

With Enhanced Glare-Free Illumination and various Beam Spreads, AEON Provides Crisp Illumination, avoiding any Visual Discomfort. AEON's Proprietary Optics produce Ideal Light Distribution and Beam Angles for a Variety of Flood Lighting applications, while saving you up to 75% in Energy use compared to Traditional Lighting.

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

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

2 Popular Delivered Lumen Packages:

750W: 126,500 Lumens

1200W: 185,700 Lumens

NEXGEN
PRODUCTS



The Most
Efficient and
the Most Powerful
LED Flood Light
in the
Industry!

Proprietary
& Patented
Designs!



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

What makes the AEON™ LED Flood Light 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.
- Heavy-Duty, Lightweight and Durable Die-Cast Design for High Wear Resistance: Withstands Harsh, Extreme Outdoor Conditions and Corrosive Environments.
- Operational Flexibility: Adaptable to Various Intelligent Lighting Controls - Wired or Wireless, Wi-Fi, Zigbee, Dali, AirMesh, Hybrid Networked Lighting Controls, etc.
- Technology within the Luminaire: No Outside Exposure to any Sensitive Electronic Components. Offers Advanced Functionality and User Friendly features with Quick Connect Wiring System. No Manual Wiring Required for Dimming or Controls - Saving Time and Labor for Installation.
- Scalable LED Modules in NEMA 2, 3, 4, 5 and 6 Beam Spreads allow for Optimized Configuration for a Variety of High Performance Applications.
- High Color Rendition showing True Colors: CRI >85+.
- Excellent for 4K, Ultra-HD and HDTV Broadcasting, Digital Photography and Flicker-free Slow-Motion Recording for Optimal Television and Security Viewing.
- Proprietary Glare-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 Cross-Vent Convection Design for Longer Life of LED Package and Electronics.
- Variable Dimming Control: 0-10VDC
- Ultra-Low EMI (THD <20) eliminates Electrical Interference with surrounding sensitive Electronic Systems.
- User Friendly Features: Lenses, Modules and Drivers are Field-Changeable. Saves Time, Labor and Money....no need to replace the entire Luminaire!



SAVE UP TO
75%
ON YOUR
ENERGY COSTS



98%
RECYCLABLE

NO
LEAD, MERCURY, TOXIC
GASES OR HEAVY METALS

Additional Options available for all Models:

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

100%
Project
Financing
Available

Designed, Engineered &



Assembled in the USA

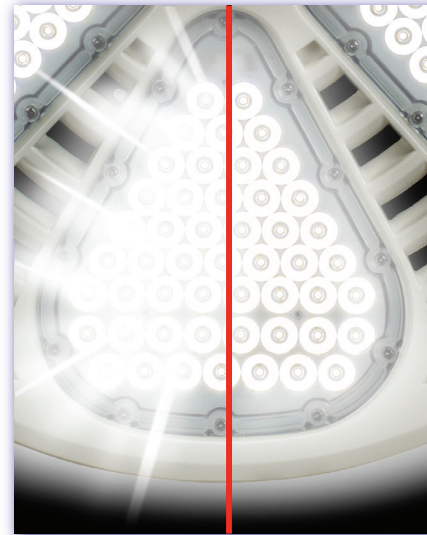
AEON Model	Watts	Delivered Lumens	HID Equivalent	Energy Savings*	Current Draw (mA)						Net Weight	EPA (Sq. Ft.)
					120V	208V	240V	277V	347V	480V		
HL-AF-750WD	750W	126,500	3000W	75%	6579	3796	3289	3008	2402	1736	50 lbs. (22.5 Kg.)	2.5
HL-AF-1200WD	1200W	185,700	4000W	70%	-	6073	5263	4813	3842	2778	63 lbs. (28.4 Kg.)	2.85

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

2 Popular Delivered Lumen Packages to suit a Variety of Indoor and Outdoor Applications

- 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) and 10kA / 20kV (Line-Ground) Surge Protection against Over Voltage, Short Circuiting, and Over Temperature.
- Suitable for Ambient Temperatures: -40°F - +122°F (-40°C - +50°C).
- Adjustable in 7.5° Increments: 0-90° Orient and 270° Tilt Angle.
- RoHS Compliant: No Lead, Mercury, Toxic Gases or any Hazardous Materials. Facilitates LEED® points.
- Environmentally Friendly: 98% Recyclable.
- Lowest Total Cost of Ownership. Shortest Payback Period and a High ROI.
- Standard Included: Instant On/Off, Continuous Dimming, Prewired Sheathed Cord, Hoist Hook and 3.3 ft (1m) Stainless Steel Safety Cable.
- Meets/Exceeds National and International Standards

Standard LED Optics



AEON™
Proprietary
Glare-Free
LED Optics

Multi-Voltage
Options

120-277VAC / 347-480VAC

SAVE UP TO
75%
ON YOUR
ENERGY COSTS

2-for-1
Replacement
More Light
Less
Luminaires



98%
RECYCLABLE



NO
LEAD, MERCURY, TOXIC GASES
OR HEAVY METALS

U.S. Patents:

D866,832, D866,833

D866,834, D866,835

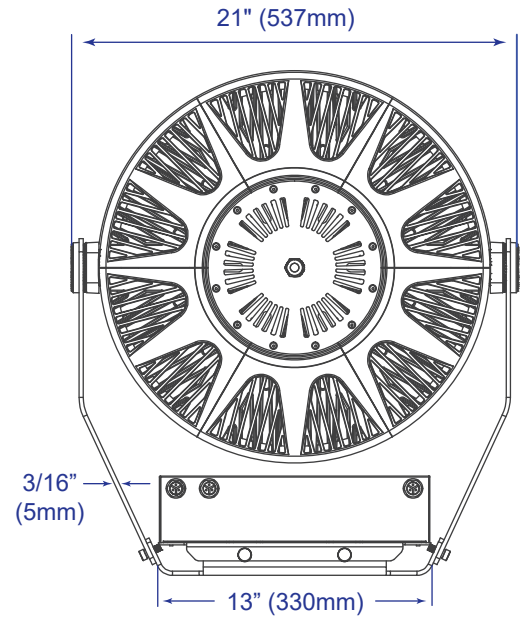
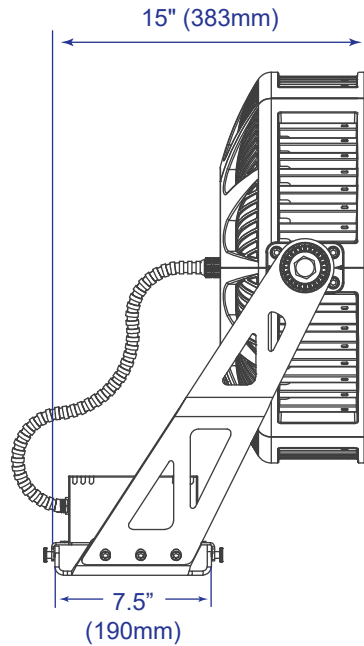
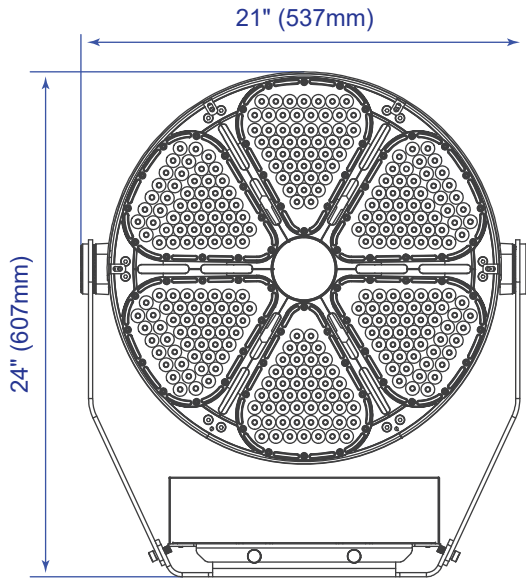
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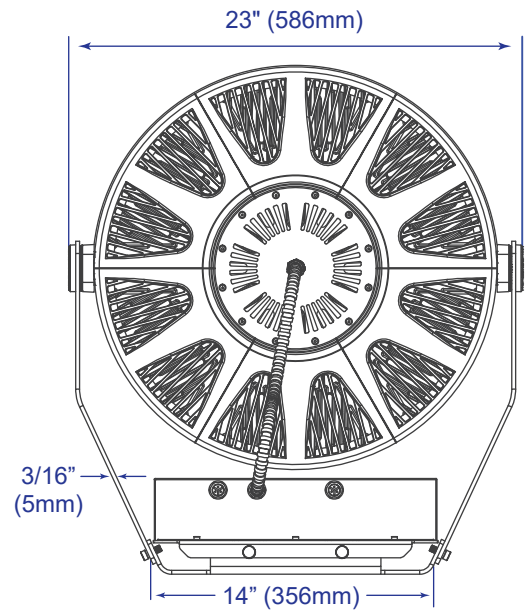
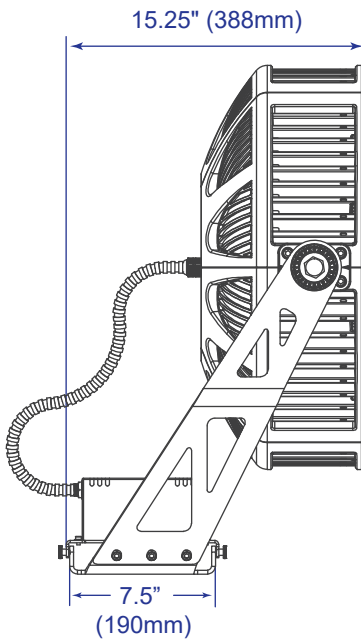
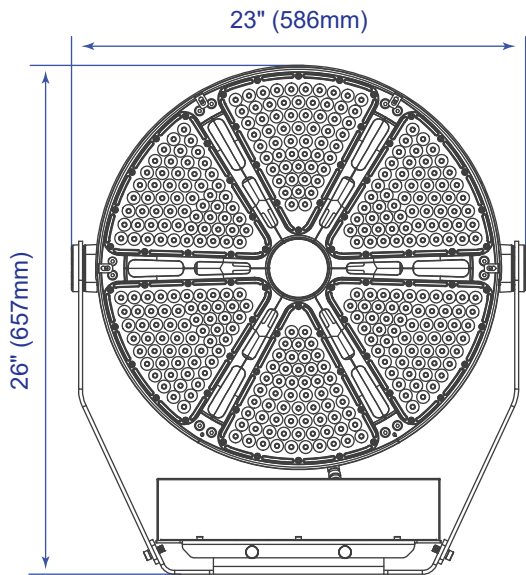
For more information, please visit: <https://aeonledlighting.com/>

032025

AF-750WD Dimensions



AF-1200WD Dimensions



Ordering Nomenclature:

HL	—	AF	—	750WD	—	50K	—	N4	—	277V	—	WH	—	PCK-7
COMPANY		SERIES		WATTS		CCT		NEMA SPREAD		VOLTAGE		COLOR		OPTIONS

750WD
1200WD

40K = 4000K
50K = 5000K
57K = 5700K

2
3
4
5
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

277V = 208V~277V*
277V = 208V~277V
(For 1200WD)

Important Note:

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

Options:

PCK-7 Photo Control Receptacle Kit Only
(Photocell not included)