

HYLITE™
LED Lighting

Available in Two Popular Lumen Packages with Loop Mount Option
to suit a Variety of Direct Lighting Applications

AEON™
ECO SERIES

• 170+ LpW

• Glare-Free, UGR <19

• IP67

AEON™
Loop Mount
Direct Luminaires

NEXGEN
PRODUCTS

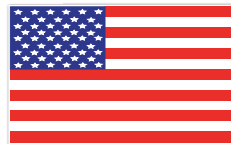
With Enhanced Glare-Free Illumination and various popular Beam Spreads, AEON Direct Lighting Provides Crisp Illumination, avoiding any Visual Discomfort. AEON's Proprietary Optics produce the Ideal Light Distribution and Beam Spreads for Variety of Direct Lighting applications, while saving you up to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

Engineered with State-of-the-Art technology for Glare Control, and Uniform Illumination, AEON Direct Lighting features Instant On/Off, Dimming, Full Controllability, High Energy Efficiency, Flicker-Free Lighting and Complete Flexibility.

AEON ECO Series Direct Lighting delivers a Simple, Smart and Easy-to-use Flood Lighting Solution to provide Advanced Functionality, Versatility and Operational Efficiency.

The Most
Efficient, Versatile and
the Most Powerful LED
Direct Lighting
Luminaires in the
Industry!

Designed, Engineered &



Assembled in the USA

2 Popular Lumen
Packages:

310W: 51,150lm

500W: 80,000lm



Shown with Optional Tempered Glass Lens

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

What makes the AEON™ Direct Lighting Luminaires your Lighting Solution of Choice?

- The most powerful Direct Lighting 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. More Light with Fewer Fixtures.
- Operational Flexibility: Adaptable to Various Intelligent Lighting Controls - Wired or Wireless, Wi-Fi, Bluetooth, Dali, Zhaga, DMX, Hybrid Networked Lighting Controls, etc.
- Advanced Functionality and User Friendly with Quick Connect System: Lenses, Modules and Drivers are Field-Changeable. Saves Time & Labor Costs Significantly
- 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. Rugged, Weather-tight Design. IP67 Rated for Wet location.
- Patented Convection Design for Longer Life of LED Package and Electronics
- 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.
- Ultra-Low EMI eliminates Electrical Interference with surrounding Electronic Systems.



Proprietary
& Patented
Designs!

Multi-Voltage
Options

120-277VAC / 347-480VAC

98%
RECYCLABLE



NO
LEAD, MERCURY, TOXIC
GASES OR HEAVY METALS



SAVE UP TO
79%
ON YOUR
ENERGY COSTS



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	310W	51,150	1500W	79%	2719	1569	1360	1243	993	718	28 lbs. (12.5 Kg.)	1.3
HL-AEF-500WD	500W	80,000	2000W	75%	4386	2530	2193	2006	1601	1157	31 lbs. (14 Kg.)	1.3

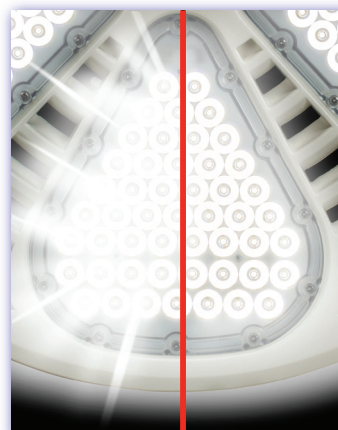
* Does not include Ballast Loss, Maintenance, Replacement Lamp Savings and Disposal Costs which amount to an additional Savings of 30~50%!

NEXGEN PRODUCTS

- 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.
- Advance Technology for Luminaire Longevity: Integrated Power Supply Operates at Lower Temperature and at incredible 95%+ Efficiency.
- 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.
- Solid-State: No Moving Parts. Ideal for High Vibration Areas (ANSI C136.31, 3G Rated). Simple, Reliable, and Affordable, Maintenance-free Design.
- Standard Included: Instant On/Off, Continuous Dimming and Prewired Sheathed Cord.
- 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).
- 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.

SAVE UP TO
79%
ON YOUR
ENERGY COSTS

Standard
LED Optics



AEON™
Proprietary
Glare-Free
LED Optics

2-for-1
Replacement.
More Light
Less
Luminaires



Multi-Voltage
Options
120-277VAC / 347-480VAC



Ordering Nomenclature:

HL	—	AEF	—	500	—	50K	—	N4	—	277V	—	LM	—	WH
COMPANY		SERIES		WATTS		CCT		BEAM TYPE		VOLTAGE		MOUNTING		COLOR
				310WD 500WD		30K = 3000K 40K = 4000K 50K = 5000K		N4 N6		277V = 120V-277V 480V = 347V-480V		Loop Mount		WH = White BZ = Bronze GY = Gray BK = Black

Important Note:

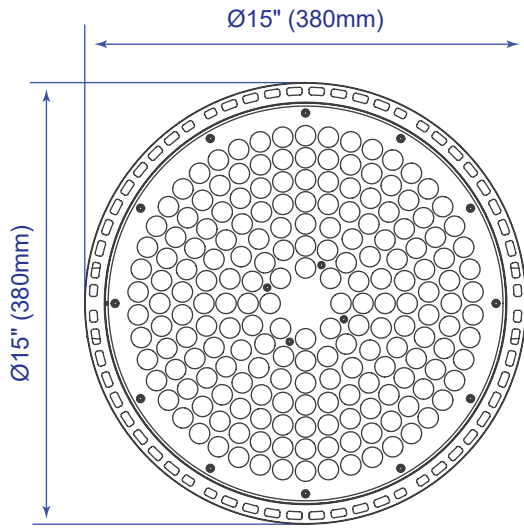
Standard CCT: 5000K
3000K & 4000K available
as "Special Order" only
and with Longer Lead Times

Important Note:

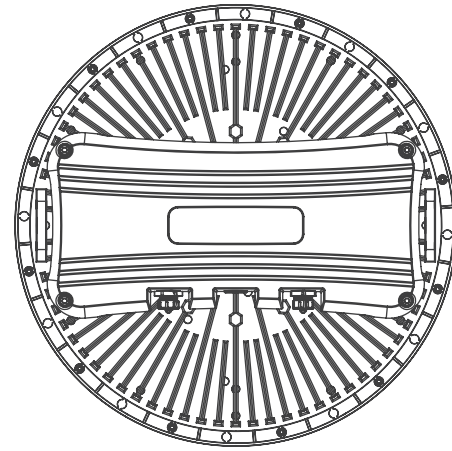
Standard Color:
Signal White (WH)
Other Colors available as
"Special Orders" only and
with Longer Lead Times

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.

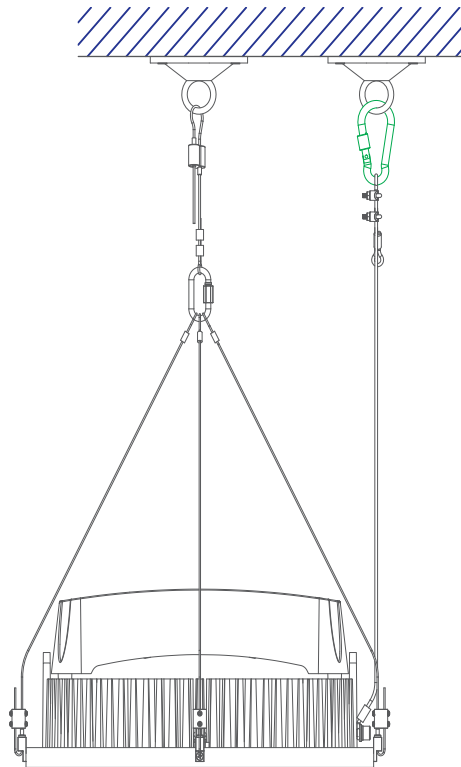
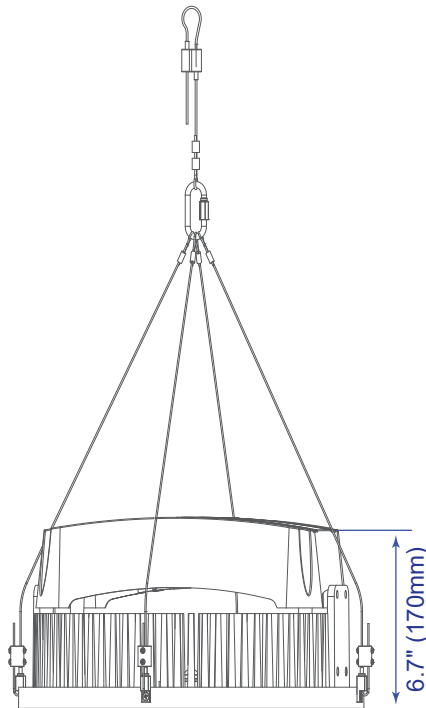
HL-AEF-310WD and HL-AEF-500WD Dimensions



Top View



Bottom View



Warning!



The Luminaire must be Supported by Safety Cable (included). Loop and engage Safety Cable and the Snap-Lock Hook to Sturdy and Secured Structure. It is important to ensure that the this Structure can support the Weight of the Luminaire. Also, ensure that there is Slack - a minimum of less than 1 ft. (30cm) in Length after installation.



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