard LED Optics



AEON™
Proprietary
Glare-Free
LED Optics



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

Multi-Voltage
Options

120-277VAC / 347-480VAC

SAVE UP TO

67%

ON YOUR
ENERGY COSTS



98%
RECYCLABLE

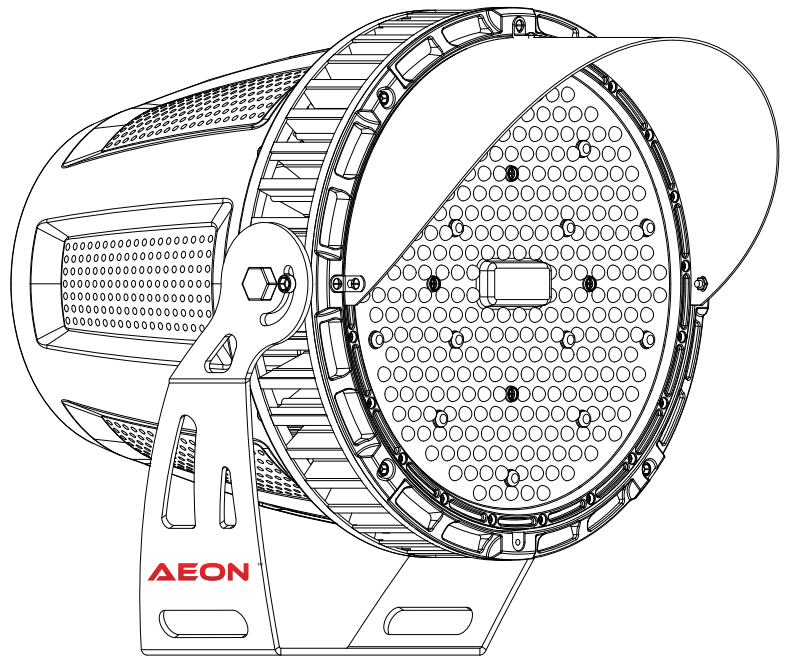


NO
LEAD, MERCURY, TOXIC GASES
OR HEAVY METALS

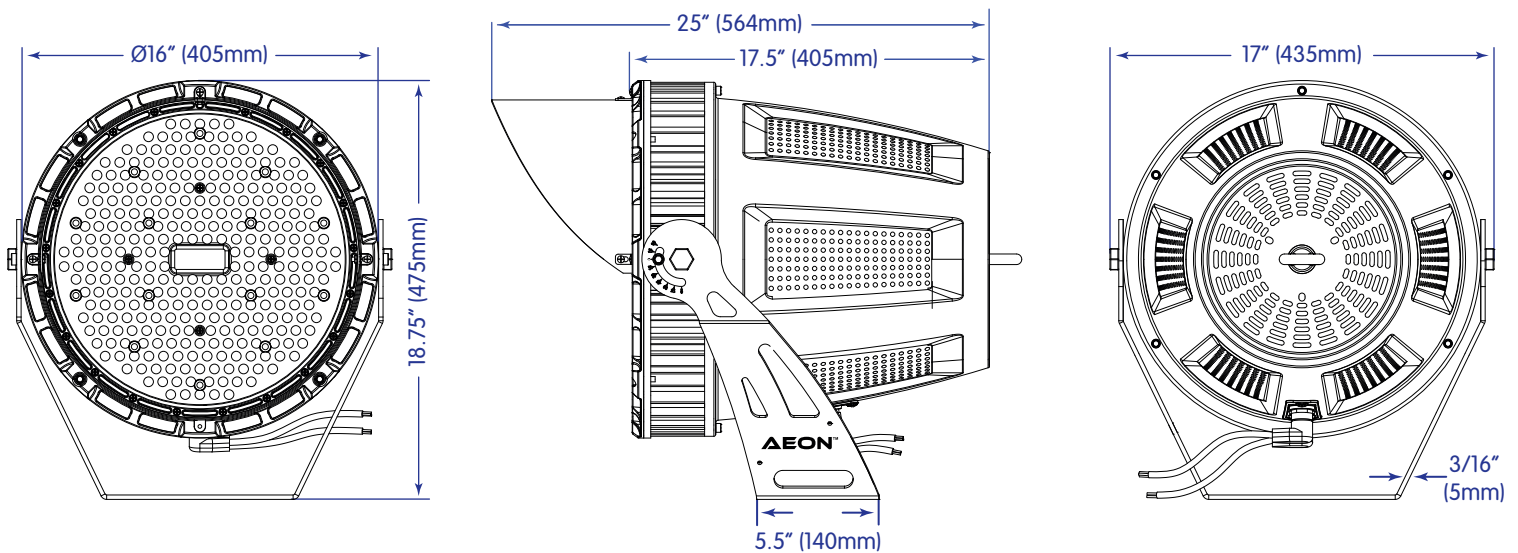


500W Beam Angle		
Distance	Max FC	Beam Diameter
33 ft.	74	26.8 ft.
66 ft.	19	53.6 ft.
99 ft.	8	80.5 ft.
133 ft.	5	108.1 ft.
200 ft.	2	162.5 ft.
Beam Angle: 45° Field Angle: 55°		

750W Beam Angle		
Distance	Max FC	Beam Diameter
33 ft.	108	27.5 ft.
66 ft.	27	55.0 ft.
133 ft.	12	82.6 ft.
200 ft.	7	111.0 ft.
300 ft.	3	166.8 ft.
Beam Angle: 46° Field Angle: 58°		



Dimensions



Ordering Nomenclature:

HL	—	APS	—	500	—	K	—	277	—	WH
COMPANY		SERIES		WATTS		CCT		VOLTAGE		COLOR
				500WD 750WD		40K = 4000K 50K = 5000K 57K = 5700K		277V = 120V-277V 480V = 347V-480V		WH = White GY = Gray BK = Black

Important Note:

Standard CCT: 5000K
4000K & 5700K available
as "Special Order" only
and with Longer Lead Times

Important Note:

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

As part of the company's continuous product improvement program, HyLite reserves the right to change materials or modify the design of its product without notification. All Specifications subject to change without notice. All values are design and/or typical values when measured under laboratory conditions. Actual Values depend upon the ambient temperature of the installation location. Please consult factory for your specific requirements.