INDUSTRIAL AREAMASTER™ GENERATION 2 LED

- Three lumen outputs provide up to 19,500 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.

SUITABLE LOCATIONS

- Powerful, efficient weatherproof lighting for applications such as:
  — Security lighting
  — Production facilities
  — Warehouses
  — Processing plants
  — Storage areas
  — Parking garages and lots

OPTIONS

- Safety cable 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

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

- Marine Outside Type (Salt Water) for USA ONLY
- Wet Locations
- Type 3R, 4, 4X, IP66/67

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 LED

IAMLG	L7	C	G	7	BU	S
Series: **IAMLG:** Industrial Areamaster Generation 2 LED		**Color Temp CCT:** **C** - 5000K **W** - 3000K		**Beam Spread:** **6** - 7x7 (non-optic) **7** - 7x6		**Options:** **F**- Fusing **S** - 10 KV Surge Protection
	Lumen Level: **L6**- 9K **L7**- 15K **L8**- 19K		**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	

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For product information:
www.appletonelec.com
1.800.621.1506

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|		IAMLGL6	IAMLGL7	IAMLGL8
Equivalent to HPS/PSMH		175-250 Watt	250-400 Watt	400-750 Watt
Input Power		70 Watt	110 Watt	150 Watt
Voltage Range	BU	120-277 Vac, 50/60 Hz, 170-300 VDC	120-277 Vac, 50/60 Hz, 170-300 VDC	120-277 Vac, 50/60 Hz, 170-300 VDC
	BH	347-480 Vac, 50/60 Hz	347-480 Vac, 50/60 Hz	347-480Vac, 50/60 Hz
Luminous Flux (Efficacy)① for 5000K Clear	7x7	9900 (141)	15300 (139)	19900(133)
	7x6	9000 (129)	14200 (129)	18400 (123)
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 +65 °C (+149 °F)
Luminaire Weight		9.8 kg (22lb)	9.8 kg (22lb)	9.8 kg (22lb)
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		1.82
45° to Ground- Standard Mounting		1.28

Photometric Data

7x7	7x6

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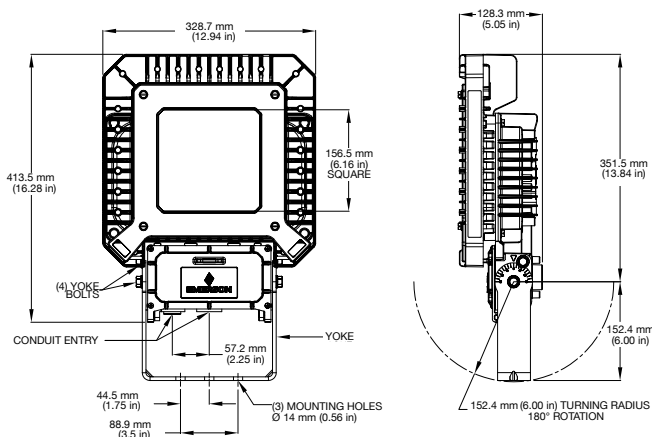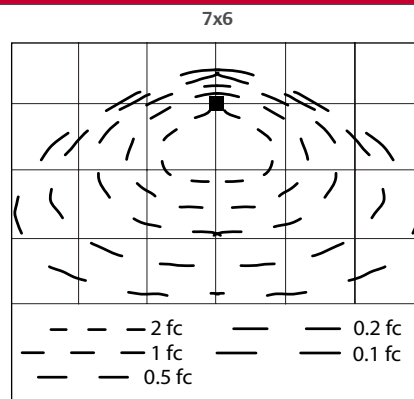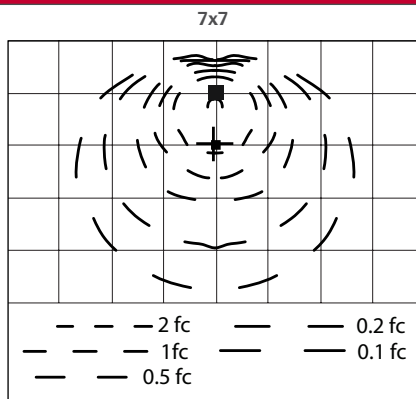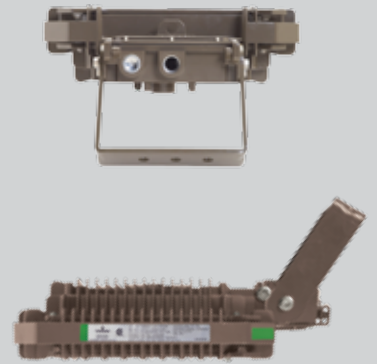
INDUSTRIAL AREAMASTER™ GENERATION 2 HL LED

- 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

- Safety cable 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

- Powerful, efficient weatherproof lighting for applications such as:
  — Security lighting
  — Production facilities
  — Warehouses
  — Processing plants
  — Storage areas
  — Parking garages and lots
- 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

- Marine outside type (salt water) for USA Only
- Wet locations
- Type 3R, 4, 4X
- IP66/67

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

IAMLH	L1	C	G	7	BU	S
Series: **IAMLH** Industrial Areamaster 2 HL 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	

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For product information:
www.appletonelec.com
1.800.621.1506

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		IAMLHL1	IAMLHL2	IAMLHL3
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	120-277 Vac, 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)
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

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