The new standard for efficient, reliable floodlighting

Appleton™ Areamaster™ Generation 2 LED Luminaires
Technology and Application Guide

EMERSON.

Get best-in-class LED performance with the next generation of our proven Areamaster™ LED.

The newly redesigned Appleton™ Areamaster™ Generation 2 LED by Emerson™ provides greater versatility, with models from 9,000 to 38,000 lumens and a choice of beam patterns to meet your diverse floodlighting needs. Featuring new optic designs for superior uniformity and coverage, Areamaster™ Generation 2 LED luminaires provide HID equivalent lighting that saves over 75 percent in energy costs and greatly increases luminaire uptime while reducing maintenance burdens. Ask your Appleton™ Sales Representative how.

Areamaster™ Generation 2 LED luminaires are easy to retrofit using the same slipfitters and pole brackets as your existing Appleton™ HID floodlights. Rugged and corrosion-resistant, they are certified for Class I, Division 2, Class II, and ATEX/IECEx Zone 2, 22 hazardous locations and rated for use in marine and wet locations for a versatile floodlighting solution with the Appleton™ performance you trust.

Whatever your application requires, Areamaster™ Generation 2 LED delivers.

A Brighter Future for Led Floodlighting

With recent advancements in efficiency and more rugged engineering of LED luminaries, the harsh industrial and hazardous location industries are poised for widespread adoption of this exciting technology. Emerson is leading the way with its Appleton™ Areamaster™ LED Generation 2 floodlights. This next generation luminaire can save companies on energy costs, while virtually eliminating maintenance burdens and improving worker productivity by providing uniform, high quality light.

Compact size and low weight

Superior thermal heat sink design provides cool operation from −40°C to +65°C (−40°F to +149°F)

High temperature silicone gaskets prevent water ingress and corrosion

Replaceable LED drivers extend luminaire life even beyond 60,000 hours

Yoke bracket is designed to utilize standard Areamaster™ slipfitters and offers a full 180° of adjustment

Frosted glass available for glare control

AMLG
(9,500 to 19,500 lumens)

AMLH
(24,000 to 38,000 lumens)

Heavy gauge stainless steel wire guard provides extra protection; polyester powder coated aluminum visor prevents unwanted overspill and uplight

Gasketed front wiring compartment with screw terminal block, designed with easy-to-pull hinged handle and captive screws

Optional safety cable design with multiple cast retention points

Superior Lighting Performance

Our new optics set the industry standard for comfortable, evenly distributed lighting, with a selection of patterns. The NEMA 7x6 pattern provides maximum width and forward throw for wider illumination spread, while the NEMA 5x5 pattern is an excellent choice for delivering light from a high mount. Visors, guards, and 3000K color temperature are all available and can be used to create Dark Sky friendly lighting solutions.

Robust Design

Built for long-term reliability and extended luminaire life, Areamaster™ Generation 2 LED luminaires feature a copperfree aluminum diecast housing with architectural bronze polyester powder coat finish for exceptional corrosion resistance in the toughest environments. High temperature silicone gaskets and stainless steel bolts and accessories contribute to NEMA 4X, IP66/IP67 and Marine ratings for use in harsh and corrosive environments

Reliable Protection

Our patented thermal design ensures cool operation for a long, maintenance-free life and safe use in practically any Class I, Division 2, Class II, and ATEX/IECEx Zone 2, 22 hazardous location. Because power quality and the severity of electrical storms vary widely around the world, we have also incorporated more surge protection than ever before, with up to 10KV of protection available for luminaires installed in Category C high risk areas.

LED Optics For Greater Coverage

A Word About LED Optics

Optics are used to direct light from the source to where it is needed. Unlike HID lamps, LEDs are highly directional, requiring specialized optics to reduce glare and provide even light distribution in a beam shape optimized for specific applications. Well designed optics can also help LED lighting designers achieve ideal spacing and minimize the number of luminaires required.

Targeted, Efficient and Functional

The Areamaster™ Generation 2 LED provides superior secondary optics to deliver lumens evenly and efficiently to floodlit areas without excess glare, hotspots, overspill, light pollution or wasted energy. Optic assemblies are fully gasketed to ensure board-level protection against dust and water ingress.

The Right Beam Pattern for Your Application

Our NEMA 7x6 optic is the perfect choice for retrofitting HID to newer, more efficient LED floodlights, providing a nearly identical beam spread and forward throw to enable one-for-one replacement without uniformity problems. For high poles or applications requiring more focused light, our NEMA 5x5 optic offers a 90° beam angle to deliver maximum footcandles efficiently where you need them, without wasted light or overspill.
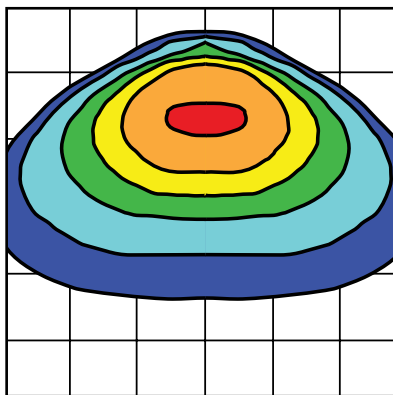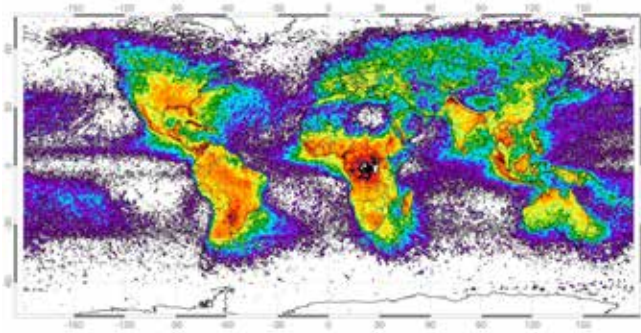
NEMA 7X6
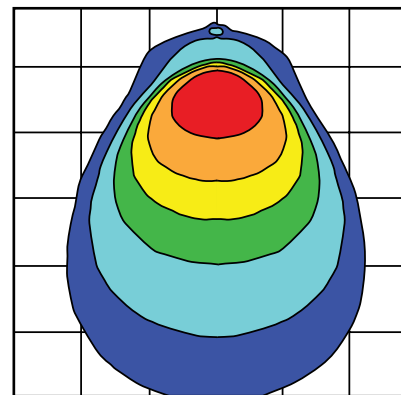
NEMA 5X5

Superior Surge Suppression

World Map of Lightning Strike Frequency

Lightning strikes and electrical devices such as motors and HID ballasts can induce transient surges that pose a threat to LED lighting installations. Areamaster™ Generation 2 LED luminaires include a robust 6KV surge suppression circuit to protect against damage caused by surge energy, enhancing reliability, minimizing maintenance and downtime, and extending the life of the lighting installation. A 10KV surge protection version is available for use in high risk areas, providing the reliability you need for a truly global LED floodlighting solution.

Luminaires with secondary optic and optional 10KV surge protection carry a 10 year warranty. 10KV surge protection available for NEC/CEC only,

A Direct Retrofit from HID to Generation 2 LED

Our NEMA 7x6 optic is carefully designed to provide forward and side-to-side illumination nearly identical to our traditional HPS and MH Areamaster™ floodlights. Using the same slipfitters and pole brackets, Areamaster™ Generation 2 LED is easy to retrofit in the same configuration as your existing HID luminaires. For example, a 110 watt Areamaster™ Generation 2 LED delivers virtually the same illumination as its equivalent 400 watt HPS luminaire while significantly reducing energy and maintenance costs.

400W HPS FLOODLIGHT NEMA 6X5
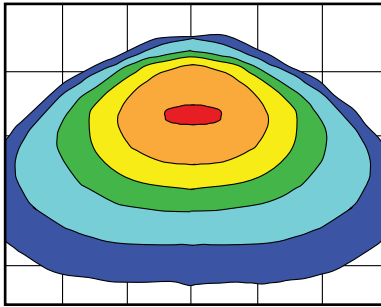
AREAMASTER™ GENERATION 2
110W LED FLOODLIGHT NEMA 7X6
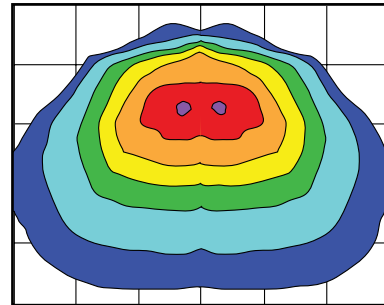
Catalog Number	Mounting Height m (ft)	Maximum Footcandle		Forward Throw Distance m (ft)				Side-To-Side Distance m (ft)			
		FC	LX	0.2FC/2LX	0.5FC/5LX	1FC/11LX	2FC/22LX	0.2FC/2LX	0.5FC/5LX	1FC/11LX	2FC/22LX
AMLGL7CG7 (100 W LED)	6 (20)	4.95	53	18 (60)	15 (48)	12 (40)	11 (35)	37 (122)	29 (96)	24 (80)	18 (60)
GAM77 (400 W HPS)	6 (20)	12.58	135	21 (68)	16 (52)	13 (44)	11 (37)	34 (110)	27 (90)	21 (70)	18 (58)
AMLGL7CG7 (100 W LED)	8 (25)	3.13	34	21 (69)	17 (55)	14 (45)	12 (38)	41 (135)	32 (104)	24 (80)	18 (60)
GAM77 (400 W HPS)	8 (25)	8.05	87	23 (77)	19 (62)	15 (50)	12 (40)	38 (126)	29 (96)	23 (75)	19 (62)
AMLGL7CG7 (100 W LED)	9 (30)	2.22	24	23 (75)	18 (60)	14 (45)	12 (38)	43 (140)	33 (108)	27 (90)	16 (54)
GAM77 (400 W HPS)	9 (30)	5.59	60	24(80)	20 (65)	17 (55)	14 (45)	41 (136)	31 (104)	27 (88)	21 (70)

Note: 1 FC = 10.8 Lux

Portable Base for Temporary Lighting Applications

Permanent installation is not always feasible or desirable. For temporary floodlighting applications, Emerson offers an optional base to convert an Appleton™ Areamaster™ Generation 2 LED luminaire into a portable floodlight that can be easily positioned and moved as the project requires.

A Word About Perceived Brightness

The human eye has two types of photoreceptors: cones, which are active in brighter light levels, and rods, which take over in darker conditions. Commercial photometry measurements are based on photopic luminous efficiency, which only involves the cones. However, recent research shows that a white light source is perceptually and functionally brighter than its HPS equivalent, especially in a dimly lit application, due to the difference in the spectral power distribution of these light sources. Unfortunately, no universal standard exists today to convert traditional HID measurements to their LED counterparts.

Plant Area Lighting: Comfortable, evenly distributed illumination for a safer work environment.

Proper illumination is always important for worker safety. Lighting choices are especially critical in hazardous locations, where superior illumination must be delivered with superior protection.

Area floodlighting is an excellent way to brighten open spaces, roadways, process areas and building facades. Areamaster™ Generation 2 LED luminaires are the ideal choice for these applications. The NEMA 7x6 optic is designed to maximize forward and side-to-side throw to provide wide, uniform lighting distribution for optimum visibility across a broad expanse.

With the Areamaster™ Generation 2 LED, your lighting design can maintain traditional HID spacing while improving uniformity and reducing energy and maintenance costs.

# Plant Area Lighting: Application Simulation
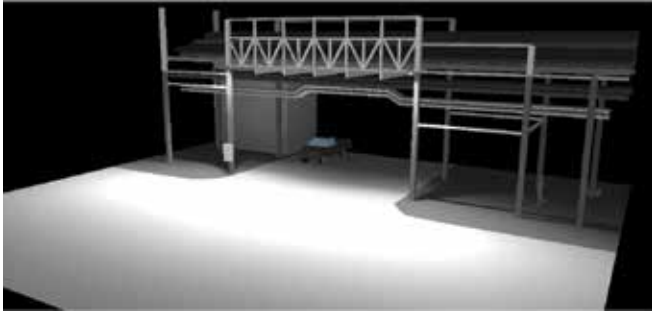
Luminaire Part Number AMLGL7CG7BU	**Luminaire Height** 7.6 m (25 ft)
Luminaire Spacing 13 m (43 ft)	**Luminaire Mounting Angle** 45°
Calculation Surface Dimensions 30.5 m (100 ft) Wide x 18 m (60 ft) Deep	

Advanced Optics for Broad, Even Lighting

The Areamaster™ Generation 2 LED NEMA 7x6 optic directs light out and to the sides, comparable to the pattern of a traditional HID floodlight. By minimizing the hot spot, the Areamaster™ Generation 2 LED improves uniformity while delivering more light where it is needed across the beam pattern.

As shown in this isoplot, two 110 watt Areamaster™ Generation 2 LED floodlights, mounted at a 45° angle and spaced 13 m (43 ft) apart, effectively illuminate an area 30.5 m (100 ft) across and 18 m (60 ft) out while consuming 75 percent less power than their traditional HPS counterparts.
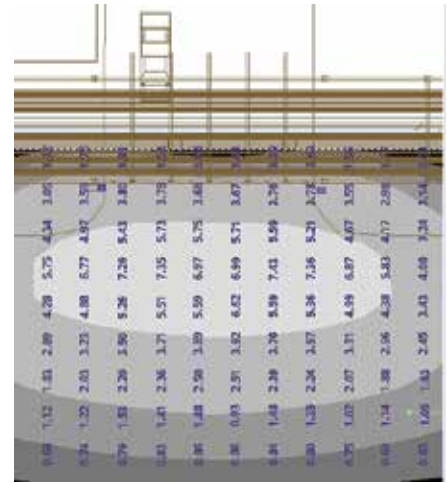
Performance Comparison

Luminaire	Power Consumption	Lumen Output	Luminaire Efficacy	NEMA Pattern	Average Illuminance (EAV) FC	LX	Maximum Illuminance (EAV) FC	LX	Minimum Illuminance (EAV) FC	LX	Uniformity (EMAX/EMIN) FC	LX	Uniformity Improvement	Wattage Reduction
Areamaster™ Generation 2 LED AMLGL7CG7BU	110	14,200	129	7x6	3.11	33	7.43	80	0.63	7	11.79	127	27.20%	76.30%
Areamaster™ 400 W HPS GAM771LMT	465	30,900	66	6x5	4.54	49	12	129	0.74	8	16.2	174		

Dramatically Reduce Your Lighting Costs

Energy and maintenance costs are the two main factors contributing to total cost of ownership. When evaluating lighting systems, consider both the total system power consumption and the expected luminaire life.

Cost of Ownership Comparison

Luminaire	Power Consumption	Lumen Output	Yearly Energy Costs	Lamp Life	Yearly Maintenance Costs	Yearly Total Costs	Yearly LED Savings	Yearly Savings Percentage
Areamaster™ Generation 2 LED AMLGL7CG7BU	110	14,200	$96.36	100,000 hrs	–	$96.36	$341.23	78%
Areamaster™ 400 W HPS GAM771LMT	465	30,900	$407.34	24,000 hrs	$30.25	$437.59		

*Energy Costs = Watts*24*365*/1000 (Kwh/yr) * $.10/Kwh*
*Maintenance Costs = (87,600/24,000*lamp cost + one ballast replacement)/10 years*

Luminaire System Life

Appleton™ Areamaster™ Generation 2 LED provides energy efficient and environmentally friendly, functionally equivalent, high quality white light with better visibility, no startup delay, no degradation in lighting quality due to on/off cycles, and no end-of-life cycling. Most people understand that these are benefits to switching to LED lighting. Quantifying these benefits and determining total cost of ownership, however, can be difficult due to the lack of an IES standard defining luminaire life.

A Word About LED Life Specifications

While standards exist for reporting LED depreciation, no accepted standard exists for luminaire life. Manufacturers use a variety of terms to describe projected LED life. Here are a few of them and their accepted definitions:

LM-80 Testing Standard

The IES LM-80 standard specifies a testing method for evaluating the useful life of an LED package or array. It requires at least 6,000 hours of actual LED operation, with lumen output measured and reported every 1,000 hours. These results can be used to interpolate the lifetime of an LED source within a system using the in-situ LED source case temperature.

L70 Reported Lumen Maintenance

L70 is the time it takes for an LED's lumen output to depreciate to 70 percent of its original output. L70 is extrapolated per the calculator provided in IES TM-21, factoring in both application drive current and LED junction temperature. The standard limits reported lifespan to 6 times the number of LM-80 test hours, so that a 10,000 hour test can yield, at most, a 60,000 hour rating.

L70 Calculated Lumen Maintenence

The TM-21 calculator allows manufacturers to calculate an estimated lumen maintenence beyond the 6 times rule. Although this can be useful for evaluating LED performance, lifetime values that exceed the 6 times multiplier are considered high risk.

True Economic Life

TM-21 assesses lumen maintenance, but not the performance of a complete luminaire system under real world conditions. To determine expected economic life, Appleton™ evaluates the entire system, including projected LED driver life, power line surge and noise immunity, light engine performance under thermal shock, long term gasket endurance against moisture ingress, and corrosion resistance.

One key factor is operating temperature, which can vary considerably with changing daily and seasonal temperatures. When operating within ambient temperature ratings, the average temperature of the environment over time provides a suitable approximation for predicting luminaire life.

Ambient Temperature	Luminaire Life (Hours)	Number of Years at 24 Hours Usage	Number of Years at 12 Hours Usage
+25 °C (+77 °F)	200,000	23	46
+40 °C (+104 °F)	100,000	11	23
+55 °C (+131 °F)	90,000	10	21
+65 °C (+149 °F)	50,000	6	11

Areamaster™ Generation 2 LED is an ideal choice for minimizing maintenance in railway and perimeter lighting applications.

For Railway and Perimeter Lighting

Maintenance for traditional HID floodlighting in hard-to-reach locations, such as railway and perimeter lighting, is difficult and costly, requiring expensive lifts and manpower. Designing efficient, long life, lighting installations results in drastically reduced maintenance costs plus improved performance. Quantifying these savings requires an evaluation of luminaire life. Areamaster™ Generation 2 LED delivers constant, reliable illumination 24 hours a day, 7 days a week, year after year to ensure that your facility is never in the dark.

Areamaster™ Generation 2 LED Specification Information

		AMLGL6	AMLGL7	AMLGL8
Equivalent to HPS/PSMH		175-250 Watt	250-400 Watt	400-750 Watt
Input Power		70 Watt	110 Watt	150 Watt
Voltage Range	BU ①	120-277 Vac, 50/60 Hz,170-300 Vdc		
	BH	347-480 Vac, 50/60 Hz		
Luminous Flux (Efficacy)* for 5000K Clear	7x7	9900 (141)	15300 (139)	19900 (133)
	7x6	9000 (129)	14200 (129)	18400 (123)
Correlated Color Temperature (CCT)		3000K/5000K		
Color Rendering Index (CRI)		80/70		
Ambient Temperature		−40 °C to +65 °C (−40 °F to +149 °F)		
T Rating NEC/CEC Class I Division 2		T4A @ +65°C (+149°F)	T3C @ +65 °C (+149 °F)	T3A @ +65 °C (+149 °F)
T Rating ATEX/IECEx Zone 2		T4 @ +65 °C (+149 °F)	T3 @ +65 °C (+149 °F)	T3 @ +65 °C (+149 °F)
Effective Projected Area m² (ft²)	45° to ground	0.39 (1.28)		
	90° to ground (worst case)	0.55 (1.82)		
Luminaire Weight		9.8 kg (22 lb)		
Standard Materials		Housing: copperfree aluminum		
		Finish: architectural bronze polyester		
		Lens: thermal shock- and impact-resistant glass or optional frosted glass		
Lifetime		>100,000 hours @ +40 °C (+104 °F) ambient temperature		
		>60,000 hours @ +65 °C (+149 °F) ambient temperature		
Warranty		5 years standard; 10 years for models with secondary optic and extra surge protection		

① BH voltage available for NEC/CEC only
*All values typical +/-10%

NEC/CEC Certifications and Compliances

- Class I, Division 2, Groups A,B,C,D
- Class I, Zone 2, Group IIC
- Class II, Division 1 and 2, Groups E,F,G
- Class III
- Zone 20 and 21, Group IIIC, Zone 22 Group IIIB
- Simultaneous Exposure
- Marine Outside Type (Salt Water) for USA Only
- Wet Locations
- Type 3R,4,4X, IP66/67
- cCSAus: 164460 Certificate Number: 70073611

ATEX/IECEx Certifications and Compliances

- Certification Type: Areamaster Gen 2
  — Gas: Zone 2
    – Conforming to ATEX 2014/34/EU: II 3 G
    – Type of Protection: Ex ec IIC Gc
    – Temperature Class: T5 to T3
  — Dust: Zone 22
    – Conforming to ATEX 2014/34/EU: II 3 D
    – Type of Protection: Ex tc IIIC Dc
    – Surface Temperature: +85 °C to +100 °C (+185 °F to +212 °F)
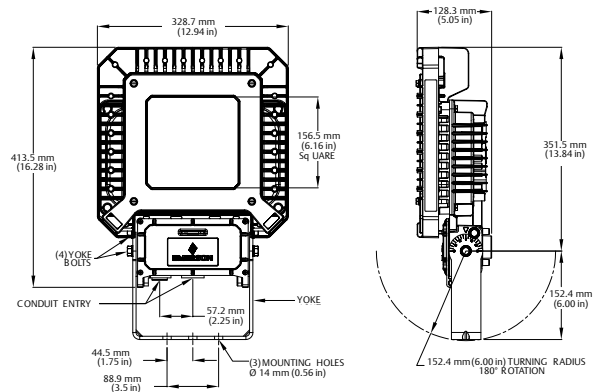
- Ambient Temperature: -40 °C up to +65 °C (-40 °F up to +268 °F)
- EU Declaration of Conformity: 50317
- ATEX Certificate: SIRA 17ATEX3241
- IECEx Certificate: IECEx SIR 17.0079
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): IK10
- Photobiological Safety, IEC 62778 and IEC 62471: RG0

Product Ordering Guide

AMLG	L7	C	G	7	BU	S
Series: AMLG: Areamaster 2 LED	**Lumen Level ④:** L6 - 9K L7 - 15K L8 - 19K	**Color Temp CCT:** C - 5000K W - 3000K ①	**Diffusion:** G - Clear Glass F - Frosted Glass ② D - Diffused Polycarbonate ⑦	**Beam Spread:** 6 - 7x7 (non-optic) 7 - 7x6	**Voltage:** BU - 120-277 Vac 50/60 Hz, 170-300Vdc BH - 347-480Vac 50/60 Hz ⑤	**Options:** F - Fusing ③ S - 10 KV Surge Protection ⑥ M - M20 Metric

Example: AMLGL7CG7BUS — AMLG: Areamaster™ Generation 2 LED, 15K lumen level, 5000K color temperature (CCT), clear glass, NEMA 7x6, 120-277 Vac 50/60 Hz, 170-300 Vdc input voltage, 10KV Surge Protection.

① 3000K CCT (warm) is not available with NEMA 7x7 light pattern
④ All lumen values are typical (tolerance +/-10%).
⑦ Diffused polycarbonate available for NEC/CEC only.

② Frosted Glass is only available with NEMA 7x7 light pattern
⑤ BH voltage available for NEC/CEC only.

③ Use of fuse voids Marine rating. Fusing not available for NEC/CEC.
⑥ 10 KV Surge Protection available for NEC/CEC only.

Areamaster™ Generation 2 HL LED Specification Information

|		AMLHL1	AMLHL2	AMLHL3
Equivalent to HPS/PSMH		1000 Watt	1000-1500 Watt	1500 Watt
Input Power		180 Watt	225 Watt	310 Watt
Voltage Range	BU ①	120-277 Vac, 50/60 Hz,170-300 Vdc		
	BH	347-480 Vac, 50/60 Hz		
Luminous Flux (Efficacy)* for 5000K Clear	7x7	23,500 (131)	30,100 (134)	37,000 (119)
	7x6	22,700 (126)	28,100(125)	35,400(114)
	5x5	24,100 (134)	30,000 (133)	38,300 (124)
Correlated Color Temperature (CCT)		3000K/5000K		
Color Rendering Index (CRI)		80/70		
Ambient Temperature		−40 °C to +65 °C (−40 °F to +149 °F)		
T Rating NEC/CEC Class I Division 2		T4 @ +65°C (+149°F)	T3C @ +65 °C (+149 °F)	T3C @ +55 °C (+131 °F)
T Rating ATEX/IECEx Zone 2		T4 @ +65°C (+149°F)	T3 @ +65°C (+149°F)	T3 @ +55 °C (+131 °F)
Effective Projected Area m² (ft²)	45° to ground	0.39 (1.28)		
	90° to ground (worst case)	0.55 (1.82)		
Luminaire Weight		16.1 kg (35.4 lb)	16.1 kg (35.4 lb)	16.1 kg (35.4 lb)
Standard Materials		Housing: copperfree aluminum		
		Finish: architectural bronze polyester		
		Lens: thermal shock- and impact-resistant glass or optional frosted glass		
Lifetime		>100,000 hours @ +40 °C (+104 °F) ambient temperature		
		>60,000 hours @ +65°C (+149 °F) ambient temperature		
Warranty		5 years standard; 10 years for models with secondary optic and extra surge protection		

① *BH voltage available for NEC/CEC only*
All values typical +/-10%

NEC/CEC Certifications and Compliances

- Class I, Division 2, Groups A,B,C,D
- Class I, Zone 2, Group IIC
- Class II, Division 1 and 2, Groups E,F,G
- Class III
- Zone 20 and 21 Group IIIC, Zone 22 Group IIIB
- Simultaneous Exposure
- Marine Outside Type (Salt Water) for USA Only
- Wet Locations
- Type 3R,4,4X, IP66/67
- cCSAus: 164460 Certificate Number: 70073611

404.9 mm (15.94 in)
213.4 mm (8.40 in)
130.3 mm (5.13in)
.2 mm 8.67 in)
203.2 mm (8.00 in)
411.7 mm (16.21 in)
(4) YOKE BOLTS
YOKE
ONDUIT ENTRY
57.2 mm (2.25 in)
152.4 mm (6.00 in)
44.5 mm (1.75 in)
88.9 mm (3.50 in)
(3) MOUNTING HOLES Ø 14 mm (0.56 in)
152.4 mm (6.00 in) TURNING RADIUS 180° ROTATION

ATEX/IECEx Certifications and Compliances

- Certification Type: Areamaster High Lumen
  — Gas: Zone 2
     – Type of Protection: Ex ec IIC Gc
     – Temperature Class: T4 to T3
  — Dust: Zone 22
     – Type of Protection: Ex tc IIIC Dc
     – Surface Temperature: +85°C to +100°C (+185°F to +212°F)
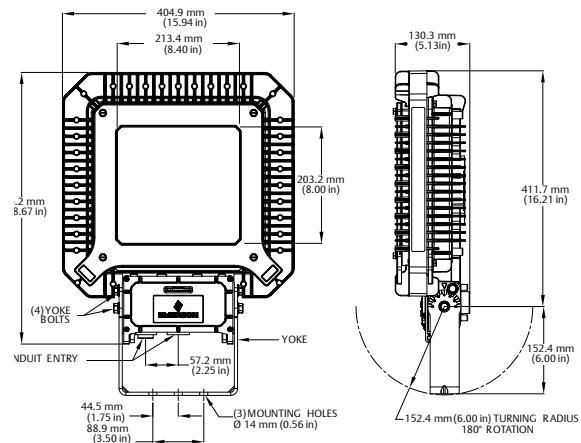
- Ambient Temperature: -40°C up to +65°C (-40°F up to +268 °F)
- ATEX Certificate: SIRA 17ATEX3241
- IECEx Certificate: IECEx SIR 17.0079
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): IK10
- Photobiological Safety, IEC 62778 and IEC 62471: RG0

Product Ordering Guide

AMLH	L1	C	G	7	BU	S
Series: AMLH: Areamaster 2 HL LED Series	**Lumen Level** ④: L1 - 24K L2 - 30K L3 - 38K	**Color Temp CCT:** C - 5000K W - 3000K ①	**Diffusion:** G - Clear Glass F - Frosted Glass ②	**Beam Spread:** 3 - 3x3 5 = 5x5 6 = 7x7 (non-optic) 7 = 7X6	**Voltage:** BU = 120V-277 Vac 50/60 Hz, 170-300 Vdc BH = 347-480 Vac 50/60 Hz ⑤	**Options:** F - Fusing ③ S - 10 KV Surge Protection ⑥ M - M20 Metric

Example: AMLHL2CG7BUS — AMLH: Areamaster™ Generation 2 HL LED, 30K lumen level, 5000K color temperature (CCT), clear glass, NEMA 7x6,120-277 Vac 50/60 Hz, 170-300 Vdc input, 10KV Surge Protection.

① *3000K CCT (warm) is not available with NEMA 7x7 light pattern*
④ *All lumen values are typical (tolerance +/-10%).*
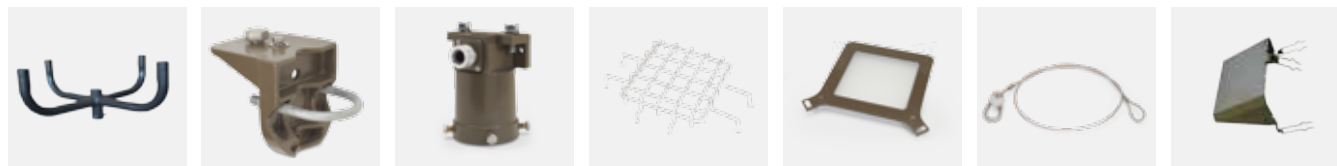⑦ *Diffused polycarbonate available for NEC/CEC only.*
② *Frosted Glass is only available with NEMA 7x7 light pattern*
⑤ *BH voltage available for NEC/CEC only.*
③ *Use of fuse voids Marine rating. Fusing not available for NEC/CEC.*
⑥ *10 KV Surge Protection available for NEC/CEC only.*

Areamaster™ Generation 2 LED Related Products

Bullhorn Bracket	Brackets	Slipfitters	Guards	Covers	Safety Cables	Visor

Catalog Number	Description
Floodlight Mounting Brackets	
G-PB-2	Two tenon bullhorn bracket, architectural bronze
G-PB-3-120	Three tenon bullhorn bracket, 120 degrees, architectural bronze
G-PB-4	Four tenon bullhorn bracket, 90 degrees, architectural bronze
G-AM-8-CA	180° crossarm mounting bracket facilitates mounting floodlight to crossarm or other flat surface, or to G-AM-8-WB.
G-AM-8-WB	Pipe/Wall mount bracket clamps to 1" to 2-1/2" pipe, vertical or horizontal, or mounts on flat surfaces. Used with G-AM-8-CA.
GPSWB6GAL	Wall mount 90 degree angle tenon. Used with G-AM-8-SF or GSF-20.
G-AM-PFB	Portable floodlight base for temporary lighting applications. To be used with wire guard.
Floodlight Slipfitters	
AMLEDSF1	Poletop Slip-Fitter for 1" or 1-1/2" pipe size poletop tenons.
G-SF20	Poletop Slip-Fitter for 1-1/2" or 2" pipe size poletop tenons.
G-AM-8-SF	Poletop Slip-Fitter for 2" or 2-1/2" pipe size poletop tenons.
Floodlight Accessories	
LEDSC	Safety Cable.
LGGUARD	Wire Guard for Areamaster™ Generation 2 LED Luminaire.
LHGUARD	Wire Guard for Areamaster™ Generation 2 HL LED Luminaire.
AMLGV	Visor for Areamaster™ Generation 2 LED Luminaire. For Dark Sky Friendly design.
AMLHV	Visor for Areamaster™ Generation 2 HL LED Luminaire. For Dark Sky Friendly design.
AMLGCLEAR	Clear Replacement Cover for Areamaster™ Generation 2 LED Luminaire.
AMLHCLEAR	Clear Replacement Cover Areamaster™ Generation 2 HL LED Luminaire.
AMLGFROST	Frosted Replacement Cover for Areamaster™ Generation 2 LED Luminaire.
AMLHFROST	Frosted Replacement Cover Areamaster™ Generation 2 HL LED Luminaire.
Cable Fittings for 3/4" Hub Entries	
CG-3775	Aluminum Cord Grip for Flexible Cord; Outside Diameter 0.375" to 0.500"
CG-5075	Aluminum Cord Grip for Flexible Cord; Outside Diameter 0.500" to 0.625"
CG-6275	Aluminum Cord Grip for Flexible Cord; Outside Diameter 0.625" to 0.750"
TC075055	Aluminum Cable Connector for Type TC Tray Cables; Outside Diameter 0.260" to 0.550"
TC075079	Aluminum Cable Connector for Type TC Tray Cables; Outside Diameter 0.470" to 0.790"
TMC2-075075A	TMC2 Aluminum Cable Connector for MC, MC-HL, and TECK cables; Outside Diameter 0.500" to 0.750"
TMC2-075099A	TMC2 Aluminum Cable Connector for MC, MC-HL, and TECK cables; Outside Diameter 0.690" to 0.990"

Round Tapered, Square Tapered, Square and Hinged Steel Poles are available. Contact your local sales representative for details.

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United States (Headquarters)
Appleton Grp LLC
9377 W. Higgins Road
Rosemont, IL 60018
United States
T +1 800 621 1506

Europe
ATX SAS
Espace Industriel Nord
35, rue André Durouchez,
CS 98017
80084 Amiens Cedex 2, France
T +33 3 2254 1390

Canada
EGS Electrical Group Canada Ltd.
99 Union Street
Elmira ON, N3B 3L7
Canada
T +1 888 765 2226

Asia Pacific
EGS Private Ltd.
Block 4008, Ang Mo Kio Ave 10,
#04-16 TechPlace 1,
Singapore 569625
T +65 6556 1100

Latin America
EGS Comercializadora Mexico S
de RL de CV
Calle 10 N°145 Piso 3
Col. San Pedro de los Pinos
Del. Álvaro Obregon
Ciudad de México. 01180
T +52 55 5809 5049

Australia Sales Office
Bayswater, Victoria
T +61 3 9721 0348

China Sales Office
Shanghai
T +86 21 3338 7000

Middle East Sales Office
Dammam, Saudi Arabia
T +966 13 510 3702

Chile Sales Office
Las Condes
T +56 2928 4819

India Sales Office
Chennai
T +91 44 3919 7300

Korea Sales Office
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