

Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

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

Applications

- Powerful, efficient, weatherproof lighting fixtures suitable for use in a wide range of industrial areas, for example:
 - Steel Production Plants
 - Power Generation Facilities
 - Foundries
 - Cement, Stone and Sand Plants
 - Pulp and Paper Mills
 - Ship Building and Shipping Ports
 - Storage Areas
 - Security Lighting
 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. -40°C to +55°C (-40°F to +131°F) for high lumen IAMLHL3 output.

Features

- Six lumen outputs provide up to 38,000 lumens.

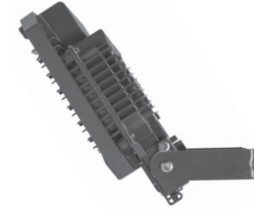
Nominal Lumens ①	Wattage (W)	Efficacy (lpw)	HID Equivalent	Model Number
9,500	70	136	175W-250W	IAMLGL6
15,000	111	135	250W-400W	IAMLGL7
19,500	152	125	400W-750W	IAMLGL8
24,000	177	136	1000W	IAMLHL1
30,000	221	136	1000-1500W	IAMLHL2
38,000	297	128	1500W	IAMLHL3

① Nominal lumen value for 5000K, NEMA 7x7, with clear glass.
Detailed lumen information provided in tables.

- 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 3/4" 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, 4000K neutral 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 6 kV 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
- Stainless steel yoke bracket
- 10 kV Surge Protection



IAMLG



IAMLH

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, visor and yoke mount: architectural bronze polyester

Related Products

- Areamaster Generation 2 and High Lumen LED
- Round Tapered Steel Poles
- Hinged Steel Poled
- Square Tapered Steel Poles
- Square Steel Poles
- Floodlight Mounting Brackets

NEC/CEC Certifications and Compliances

- UL Standards:
 - UL1598, Luminaires
 - UL1598A, Luminaires for Installation on Marine Vessels
 - UL 8750, LED Equipment for Use in Lighting Products
- CSA Standards:
 - CSA C22.2 No. 250.0, Luminaires
- cCSAus 164460 Certificate Number: IAMLG – 70073607, IAMLH – 70073608

DesignLights™ Consortium (for the following models)

- All models pending.

LED/HIGH BAY: NEC/CEC ORDINARY LOCATION

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Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire

Floodlight for Ordinary Locations

NEC/CEC:

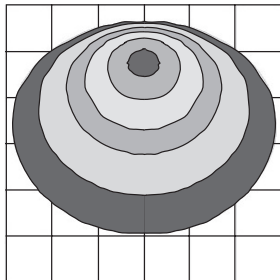
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Illustrated Features

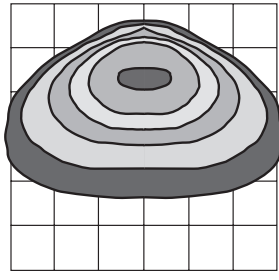
Light Where You Need It

Choose from 3 color temperatures and a variety of secondary optics to put light where your application needs it most. Unsure of which optic is best for your job? Contact your sales representative to get a free 3D Dialux simulation.

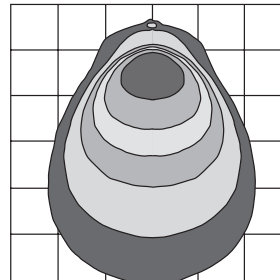
The Right Beam Pattern for Your Application



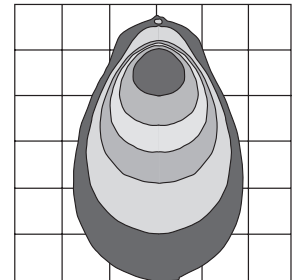
NEMA 7x7 – Uniform light spread, perfect for most typical flood lighting applications.



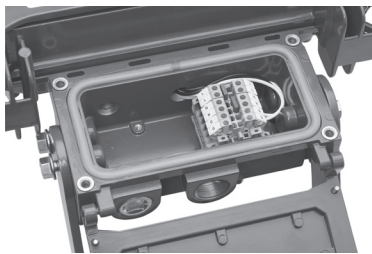
NEMA 7x6 – Mimics traditional HID light distribution. Light intensity is directed forward and side-to-side to maximize spacing between luminaires.



NEMA 5x5 – Narrow, spot type forward intensity focus. Enables higher mounting heights (50 ft / 15m+) while maintaining delivered light on surface (footcandles/lux).

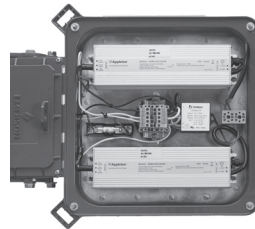


NEMA 3x3 – Very Narrow, spot type forward intensity focus. Enables highest mounting heights (100 ft / 30m+) while maintaining delivered light on surface (footcandles/lux).



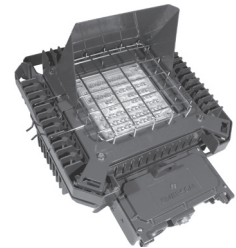
Front-Facing Wiring Compartment

The Areamaster gasketed front wiring compartment with screw terminal block, and captive screws offers unmatched installation ease and convenience.



Replaceable Drivers

Easy to access, field replaceable drivers extend the useful life of your luminaire up to 200,000 hours or more. Shown above, the Areamaster High Lumen which demands two LED drivers for the very bright outputs up to 38,000 lumens.



Visor and Guard

Whether using to comply with light pollution regulations, or simply controlling your light more and protection your lens, our optional visor and guards are readily available for your applications.

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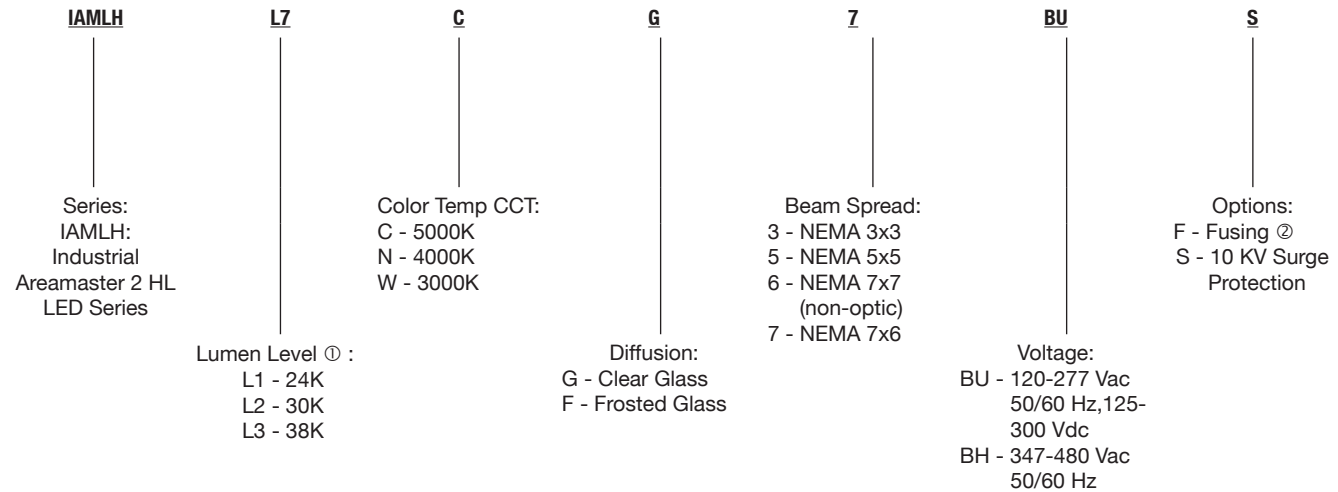
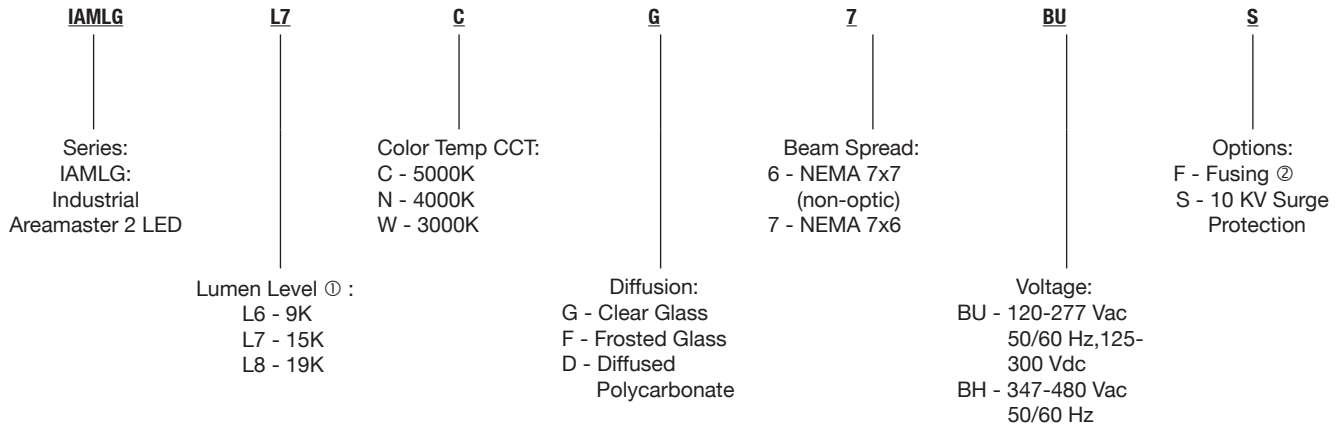
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Wet locations

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Order using catalog numbering guides below or select catalog number from tables on following pages.



LED/HIGH BAY: NEC/CEC ORDINARY LOCATION

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① All lumen values are typical (tolerance +/- 10%)



② Use of fuse voids Marine rating.

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Lumen Output Tables – IAML

Diffusion	Color Temperature CCT	Lumen Output ①	Wattage	Efficacy (lm/W)	Optical Pattern	Catalog Number ②
	5000K Cool White	9,900	70	141	NEMA 7x7	IAMLGL6CG6BU
		9,500		136	NEMA 7x6	IAMLGL6CG7BU
		15,000	111	135	NEMA 7x7	IAMLGL7CG6BU
		14,500		131	NEMA 7x6	IAMLGL7CG7BU
		19,500	152	128	NEMA 7x7	IAMLGL8CG6BU
		18,500		122	NEMA 7x6	IAMLGL8CG7BU
	4000K Neutral White	9,000	70	129	NEMA 7x7	IAMLGL6NG6BU
		8,500		121	NEMA 7x6	IAMLGL6NG7BU
		13,650	111	123	NEMA 7x7	IAMLGL7NG6BU
		12,950		117	NEMA 7x6	IAMLGL7NG7BU
		17,550	152	115	NEMA 7x7	IAMLGL8NG6BU
		16,550		109	NEMA 7x6	IAMLGL8NG7BU
	3000K Warm White	7,650	70	109	NEMA 7x7	IAMLGL6WG6BU
		7,350		105	NEMA 7x6	IAMLGL6WG7BU
		11,500	111	104	NEMA 7x7	IAMLGL7WG6BU
11,000			99	NEMA 7x6	IAMLGL7WG7BU	
15,000		152	99	NEMA 7x7	IAMLGL8WG6BU	
14,500			95	NEMA 7x6	IAMLGL8WG7BU	
	5000K Cool White	8,300	70	119	NEMA 7x7	IAMLGL6CF6BU
		7,900		113	NEMA 7x6	IAMLGL6CF7BU
		12,500	111	113	NEMA 7x7	IAMLGL7CF6BU
		12,000		108	NEMA 7x6	IAMLGL7CF7BU
		16,550	152	109	NEMA 7x7	IAMLGL8CF6BU
	4000K Neutral White	15,550		102	NEMA 7x6	IAMLGL8CF7BU
		7,500	70	107	NEMA 7x7	IAMLGL6NF6BU
		7,200		103	NEMA 7x6	IAMLGL6NF7BU
		11,350	111	102	NEMA 7x7	IAMLGL7NF6BU
		10,950		99	NEMA 7x6	IAMLGL7NF7BU
	3000K Warm White	14,500	152	95	NEMA 7x7	IAMLGL8NF6BU
		14,000		92	NEMA 7x6	IAMLGL8NF7BU
		6,400	70	91	NEMA 7x7	IAMLGL6WF6BU
		6,200		89	NEMA 7x6	IAMLGL6WF7BU
		9,700	111	87	NEMA 7x7	IAMLGL7WF6BU
	9,400		85	NEMA 7x6	IAMLGL7WF7BU	
	12,500	152	82	NEMA 7x7	IAMLGL8WF6BU	
	12,000		79	NEMA 7x6	IAMLGL8WF7BU	

① All lumen values and wattage typical (tolerance +/- 10%)

② For 347-480 Vac voltage, change **-BU** suffix to **-BH**, example IAMLGL1CG6BH.

For Fusing option, add suffix **-F** to end of part number, example IAMLGL1CG6BUF.

For 10 kV surge protection, add suffix **-S** to end of part number, example IAMLGL1CG7BUS.

For both Fusing and 10 kV surge, add suffix **-FS** to end of part number, example IAMLGL1CG7BUFS.

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Diffusion	Color Temperature CCT	Lumen Output ①	Wattage	Efficacy (lm/W)	Optical Pattern	Catalog Number ②
 Diffused Polycarbonate	5000K Cool White	8,050	70	115	NEMA 7x7	IAMLGL6CD6BU
		7,700		110	NEMA 7x6	IAMLGL6CD7BU
		12,200	111	110	NEMA 7x7	IAMLGL7CD6BU
		11,700		105	NEMA 7x6	IAMLGL7CD7BU
		15,650	152	103	NEMA 7x7	IAMLGL8CD6BU
		15,000		99	NEMA 7x6	IAMLGL8CD7BU
	4000K Neutral White	7,300	70	104	NEMA 7x7	IAMLGL6ND6BU
		6,950		99	NEMA 7x6	IAMLGL6ND7BU
		11,000	111	99	NEMA 7x7	IAMLGL7ND6BU
		10,550		95	NEMA 7x6	IAMLGL7ND7BU
		14,150	152	93	NEMA 7x7	IAMLGL8ND6BU
		13,500		89	NEMA 7x6	IAMLGL8ND7BU
3000K Warm White	6,250	70	89	NEMA 7x7	IAMLGL6WD6BU	
	5,950		85	NEMA 7x6	IAMLGL6WD7BU	
	9,450	111	85	NEMA 7x7	IAMLGL7WD6BU	
	9,000		81	NEMA 7x6	IAMLGL7WD7BU	
	12,100	152	80	NEMA 7x7	IAMLGL8WD6BU	
	11,500		76	NEMA 7x6	IAMLGL8WD7BU	

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Lumen Output Tables – IAMLH

Diffusion	Color Temperature CCT	Lumen Output ①	Wattage	Efficacy (lm/W)	Optical Pattern	Catalog Number ②	
Clear Glass	5000K Cool White	24,250	178	136	NEMA 7x7	IAMLHL1CG6BU	
		23,000		129	NEMA 7x6	IAMLHL1CG7BU	
		25,000		140	NEMA 5x5	IAMLHL1CG5BU	
		22,750	222	128	NEMA 3x3	IAMLHL1CG3BU	
		29,750		134	NEMA 7x7	IAMLHL2CG6BU	
		27,950		126	NEMA 7x6	IAMLHL2CG7BU	
		30,000		135	NEMA 5x5	IAMLHL2CG5BU	
	27,500	298	124	NEMA 3x3	IAMLHL2CG3BU		
	37,400		126	NEMA 7x7	IAMLHL3CG6BU		
	35,350		119	NEMA 7x6	IAMLHL3CG7BU		
	Clear Glass	4000K Neutral White	37,500	178	126	NEMA 5x5	IAMLHL3CG5BU
			34,750		117	NEMA 3x3	IAMLHL3CG3BU
			21,300		120	NEMA 7x7	IAMLHL1NG6BU
			20,500	222	115	NEMA 7x6	IAMLHL1NG7BU
21,900			123		NEMA 5x5	IAMLHL1NG5BU	
20,250			114		NEMA 3x3	IAMLHL1NG3BU	
26,100			118		NEMA 7x7	IAMLHL2NG6BU	
25,000		298	113	NEMA 7x6	IAMLHL2NG7BU		
26,700			120	NEMA 5x5	IAMLHL2NG5BU		
24,600			111	NEMA 3x3	IAMLHL2NG3BU		
Clear Glass		3000K Warm White	32,800	178	110	NEMA 7x7	IAMLHL3NG6BU
			31,500		106	NEMA 7x6	IAMLHL3NG7BU
			33,600		113	NEMA 5x5	IAMLHL3NG5BU
			30,950	222	104	NEMA 3x3	IAMLHL3NG3BU
	20,100		113		NEMA 7x7	IAMLHL1WG6BU	
	19,000		107		NEMA 7x6	IAMLHL1WG7BU	
	20,850		117		NEMA 5x5	IAMLHL1WG5BU	
19,350	298	109	NEMA 3x3	IAMLHL1WG3BU			
24,650		111	NEMA 7x7	IAMLHL2WG6BU			
23,200		105	NEMA 7x6	IAMLHL2WG7BU			
Clear Glass	3000K Warm White	25,500	178	115	NEMA 5x5	IAMLHL2WG5BU	
		23,450		106	NEMA 3x3	IAMLHL2WG3BU	
		31,000	298	104	NEMA 7x7	IAMLHL3WG6BU	
		29,300		98	NEMA 7x6	IAMLHL3WG7BU	
		32,000		107	NEMA 5x5	IAMLHL3WG5BU	
		29,500		99	NEMA 3x3	IAMLHL3WG3BU	



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For Fusing option, add suffix **-F** to end of part number, example IAMLHL1CG6BUF.

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For both Fusing and 10 kV surge, add suffix **-FS** to end of part number, example IAMLHL1CG7BUFS.

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Lumen Output Tables – IAMLH

Diffusion	Color Temperature CCT	Lumen Output ①	Wattage	Efficacy (lm/W)	Optical Pattern	Catalog Number ②		
Frosted Glass	5000K Cool White	20,500	178	115	NEMA 7x7	IAMLHL1CF6BU		
		19,500		110	NEMA 7x6	IAMLHL1CF7BU		
		21,550		121	NEMA 5x5	IAMLHL1CF5BU		
		20,000		112	NEMA 3x3	IAMLHL1CF3BU		
		25,000	222	113	NEMA 7x7	IAMLHL2CF6BU		
		23,700		107	NEMA 7x6	IAMLHL2CF7BU		
		26,000		117	NEMA 5x5	IAMLHL2CF5BU		
		24,750		111	NEMA 3x3	IAMLHL2CF3BU		
		31,500		106	NEMA 7x7	IAMLHL3CF6BU		
		29,950		101	NEMA 7x6	IAMLHL3CF7BU		
		33,500	298	112	NEMA 5x5	IAMLHL3CF5BU		
		31,000		104	NEMA 3x3	IAMLHL3CF3BU		
		Frosted Glass	4000K Neutral White	18,000	178	101	NEMA 7x7	IAMLHL1NF6BU
				17,300		97	NEMA 7x6	IAMLHL1NF7BU
19,350	109			NEMA 5x5		IAMLHL1NF5BU		
17,950	101			NEMA 3x3		IAMLHL1NF3BU		
21,950	222			99	NEMA 7x7	IAMLHL2NF6BU		
21,000				95	NEMA 7x6	IAMLHL2NF7BU		
23,600				106	NEMA 5x5	IAMLHL2NF5BU		
21,950				99	NEMA 3x3	IAMLHL2NF3BU		
27,700				93	NEMA 7x7	IAMLHL3NF6BU		
26,550				89	NEMA 7x6	IAMLHL3NF7BU		
29,750	298			100	NEMA 5x5	IAMLHL3NF5BU		
27,500				92	NEMA 3x3	IAMLHL3NF3BU		
Frosted Glass	3000K Warm White			16,850	178	95	NEMA 7x7	IAMLHL1WF6BU
				16,150		91	NEMA 7x6	IAMLHL1WF7BU
		18,600	104	NEMA 5x5		IAMLHL1WF5BU		
		17,200	97	NEMA 3x3		IAMLHL1WF3BU		
		20,550	222	93	NEMA 7x7	IAMLHL2WF6BU		
		19,600		88	NEMA 7x6	IAMLHL2WF7BU		
		22,650		102	NEMA 5x5	IAMLHL2WF5BU		
		21,000		95	NEMA 3x3	IAMLHL2WF3BU		
		26,000		87	NEMA 7x7	IAMLHL3WF6BU		
		24,750		83	NEMA 7x6	IAMLHL3WF7BU		
		28,600	298	96	NEMA 5x5	IAMLHL3WF5BU		
		26,400		89	NEMA 3x3	IAMLHL3WF3BU		



Frosted Glass

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Electrical Ratings ①

Voltage Suffix	Voltage (V)	Input Power (Watts)	Input Current (Amps)	Power Factor (PF)	Total Harmonic Distortion (THD)	Model Number	
IAMLG							
BU	120 Vac	73	0.62	>.9	<20%	IAMLGL6	
	277 Vac	71	0.27				
	170 Vdc	69	0.41	N/A	N/A		
	300 Vdc	68	0.23				
BH	347 Vac	71	0.21	>.9	<20%		
	480 Vac	71	0.16				
BU	120 Vac	111	0.94	>.9	<20%		IAMLGL7
	277 Vac	106	0.43				
	170 Vdc	113	0.67	N/A	N/A		
	300 Vdc	111	0.37				
BH	347 Vac	115	0.33	>.9	<20%		
	480 Vac	115	0.25				
BU	120 Vac	154	1.30	>.9	<20%	IAMLGL8	
	277 Vac	146	0.56				
	170 Vdc	156	0.92	N/A	N/A		
	300 Vdc	152	0.51				
BH	347 Vac	150	0.43	>.9	<20%		
	480 Vac	149	0.32				
IAMLH							
BU	120 Vac	180	1.52	>.9	<20%		IAMLHL1
	277 Vac	176	0.67				
	170 Vdc	172	1.02	N/A	N/A		
	300 Vdc	170	0.57				
BH	347 Vac	179	0.52	>.9	<20%		
	480 Vac	179	0.39				
BU	120 Vac	231	1.94	>.9	<20%	IAMLHL2	
	277 Vac	231	0.88				
	170 Vdc	220	1.30	N/A	N/A		
	300 Vdc	217	0.72				
BH	347 Vac	219	0.64	>.9	<20%		
	480 Vac	219	0.47				
BU	120 Vac	317	2.67	>.9	<20%		AMLHL3
	277 Vac	303	1.15				
	170 Vdc	305	1.80	N/A	N/A		
	300 Vdc	298	0.99				
BH	347 Vac	299	0.87	>.9	<20%		
	480 Vac	298	0.63				

Surge Protection: Integral 6 kV surge protection. Option for up to 10 kV surge protection.

① All ratings are typical.

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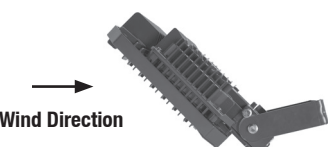


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Luminaire Category	Image	Frontal Projected Area (FPA) ft ²	Drag Coefficient (DC)	Effective Projected Area (EPA) = FPA*DC ft ²
IAMLG				
90° to Ground-Worst Case Mounting		1.52	1.20	1.82
45° to Ground-Standard Mounting		1.07	1.2	1.28
IAMLH				
90° to Ground-Worst Case Mounting		2.04	1.20	2.45
45° to Ground-Standard Mounting		1.44	1.20	1.73

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Accessories and Replacement Parts

	Description	Catalog Number
Crossarm Mounting Bracket		
	Has 180° horizontal adjustment — degree marked. Facilitates mounting floodlight to crossarm or other flat surface, or to GAM8WB. Includes floodlight yoke bolts. Malleable iron, zinc plated, chromate sealed, architectural bronze polyester finish.	GAM8CA
Pipe or Wall Mount Bracket		
	Used with GAM8CA. Clamps to 1" to 2-1/2" pipe, vertical or horizontal, or mounts on flat surfaces. Includes U-bolt and crossarm bracket bolts. Malleable iron, zinc plated, chromate sealed, with architectural bronze polyester finish.	GAM8WB
	Crossarm Mounting Bracket (GAM8CA) used with Pipe or Wall Mount Bracket (GAM8WB).	
Poletop Slip-Fitter		
	Slip-fits 1" or 1-1/2" pipe size poletop tenons. Includes floodlight yoke bolts, 3 locking bolts, and cord grip. Body is malleable iron-zinc plated, chromate sealed, with cast aluminum cap. Assembly has architectural bronze polyester finish.	AMLEDSF1
Poletop Slip-Fitter		
	Slip-fits 2" or 2-1/2" poletop tenons. Includes floodlight yoke bolts, 3 locking bolts, and cord grip. Malleable iron, zinc plated, chromate sealed, with architectural bronze polyester finish.	GAM8SF

LED/FLOODLIGHTS: NEC/CEC ORDINARY LOCATION

APPLETON™

Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

Marine outside type (salt water) for USA Only


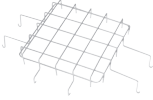





Wet locations

Type 3R, 4, 4X

IP66/67

LED/FLOODLIGHTS: NEC/CEC ORDINARY LOCATION

Accessories and Replacement Parts



	Description	Catalog Number
Wall Mount Bracket		
	Used with GAM8SF and GSF20 to provide a wall mounting option. Galvanized Steel.	GPSWB6GAL
Wire Guard		
	Stainless steel.	LGGUARD LHGUARD
Safety Cable		
	Stainless steel.	LEDSC
Visor		
	Steel with architectural bronze polyester finish. For Dark Sky Friendly design.	AMLGV AMLHV
Portable Floodlight Base		
	Portable floodlight base for temporary lighting applications. To be used with wire guard. Malleable iron with architectural bronze polyester finish.	GAMPFB
Replacement Covers		
		AMLGDIFFP AMLHCLEAR AMLHFROST
Yoke Mount Bracket		
	Stainless Steel Yoke Mount Bracket. For installations requiring a higher degree of corrosion protection. Made with all stainless steel components, no painted finish.	AMLYMSS AMLYMAB

Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

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

Replacement Drivers

	Voltage	Driver Wattage	Constant Current Setting	Luminaire Model	CCT	Catalog Number
	BU	100 watt	410mA	IAMLGL6C, IAMLGL6W	5K and 3K	APMS100C105UD41
	BH					APMS100C105HD41
	BU	150 watt	650mA	IAMLGL7W	3K	APMS150C105UD65
	BH					APMS150C105HD65
	BU	150 watt	680mA	IAMLGL7C	5k	APMS150C105UD68
	BH					APMS150C105HD68
	BU	150 watt	890mA	IAMLGL8W	3K	APMS150C105UD89
	BH					APMS150C105HD89
	BU	150 watt	930mA	IAMLGL8C	5k	APMS150C105UD93
	BH					APMS150C105HD93

LED/FLOODLIGHTS - NEC/CEC ORDINARY LOCATION

Industrial Areamaster Generation 2 Accessory Weights

Description	Weight in kg (lbs)
IAMLGL6, IAMLGL7, IAMLGL8 Luminaires	9.8 (21.6)
IAMLHL1, IAMLHL2, IAMLHL3 Luminaires	16.1 (35.4)
Yoke Bracket	1.41 (3.1)
Visor	0.2 (0.4)
Guard	0.2 (0.4)
Safety Cable	0.2 (0.4)
Crossarm Mounting Bracket GAM8CA	1.4 (3.1)
Pipe or Wall Mount Bracket GAM8WB	2.9 (6.4)
Poletop SlipFitter AMLEDSF1	2.4 (5.3)
Poletop SlipFitter GAM8SF	2.8 (6.2)

APPLETON™

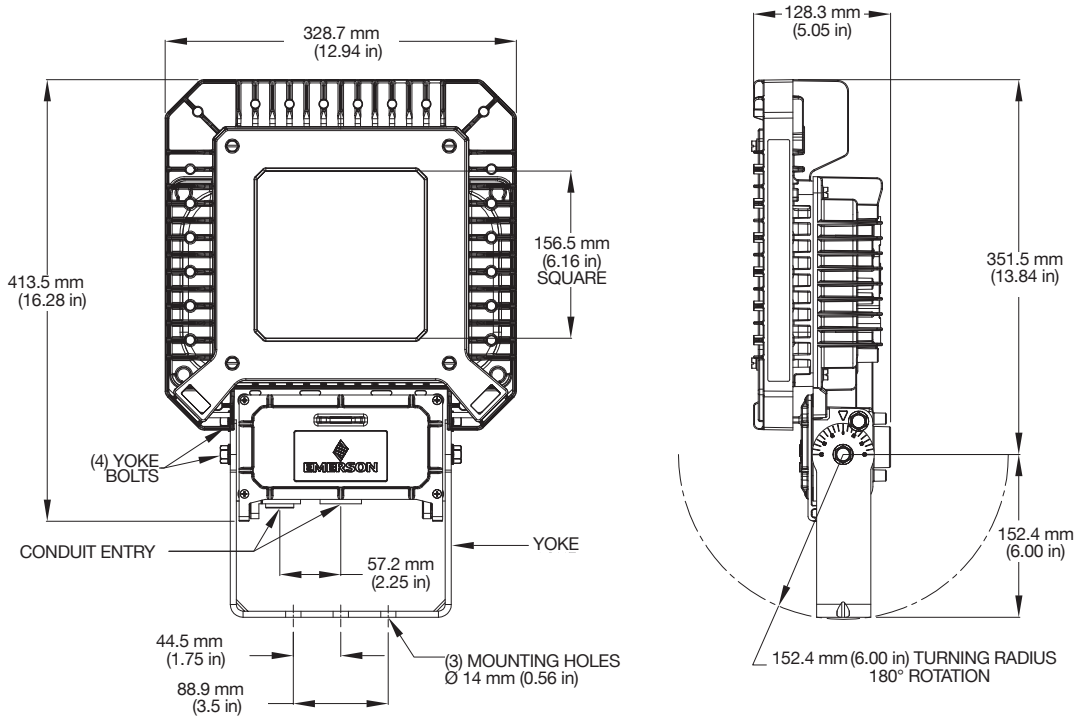
Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

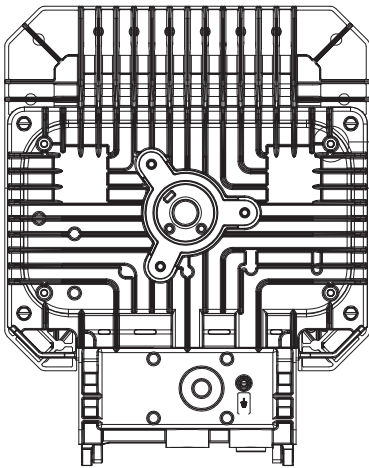
Marine outside type (salt water) for USA Only
Wet locations
Type 3R, 4, 4X
IP66/67

IAMLGL Dimensions in Millimeters (Inches)

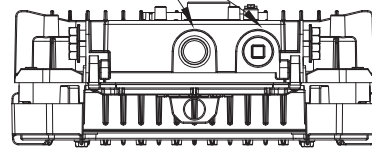
Floodlight



(4) 1/4-20 UNC-2B THREAD



(2) HUBS FOR 3/4" NPT CONDUIT



LED/FLOODLIGHTS: NEC/CEC ORDINARY LOCATION

APPLETON™

Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

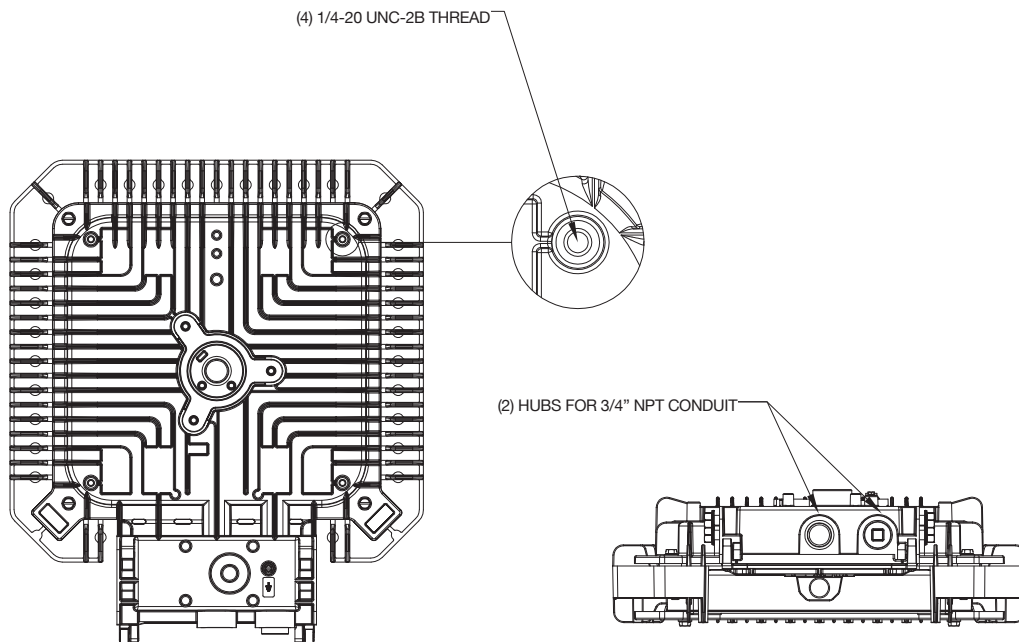
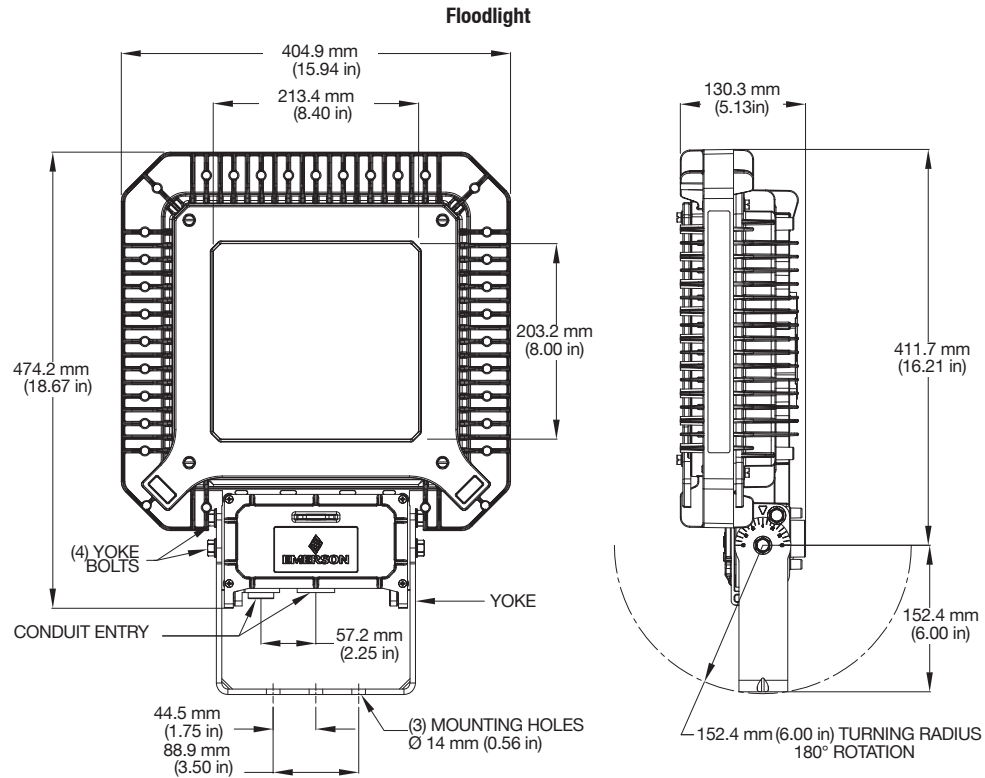
Marine outside type (salt water) for USA Only

Wet locations

Type 3R, 4, 4X

IP66/67

IAMLHL Dimensions in Millimeters (Inches)



LED/FLOODLIGHTS - NEC/CEC ORDINARY LOCATION

APPLETON™

Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

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

Photometric Data – DATA SHOWN IS ABSOLUTE

NEMA 7x7, Frosted Glass, 5000K CCT

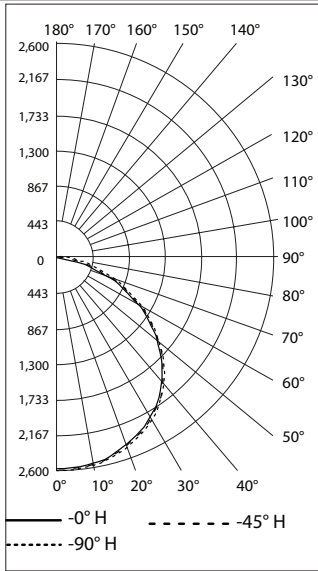
REPORT NUMBER: AMLZL6CF6BUM

Luminaire Lumens 7,454

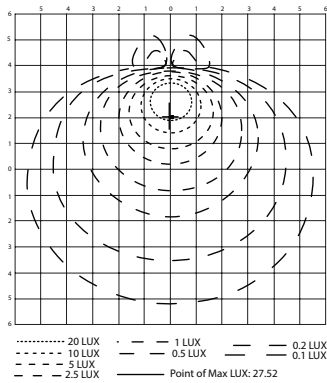
LED/FLOODLIGHTS: NEC/CEC ORDINARY LOCATION

APPLETON™

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT AT 45°



FLOOD SUMMARY

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	97.5%	7,280	159°	157°
Beam (50%)	75.5%	5,640	113°	114°
Total	100%	7,454		

Tilt Angle– 45 Degree LLF–0.9

↓
Forward Throw Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	12 (40)	9 (30)	6 (20)	0
9 (30)	13 (42)	9 (29)	2 (8)	0
12 (40)	12 (40)	5 (16)	0	0

← →
Side-to-Side Distance

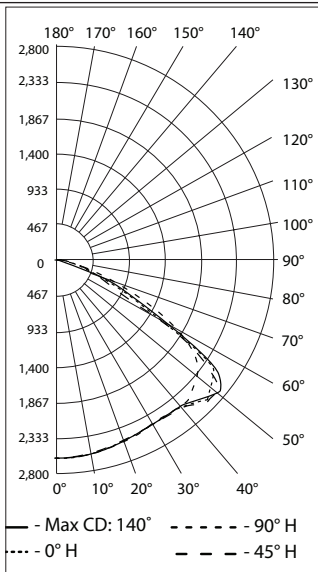
Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	18 (60)	13 (44)	9 (30)	0
9 (30)	18 (60)	11 (36)	0	0
12 (40)	18 (60)	7 (24)	0	0

NEMA 7x7, Clear Glass, 5000K

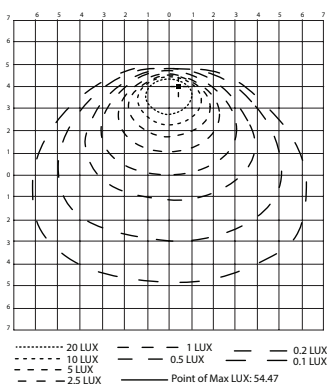
REPORT NUMBER: AMLZL6CG6BUM

Luminaire Lumens 9,027

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT AT 45°



FLOOD SUMMARY

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	98.3%	8,897	134°	144°
Beam (50%)	90.1%	8,153	95°	120°
Total	100%	9,027		

Tilt Angle– 45 Degree LLF–0.9

↓
Forward Throw Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	12 (40)	9 (30)	6 (20)	2 (5)
9 (30)	14 (45)	18 (60)	5 (15)	0
12 (40)	12 (40)	6 (20)	0	0

← →
Side-to-Side Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	22 (72)	15 (50)	12 (40)	3 (10)
9 (30)	22 (72)	16 (54)	9 (30)	0
12 (40)	24 (80)	12 (40)	0	0

Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

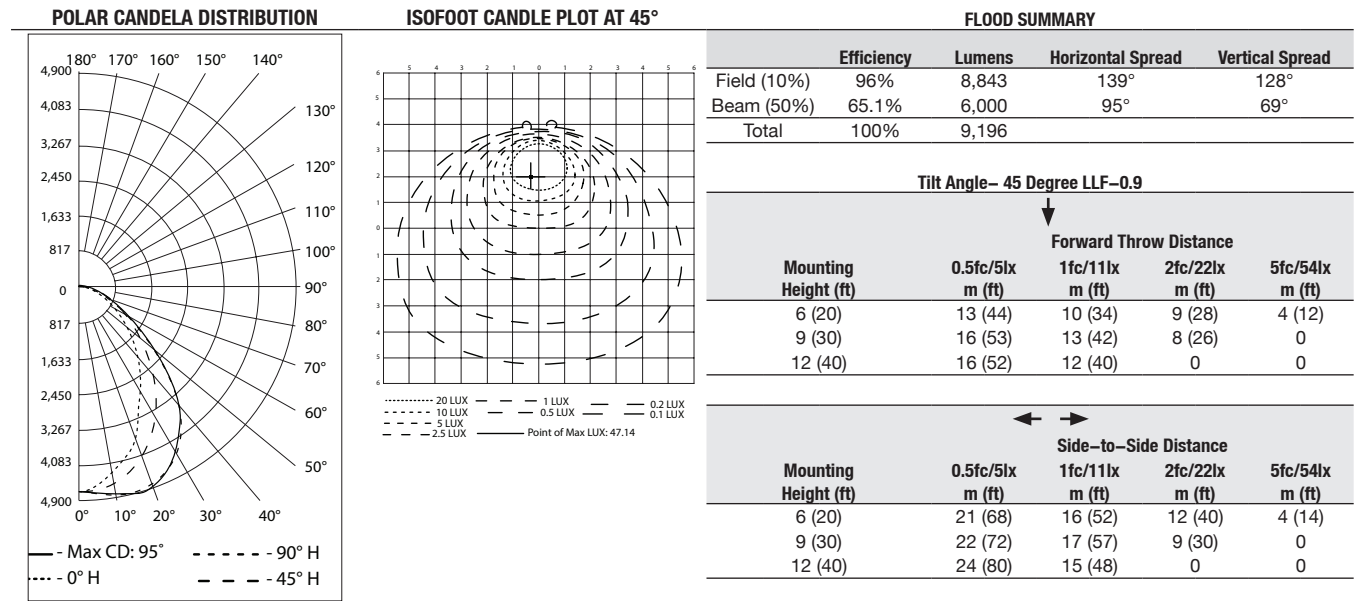
Marine outside type (salt water) for USA Only
Wet locations
Type 3R, 4, 4X
IP66/67

Photometric Data – DATA SHOWN IS ABSOLUTE

NEMA 7x6, Clear Glass, 5000K CCT

REPORT NUMBER: **AMLZL6CG7BUM**

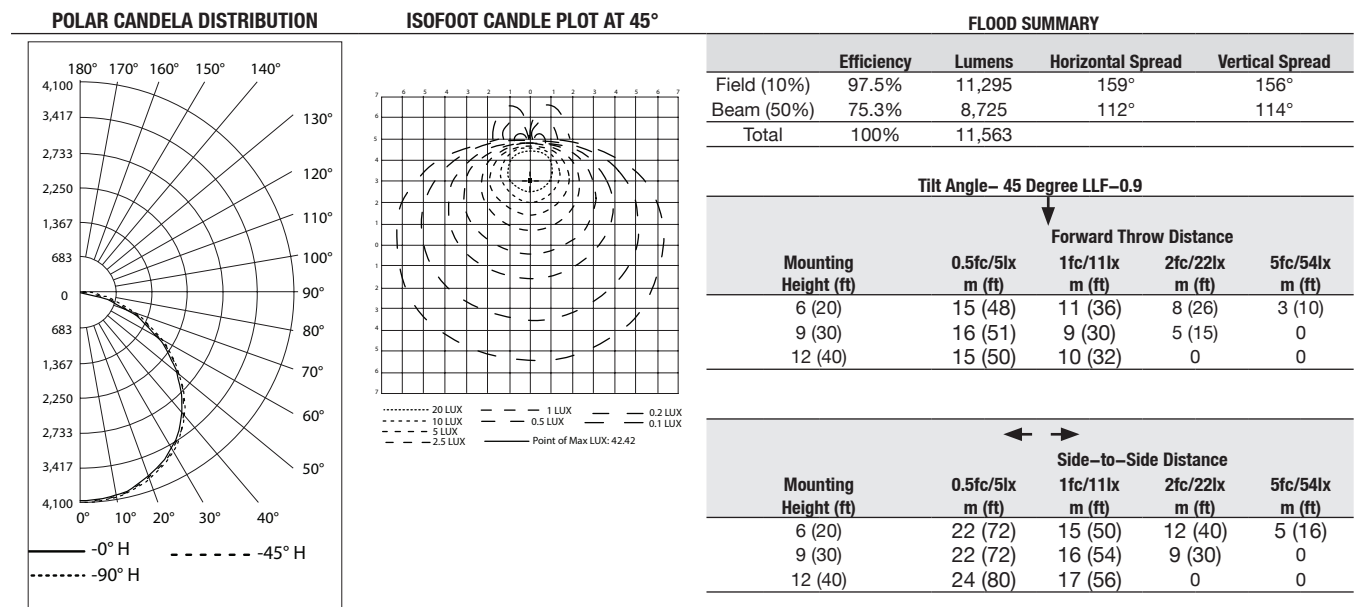
Luminaire Lumens 9,196



NEMA 7x7, Frosted Glass, 5000K CCT

REPORT NUMBER: **AMLZL7CF6BUM**

Luminaire Lumens 11,563



Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

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

Photometric Data – DATA SHOWN IS ABSOLUTE

NEMA 7x7, Clear Glass, 5000K

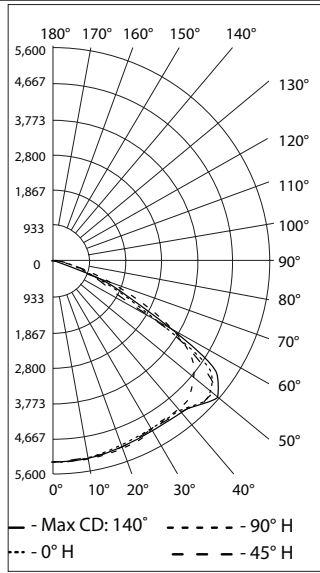
REPORT NUMBER: AMLZL7CG6BUM

Luminaire Lumens 14,029

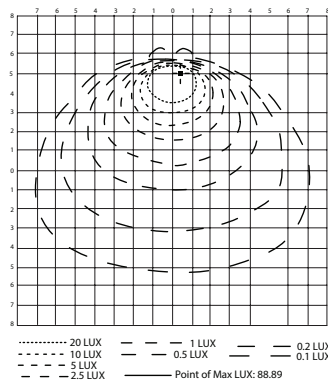
LED/FLOODLIGHTS: NEC/CEC ORDINARY LOCATION

APPLETON™

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT AT 45°



FLOOD SUMMARY

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	98.4%	13,830	133°	145°
Beam (50%)	90.1%	12,669	94°	121°
Total	100%	14,029		

Tilt Angle– 45 Degree LLF–0.9

↓
Forward Throw Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	14 (46)	11 (36)	8 (25)	4 (12)
9 (30)	16 (53)	11 (36)	7 (23)	0
12 (40)	16 (52)	10 (34)	2 (8)	0

← →
Side-to-Side Distance

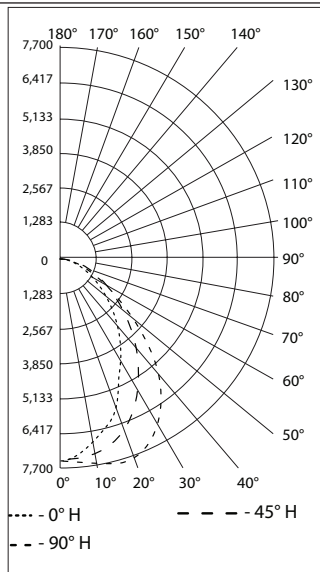
Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	24 (80)	18 (60)	13 (44)	9 (28)
9 (30)	27 (90)	20 (66)	15 (48)	0
12 (40)	28 (92)	21 (68)	0	0

NEMA 7x6, Clear Glass, 5000K CCT

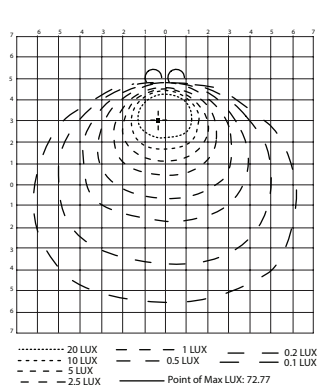
REPORT NUMBER: AMLZL7CG7BUM

Luminaire Lumens 14,343

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT AT 45°



FLOOD SUMMARY

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	96%	13,801	138°	127°
Beam (50%)	65.3%	9,390	94°	69°
Total	100%	14,343		

Tilt Angle– 45 Degree LLF–0.9

↓
Forward Throw Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	16 (52)	13 (42)	9 (30)	7 (22)
9 (30)	18 (60)	14 (45)	10 (33)	0
12 (40)	20 (64)	15 (48)	6 (20)	0

← →
Side-to-Side Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	23 (76)	18 (60)	13 (44)	9 (30)
9 (30)	27 (90)	20 (66)	15 (48)	0
12 (40)	29 (60)	22 (72)	9 (28)	0

Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

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

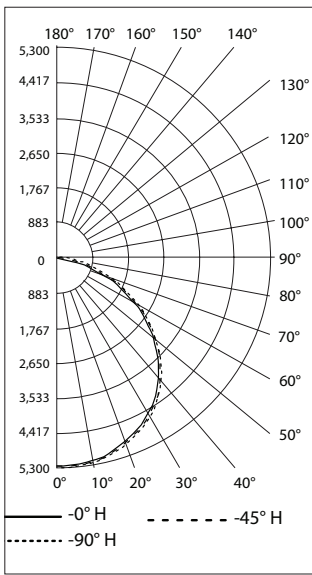
Photometric Data – DATA SHOWN IS ABSOLUTE

NEMA 7x7, Frosted Glass, 5000K CCT

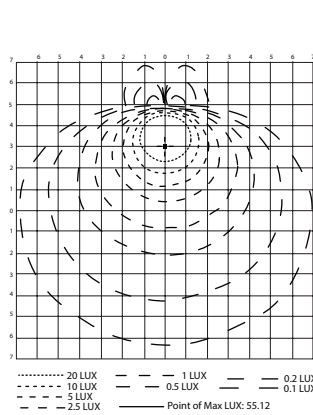
REPORT NUMBER: **AMLZL8CF6BUM**

Luminaire Lumens 14,993

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT AT 45°



FLOOD SUMMARY

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	97.5%	14,648	159°	156°
Beam (50%)	75.4%	11,323	112°	114°
Total	100%	14,993		

Tilt Angle– 45 Degree LLF–0.9

Mounting Height (ft)	Forward Throw Distance			
	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	16 (52)	12 (40)	9 (30)	6 (20)
9 (30)	18 (59)	14 (54)	9 (30)	0
12 (40)	17 (56)	12 (40)	0	0

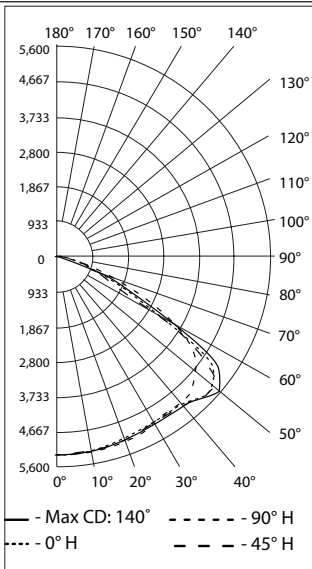
Mounting Height (ft)	Side-to-Side Distance			
	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	23 (76)	18 (60)	13 (44)	6 (20)
9 (30)	26 (84)	18 (60)	14 (45)	0
12 (40)	27 (88)	20 (64)	7 (24)	0

NEMA 7x7, Clear Glass, 5000K CCT

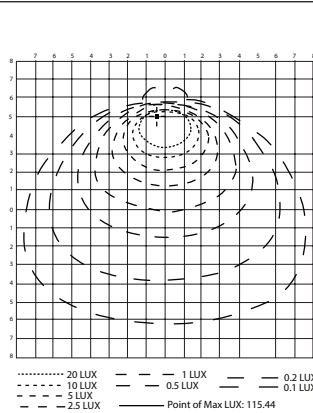
REPORT NUMBER: **AMLZL8CG6BUM**

Luminaire Lumens 18,104

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT AT 45°



FLOOD SUMMARY

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	98.3%	17,835	132°	145°
Beam (50%)	90%	16,330	93°	121°
Total	100%	18,104		

Tilt Angle– 45 Degree LLF–0.9

Mounting Height (ft)	Forward Throw Distance			
	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	16 (52)	12 (40)	9 (30)	5 (18)
9 (30)	9 (30)	13 (42)	9 (30)	0
12 (40)	18 (60)	12 (40)	0	0

Mounting Height (ft)	Side-to-Side Distance			
	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	27 (88)	22 (72)	15 (50)	10 (32)
9 (30)	31 (102)	22 (72)	16 (54)	2 (6)
12 (40)	32 (104)	24 (80)	12 (40)	0

Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

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

Photometric Data — DATA SHOWN IS ABSOLUTE

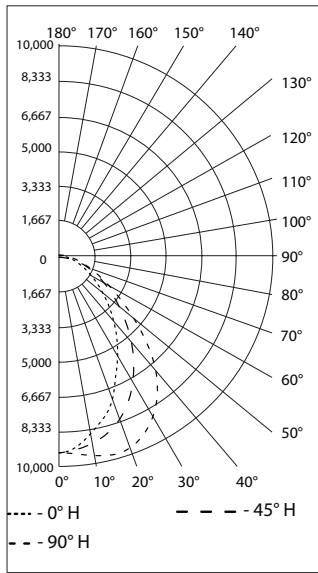
NEMA 7x6, Clear Glass, 5000K

REPORT NUMBER: AMLZL8CG7BUM

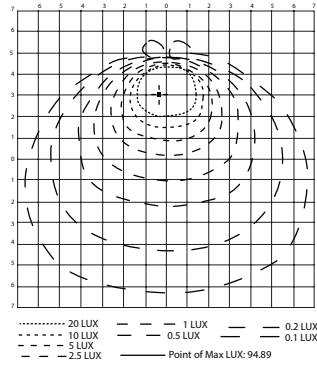
Luminaire Lumens 18,558

LED/FLOODLIGHTS: NEC/CEC ORDINARY LOCATION

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT AT 45°



FLOOD SUMMARY

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	96%	17,846	138°	127°
Beam (50%)	65.1%	12,103	94°	69°
Total	100%	18,558		

Tilt Angle— 45 Degree LLF—0.9

↓
Forward Throw Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	17 (56)	13 (44)	11 (36)	7 (24)
9 (30)	19 (63)	16 (53)	12 (41)	4 (12)
12 (40)	20 (66)	18 (60)	12 (40)	0

← →
Side-to-Side Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	24 (80)	18 (60)	16 (52)	11 (36)
9 (30)	29 (96)	23 (75)	18 (60)	4 (12)
12 (40)	32 (104)	24 (80)	12 (40)	0

Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

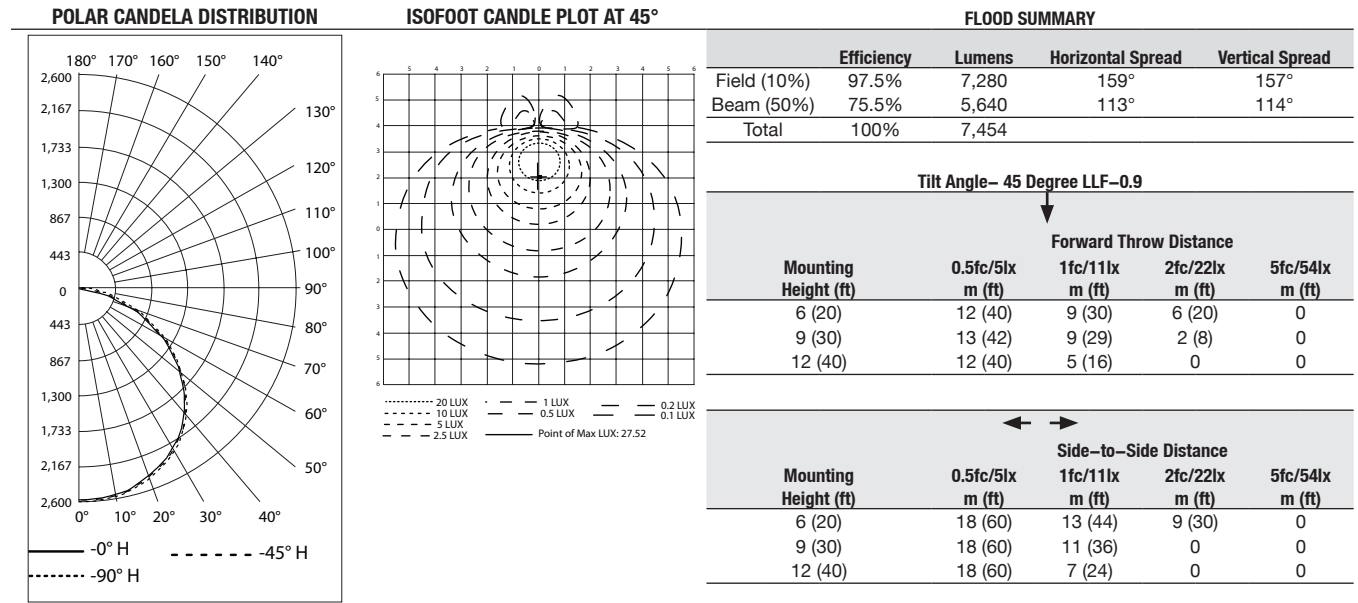
Marine outside type (salt water) for USA Only
Wet locations
Type 3R, 4, 4X
IP66/67

Photometric Data – DATA SHOWN IS ABSOLUTE

NEMA 7x7, Frosted Glass, 5000K CCT

REPORT NUMBER: AMLZL6CF6BUM

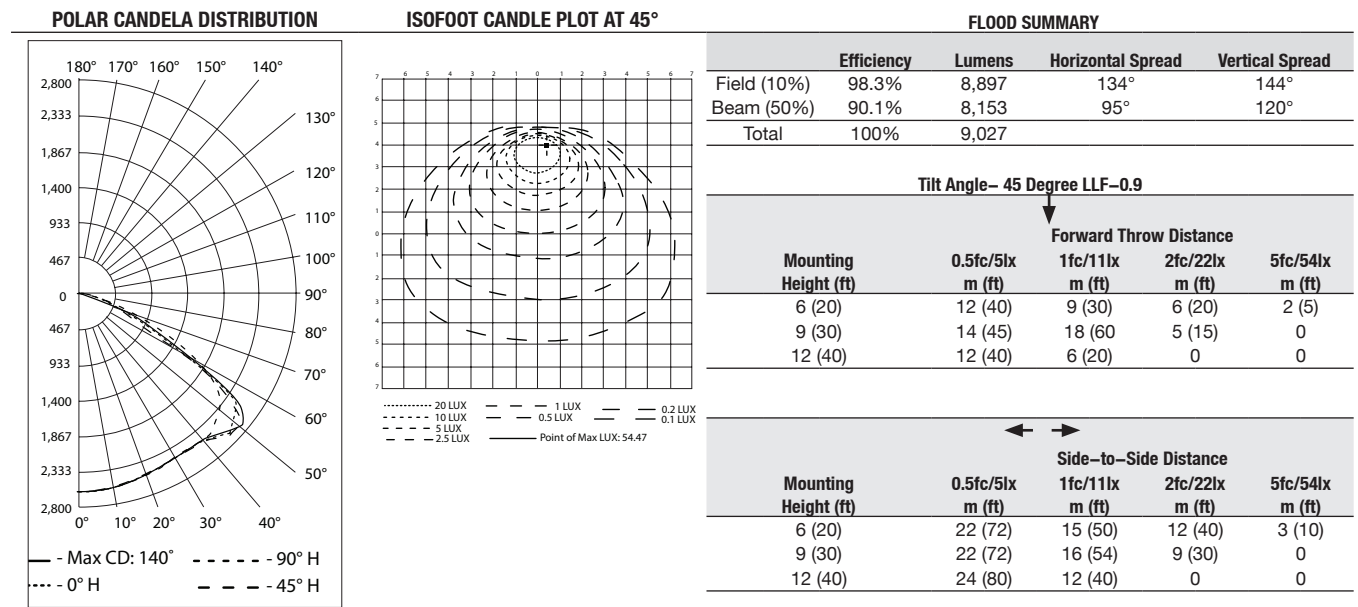
Luminaire Lumens 7,454



NEMA 7x7, Clear Glass, 5000K

REPORT NUMBER: AMLZL6CG6BUM

Luminaire Lumens 9,027



Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

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

Photometric Data – DATA SHOWN IS ABSOLUTE

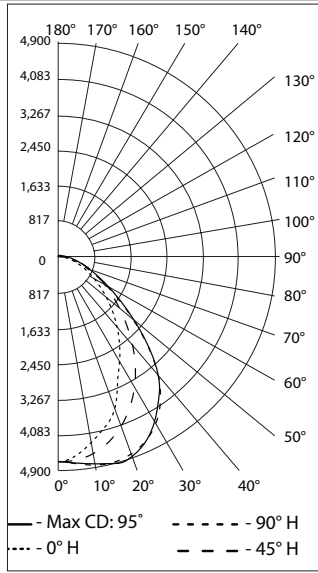
NEMA 7x6, Clear Glass, 5000K CCT

REPORT NUMBER: AMLZL6CG7BUM

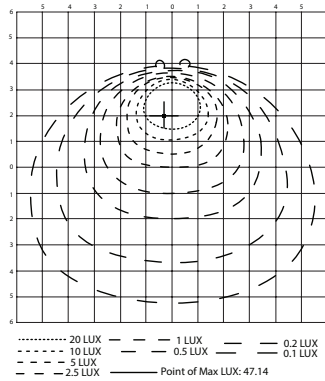
Luminaire Lumens 9,196

LED/FLOODLIGHTS: NEC/CEC ORDINARY LOCATION

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT AT 45°



FLOOD SUMMARY

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	96%	8,843	139°	128°
Beam (50%)	65.1%	6,000	95°	69°
Total	100%	9,196		

Tilt Angle– 45 Degree LLF–0.9

↓
Forward Throw Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	13 (44)	10 (34)	9 (28)	4 (12)
9 (30)	16 (53)	13 (42)	8 (26)	0
12 (40)	16 (52)	12 (40)	0	0

← →
Side-to-Side Distance

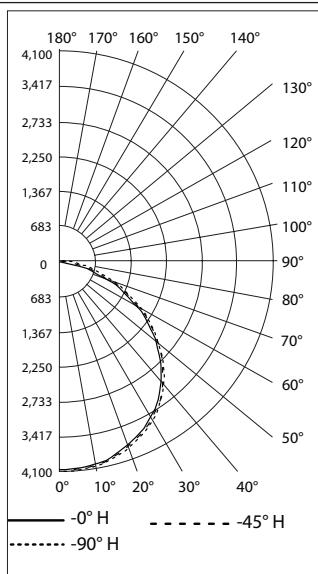
Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	21 (68)	16 (52)	12 (40)	4 (14)
9 (30)	22 (72)	17 (57)	9 (30)	0
12 (40)	24 (80)	15 (48)	0	0

NEMA 7x7, Frosted Glass, 5000K CCT

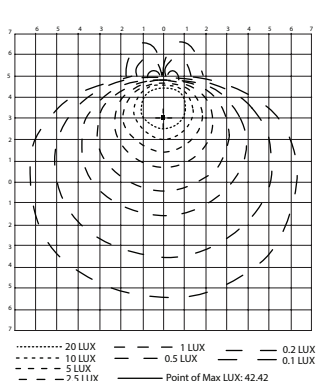
REPORT NUMBER: AMLZL7CF6BUM

Luminaire Lumens 11,563

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT AT 45°



FLOOD SUMMARY

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	97.5%	11,295	159°	156°
Beam (50%)	75.3%	8,725	112°	114°
Total	100%	11,563		

Tilt Angle– 45 Degree LLF–0.9

↓
Forward Throw Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	15 (48)	11 (36)	8 (26)	3 (10)
9 (30)	16 (51)	9 (30)	5 (15)	0
12 (40)	15 (50)	10 (32)	0	0

← →
Side-to-Side Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	22 (72)	15 (50)	12 (40)	5 (16)
9 (30)	22 (72)	16 (54)	9 (30)	0
12 (40)	24 (80)	17 (56)	0	0

Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

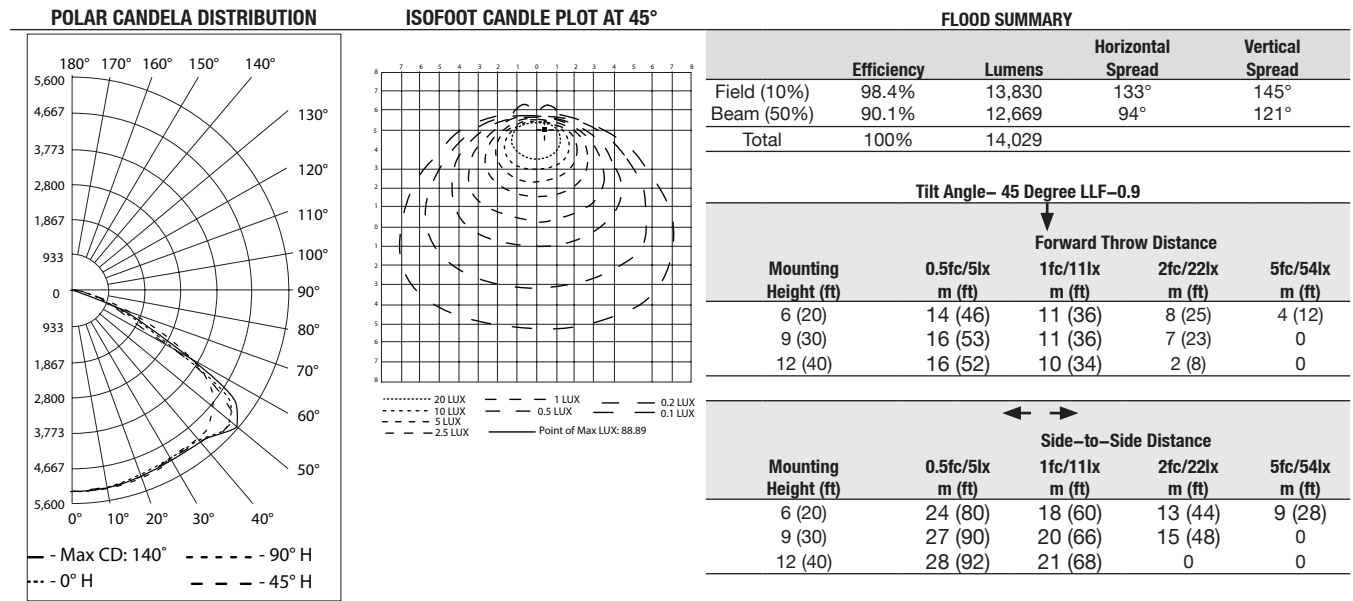
Marine outside type (salt water) for USA Only
Wet locations
Type 3R, 4, 4X
IP66/67

Photometric Data – DATA SHOWN IS ABSOLUTE

NEMA 7x7, Clear Glass, 5000K

REPORT NUMBER: **AMLZL7CG6BUM**

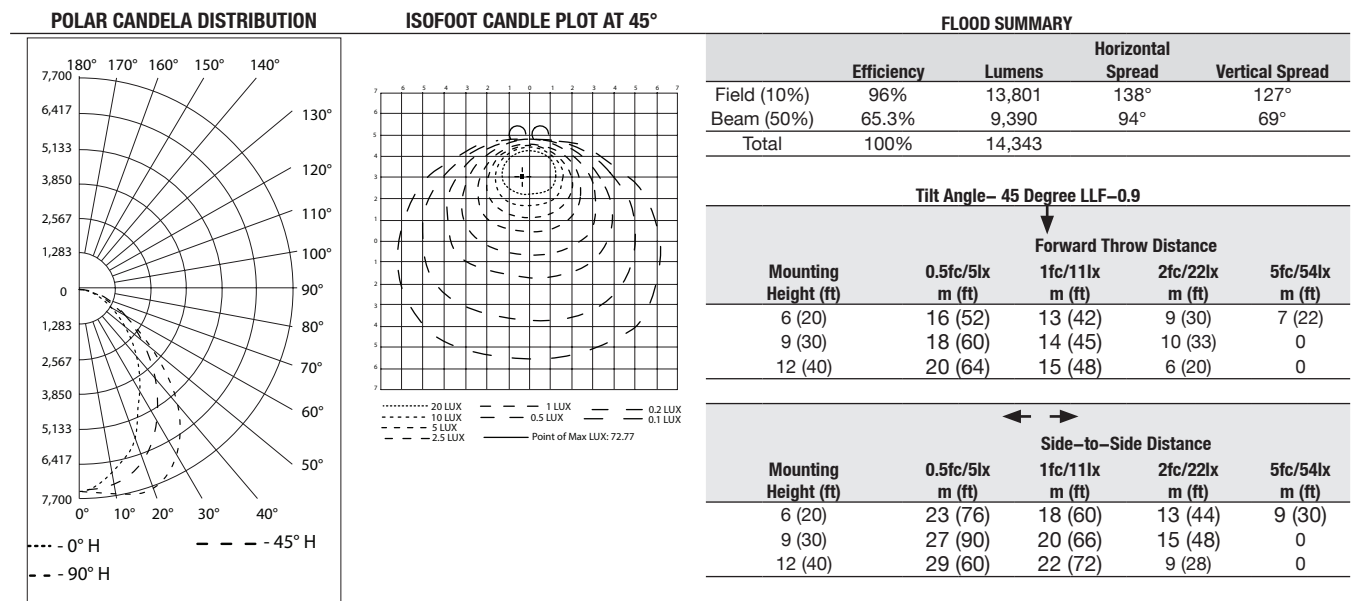
Luminaire Lumens 14,029



NEMA 7x6, Clear Glass, 5000K CCT

REPORT NUMBER: **AMLZL7CG7BUM**

Luminaire Lumens 14,343



Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

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

Photometric Data – DATA SHOWN IS ABSOLUTE

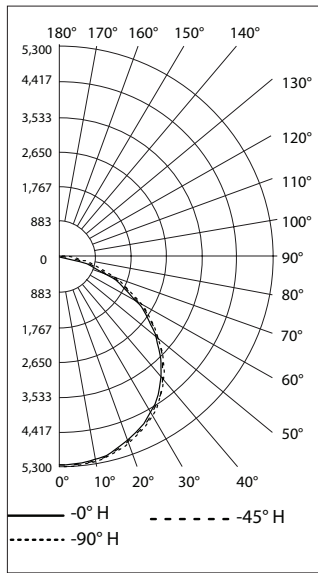
NEMA 7x7, Frosted Glass, 5000K CCT

REPORT NUMBER: AMLZL8CF6BUM

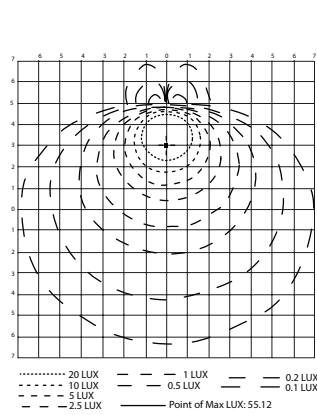
Luminaire Lumens 14,993

LED/FLOODLIGHTS: NEC/CEC ORDINARY LOCATION

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT AT 45°



FLOOD SUMMARY

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	97.5%	14,648	159°	156°
Beam (50%)	75.4%	11,323	112°	114°
Total	100%	14,993		

Tilt Angle– 45 Degree LLF–0.9

↓
Forward Throw Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	16 (52)	12 (40)	9 (30)	6 (20)
9 (30)	18 (59)	14 (54)	9 (30)	0
12 (40)	17 (56)	12 (40)	0	0

← →
Side-to-Side Distance

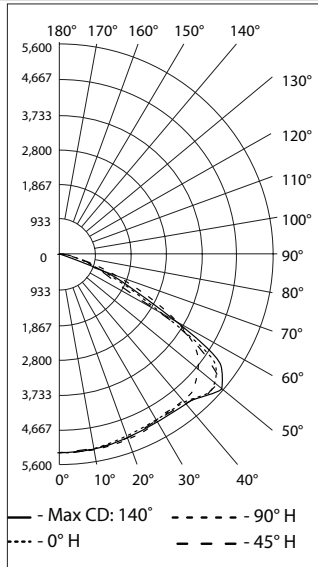
Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	23 (76)	18 (60)	13 (44)	6 (20)
9 (30)	26 (84)	18 (60)	14 (45)	0
12 (40)	27 (88)	20 (64)	7 (24)	0

NEMA 7x7, Clear Glass, 5000K CCT

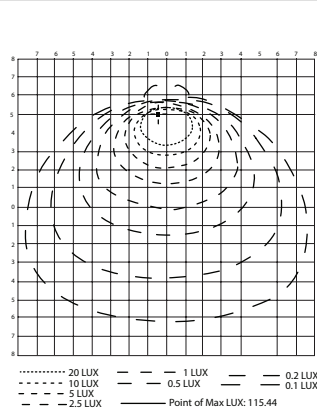
REPORT NUMBER: AMLZL8CG6BUM

Luminaire Lumens 18,104

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT AT 45°



FLOOD SUMMARY

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	98.3%	17,835	132°	145°
Beam (50%)	90%	16,330	93°	121°
Total	100%	18,104		

Tilt Angle– 45 Degree LLF–0.9

↓
Forward Throw Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	16 (52)	12 (40)	9 (30)	5 (18)
9 (30)	9 (30)	13 (42)	9 (30)	0
12 (40)	18 (60)	12 (40)	0	0

← →
Side-to-Side Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	27 (88)	22 (72)	15 (50)	10 (32)
9 (30)	31 (102)	22 (72)	16 (54)	2 (6)
12 (40)	32 (104)	24 (80)	12 (40)	0

Industrial Areamaster™ Generation 2 and High Lumen LED Luminaire Floodlight for Ordinary Locations

NEC/CEC:

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

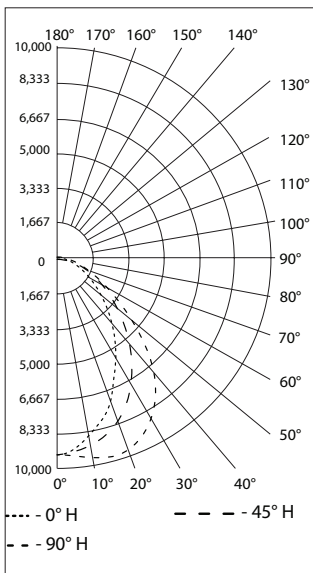
Photometric Data – DATA SHOWN IS ABSOLUTE

NEMA 7x6, Clear Glass, 5000K

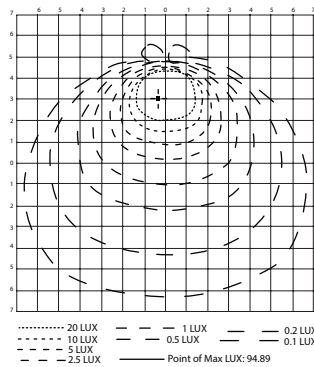
REPORT NUMBER: AMLZL8CG7BUM

Luminaire Lumens 18,558

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT AT 45°



FLOOD SUMMARY

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%)	96%	17,846	138°	127°
Beam (50%)	65.1%	12,103	94°	69°
Total	100%	18,558		

Tilt Angle– 45 Degree LLF–0.9

Mounting Height (ft)	Forward Throw Distance			
	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	17 (56)	13 (44)	11 (36)	7 (24)
9 (30)	19 (63)	16 (53)	12 (41)	4 (12)
12 (40)	20 (66)	18 (60)	12 (40)	0

Side-to-Side Distance

Mounting Height (ft)	0.5fc/5lx m (ft)	1fc/11lx m (ft)	2fc/22lx m (ft)	5fc/54lx m (ft)
6 (20)	24 (80)	18 (60)	16 (52)	11 (36)
9 (30)	29 (96)	23 (75)	18 (60)	4 (12)
12 (40)	32 (104)	24 (80)	12 (40)	0

LED/FLOODLIGHTS: NEC/CEC ORDINARY LOCATION

APPLETON™