HAZARDOUS AREAMASTER™ GENERATION 2 HL LED

- Three lumen outputs provide up to 38,000 lumens.
- Choice of optics for optimal light distribution in a variety of applications.
- Separate field wiring compartment with screw terminal block for easy and secure connection (can accept UL/CSA 26-10AWG).
- Two ¾" NPT entries provided.
- Yoke bracket is designed to accommodate traditional Areamaster brackets and slipfitters for easy retrofit.
- Choice of color temperature (CCT); 5000K cool white or 3000K warm white.
- Rugged and compact housing with superior thermal design translates to long luminaire life.
- Heavy duty, high temperature silicone rubber gaskets.
- Thermal shock and impact resistant clear or frosted glass lens.
- Standard 6KV surge protection.
- Captive fasteners secure one piece lens.
- Field replaceable LED driver and lens cover.

OPTIONS

- Improved safety cable design with multiple retention points, purchase separately
- Guard and visor available, purchase separately
- Slip-fitters and mounting brackets available for easy pole or wall mounting
- 10KV Surge Protection

SUITABLE LOCATIONS

- Enclosed and gasketed fixtures suitable for use in:
  — A wide range of industrial, chemical processing and other areas where flammable gases and vapors are present, for example
  — Oil and Gas Refineries
  — Petrochemical Plants
  — Foundries
  — Drilling Rigs
  — Pulp and Paper Mills
  — Food and Beverage Processing Facilities
  — Loading Docks
  — Power Plants
  — Water and Wastewater Treatment Facilities
  — Other areas where corrosive, wet, dirty and tough environments are a problem
- IP66/IP67, Type 4X, marine and wet locations
- Locations requiring dependable, consistent lighting in extreme hot/cold temperature environments. -40 °C to +65 °C (-40 °F to +149 °F) ambient temperature range

STANDARD MATERIALS

- Housing and lens door: copperfree (4/10 of 1% max.) aluminum
- Gaskets: silicone rubber
- Yoke: zinc plated HR steel
- Bolts: stainless steel

- Close up plugs: (1) aluminum provided
- Guard and safety cable: stainless steel
- Visor: Aluminum

STANDARD FINISHES

- Housing, lens cover and yoke mount: architectural bronze polyester

NEC/CEC RATINGS

- 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: 70073613

RELATED PRODUCTS

- Round Tapered Steel Poles
- Hinged Steel Poled
- Square Tapered Steel Poles
- Square Steel Poles
- Floodlight Mounting Brackets

DESIGNLIGHTS™ CONSORTIUM

- All models

Product Ordering Guide | Areamaster Generation 2 HL LED

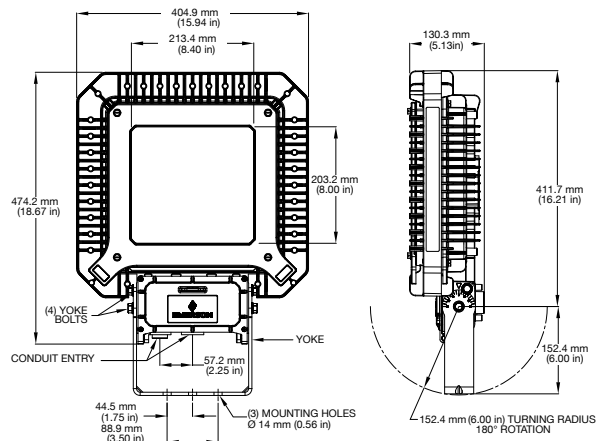| AMLH	L2	C	G	7	BU	S
Series: AMLH Areamaster 2 LED		**Color Temp CCT:** C - 5000K W - 3000K		**Beam Spread:** 5 - 5x5 6 - 7x7 (non-optic) 7 - 7x6		**Options:** F- Fusing S - 10 KV Surge Protection
	Lumen Level: L1- 24K L2- 30K L3- 38K		**Diffusion:** G - Clear Glass F - Frosted Glass		**Voltage:** BU - 120-277 Vac 50/60 Hz, 170-300 Vdc BH - 347-480 Vac 50/60 Hz	

For product information:
www.appletonelec.com
1.800.621.1506

Appleton®

EMERSON

		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	120-277 Vac, 50/60 Hz, 170-300 Vdc	120-277Vac, 50/60 Hz, 170-300 Vdc	120-277Vac, 50/60 Hz, 170-300 Vdc
	BH	347-480 Vac, 50/60 Hz	347-480 Vac, 50/60 Hz	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	3000K/5000K	3000K/5000K
Color Rendering Index (CRI)		80/70	80/70	80/70
Ambient Temperature (NEC/CEC)		−40 °C (−40 °F) to +65 °C (+149 °F)	−40 °C (−40 °F) to +65 °C (+149 °F)	−40 °C (−40 °F) to +55 °C (+131 °F)
T Rating (NEC/CEC)		T4 @ +65°C (+149°F)	T3C @ +65 °C (+149 °F)	T3C @ +55 °C (+131 °F)
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 All values typical +/-10%

Luminaire Category	Image	Effective Projected Area (EPA) = FPA*DC ft²
90° to Ground-Worst Case Mounting		2.45
45° to Ground-Standard Mounting		1.73

Photometric Data

5x5

— — — — 10 fc — — 1 fc
— — — 5 fc —— 0.5 fc
— — 2 fc — 0.2 fc
  0.1 fc

7x6

— — — — 5 fc — — 0.5 fc
— — — 2 fc —— 0.2 fc
— — 1fc — 0.1 fc

7x7

— — — — 5 fc — — 0.5 fc
— — — 2 fc —— 0.2 fc
— — 1 fc — 0.1 fc

Appleton®

EMERSON™