

- 140 LpW
- Glare-Free, UGR <19
- IP67

With Enhanced Glare-Free Illumination and various popular Beam Spreads, AEON 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 83% in Energy use compared to Traditional Lighting.

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

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

5 Popular Lumen Packages:

230W: 33,100lm (~1000W HID)

310W: 44,100lm (~1500W HID)

440W: 62,100lm (~2000W HID)

520W: 73,500lm (~3000W HID)

750W: 105,000lm (~4000 HID)

Designed, Engineered &



Assembled in the USA



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 Hi-Mast Lighting Luminaire with the Highest Reliability Level: Incredibly High 95% Total Efficiency and with the Highest Efficacy in its own Class: Up to 140 Delivered LpW. More Light with Fewer Fixtures.
- 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.
- State-of-the-Art, Aesthetically Pleasant Compact Design with No Exposed Electronics or Wiring. Rugged, Weather-tight Design. IP67 Rated for Wet location.
- Patented Aerodynamic Convection Design for Longer Life of LED Package and Electronics and for Minimal Wind Resistance.
- Multiple Beam Spreads allows for Optimized Configuration for Different Applications.
- Proprietary Glare-Free Illumination: No Visual Discomfort. UGR <19.
- Precise, Custom-engineered Optics with Controlled Intensity and Uniformity: Maintains Consistent Delivered Foot Candles over the Luminaires 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.
- Optical Accuracy. Directs Light precisely where needed without any Spillage.
- Technology within the Fixture: No Outside Exposure to any Sensitive Electronic Components.
- Adaptable to Various Intelligent Lighting Controls: Wired or Wireless.
- Ultra-Low EMI eliminates Electrical Interference with surrounding Electronic Systems.



98%
RECYCLABLE



NO
LEAD, MERCURY, TOXIC
GASES OR HEAVY METALS



Contract
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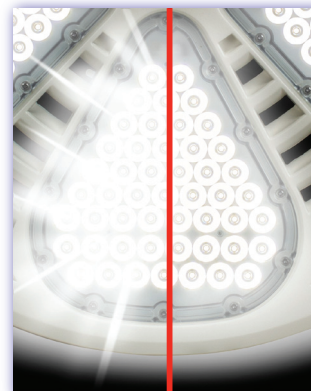
SAVE UP TO
83%
ON YOUR
ENERGY COSTS



AEON Model	Watts	Delivered Lumens	HID Equivalent	Energy Savings*	Input Line Current (A)				Net Weight	EPA (Sq. Ft.)
					120V	277V	347V	480V		
HL-AF-230WD	230W	33,100	1000W	77%	2.1A	0.9A	0.7A	0.5A	29 lbs.	1.6
HL-AF-310WD	310W	44,100	1500W	79%	2.8A	1.2A	1.0A	0.7A	34 lbs.	1.6
HL-AF-440WD	440W	62,100	2000W	78%	3.9A	1.7A	1.4A	1.0A	44 lbs.	2.2
HL-AF-520WD	520W	73,500	3000W	83%	4.6A	2.0A	1.6A	1.2A	48 lbs.	2.2
HL-AF-750WD	750W	105,000	4000W	81%	6.7A	2.9A	2.3A	1.7A	66 lbs.	3.0

- 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.
- No Light Spillage.
- 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, 10 ft. Prewired Sheathed Cord, Hoist Hook and 3.3 ft (1m) Stainless Steel Safety Cable.
- 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.
- 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.

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



Standard LED Optics

AEON™
Proprietary
Glare-Free
LED Optics

2-for-1
Replacement.
More Light
Less
Luminaires

SAVE UP TO
83%
ON YOUR
ENERGY COSTS

Multi-Voltage
Options

120-277VAC / 347-480VAC



Ordering Nomenclature:

HL	—	AF	—	520WD	—	50K	—	N4	—	277V	—	WH	—	PCK-7
COMPANY		SERIES		WATTS		CCT		BEAM TYPE		VOLTAGE		COLOR		OPTIONS
				230WD 310WD 440WD 520WD 750WD		30K = 3000K 40K = 4000K 50K = 5000K		N2 N3 N4 N5 N6		277V = 120V-277V 480V = 347V-480V		GY = Gray BK = Black BZ = Bronze		See Options, below
						Important Note: Standard CCT: 5000K 3000K & 4000K available as "Special Order" only and with Longer Lead Times						Important Note: Standard Color: Signal White (WH) Other Colors available as "Special Orders" only and with Longer Lead Times		

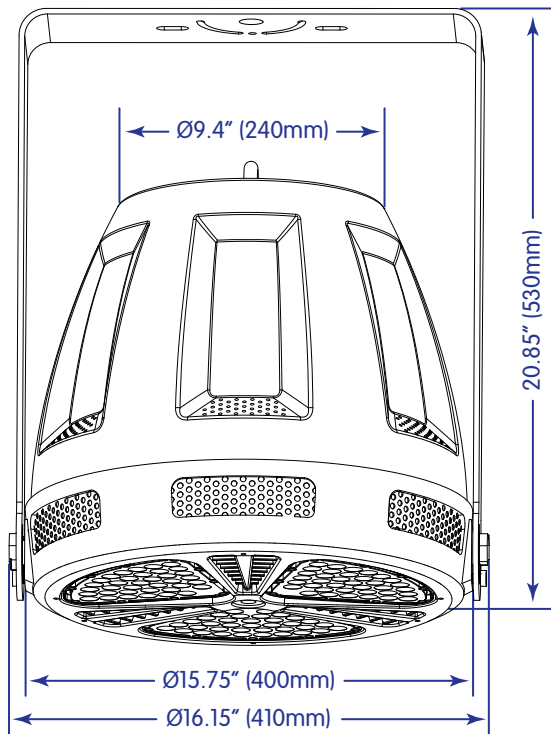
Options:

YB-2331 High Mast / Indirect Lighting Yoke Bracket for 230W-310W
YB-7500 High Mast Yoke Bracket for 750W

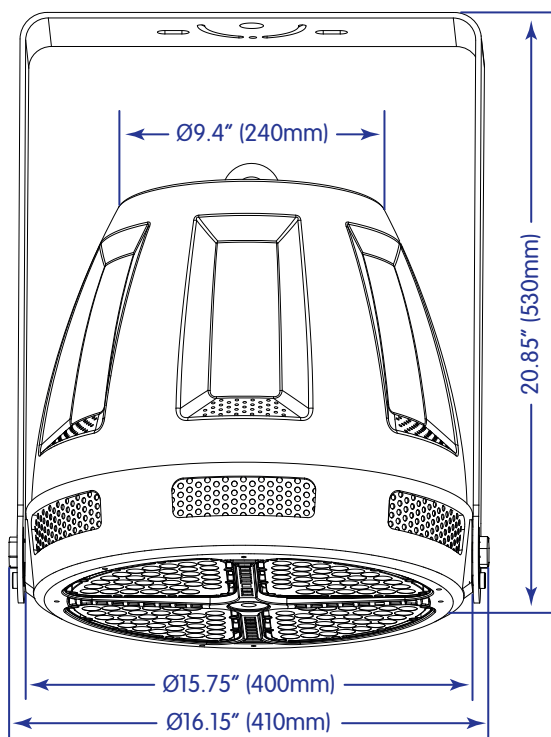
YB-4452 High Mast / Indirect Lighting Yoke Bracket for 440W-520W
PCK-7 Photo Control Receptacle Kit Only (Photocell not included)

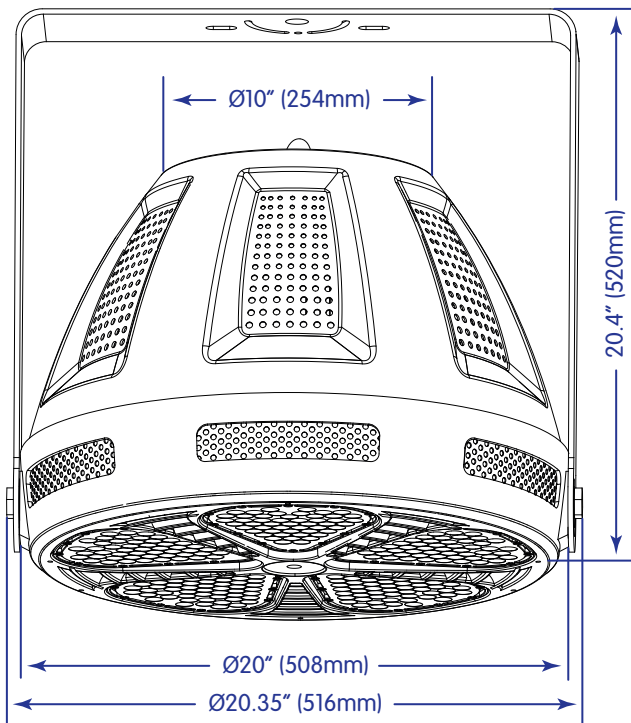
As part of the company's continuous product improvement program, HyLite reserves the right to change materials or modify the design of its product without notification. All Specifications subject to change without notice. All values are design and/or typical values when measured under laboratory conditions.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

230WD



310WD



440WD / 520WD**750WD**