



LiniArc® Wet Location (LAW2) Sign Lighter

Uncompromising Performance & Aesthetics



OVERVIEW	
Mounting	Rotatable Arm, Stem
Form Factors (ft.)	1, 2, 3, 4, 5, 6, 7, 8
Lumen Package (lm/ft.)	300 - 1,500
CCT (K)	2700, 3000, 3500, 4000, 5000
Wattage Range (W/ft.)	8 - 26
Efficacy Range (LPW)	68 - 128
Fixture Weight lbs/ft (kg/ft)	3.0 (1.4)
Controls	ALB, 3PC

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Factory-sealed, IP66 rated for Outdoor and Indoor applications
- DuraGrip® polyester powder coat finish. DuraGrip withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available
- 1ft. to 8ft. length in 1ft. increments, 2" nominal width, 3" height (direct), 4" height (direct/indirect)
- Extruded Aluminum housing for Corrosion Resistance
- Flush mount Acrylic or High-Impact Polycarbonate lens
- Operating temperature: -40°F to +122°F (-40°C to 50°C)
- Post-painted for high quality finish

Optical System

- Symmetric, Asymmetric (forward or reverse) or Narrow beam distributions
- Diffused lens avoids direct view of LED chips and pixellation
- Use luminaire aiming to optimize illuminance levels
- Minimum color rendering index (CRI) of 80 for accurate color rendering. 90CRI option for vivid, true to life color rendering

Electrical

- High-performance class 2 driver features overvoltage, under-voltage, short-circuit and over-temperature protection
- Universal Input Voltage (120-277VAC) or 347VAC
- 0-10V dimming (1% - 100% DIM to OFF) standard. Compatible with most commercially available dimmers.
- L70 Calculated Life: >60k hours
- Power factor: > 0.90
- Total harmonic distortion: <20%
- Integral cold weather (7W) or standard (10W) emergency battery.

Controls

- Available with Integral AirLink Blue (ALB) controls
- ALB is a low-power wireless Bluetooth mesh control system. ALB provides significant energy savings while ensuring code compliance and security."

Installation

- Rotatable Arm (Wall) or Stem (Ceiling) Mount
- Arm and Stem packaged with fixture (light assembly required)
- See installation guide for details.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Certified to UL 1598 and UL 8750.
- Suitable for dry, damp, or wet locations.
- IP66 Ingress Protection Rating
- IK10 Impact Rating using Polycarbonate lens
- IK7-8 Impact Rating using Acrylic lens
- IDA compliant; with 3000K or lower color temperature selection. Only in specific luminaire orientations without upright.
- Title 24 Compliant; see local ordinances for qualification information.
- Meets Buy American Act (BAA) and Build America, Buy America (BABA) requirements

*Maximum ambient temperature for 15L lumen package is 95F (35C). For 12L 104F (40C) and for 10L or lower, 122F (50C).

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Type : _____

 **Have questions?** Call us at (800) 436-7800

ORDERING GUIDE (Accessories Must be Ordered Separately)

ORDERING GUIDE - SIGN LIGHTER

TYPICAL ORDER EXAMPLE: LAW2 A3 8 15L N 850 CA I UNV 1 CB WHT S SP2						
Prefix	Mounting (Rotatable)	Length (Ft.)	Direct Lumens per Ft.	Distribution (Direct)	Color Temperature & CRI	
LAW2 - LiniArc Wet Location 2"	A3 - Wall Arm Mount 3"	1 - 1ft. 5 - 5ft.	03L - 300 lm/ft.	S - Standard Wide Symmetric	830	935
	A6 - Wall Arm Mount 6"	2 - 2ft. 6 - 6ft.	05L - 500 lm/ft.	N - Narrow/Graze	835	940
	A12 - Wall Arm Mount 12"	3 - 3ft. 7 - 7ft.	07L - 700 lm/ft.	A - Asymmetric Forward Throw	840	950
	A18 - Wall Arm Mount 18"	4 - 4ft. 8 - 8ft.	10L - 1,000 lm/ft.	R - Asymmetric Reverse Throw	850	AMB - Phosphor Converted Amber
	A24 - Wall Arm Mount 24"		12L - 1,200 lm/ft.		927	
	R24 - Stem Ceiling Mount 24"		15L - 1,500 lm/ft.		930	AMT - Narrow Band True Amber
	R36 - Stem Ceiling Mount 36"					
	R48 - Stem Ceiling Mount 48"					
	R60 - Stem Ceiling Mount 60"					
	Arm, Stem and hardware included. See length constraints table.		Available in 6" increments. Contact factory. Constraints apply. See length constraints table.			
Lens (Styling & Material)		Position	Voltage		Controls	
FA - Diffuse Acrylic Flush CA - Clear (5% haze) Acrylic Flush FP - Diffuse Polycarbonate Flush High Impact*		I - Individual	UNV - 120-277VAC HV - 347VAC		N - 0-10V Standard (1-100% DIM to OFF) 1 - AirLink Blue Controller 3 - 3rd party Controls. Contact Factory	
*Required for Narrow or Asymmetric Distributions						
Emergency Battery		Finish & Color	Wiring Options		Options	
Blank - None EM - Standard Battery Backup 10W (0°C - 35°C) CB - Cold Weather Battery Backup 7W (-20°C - 35°C) Remote emergency available. See accessory ordering information. Separate power feed required for integral battery.		WHT - Matte White BLK - Matte Black MSV - Metallic Silver BRZ - Textured Dark Bronze GMG - Gun Metal Gray	GPT - Graphite PLP - Platinum Plus SVG - Satin Verde Green RAL XXX - Custom	S - Standard	N - None SP1 - 10kV Surge Protection Device SP2 - 20kV Surge Protection Device	



Need more information?
[Click here for our glossary](#)

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LENGTH CONSTRAINTS

Length (ft.)	Max Arm Length (in.)				
	3	6	12	18	24
1	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓
3	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓
5	✓	✓	✓	✓	
6	✓	✓	✓	✓	
7	✓	✓	✓		
8	✓	✓	✓		

Note: Mounting and Wiring accessories and hardware included
Contact factory for custom length options.

ACCESSORY ORDERING INFORMATION (Accessories must be ordered separately)

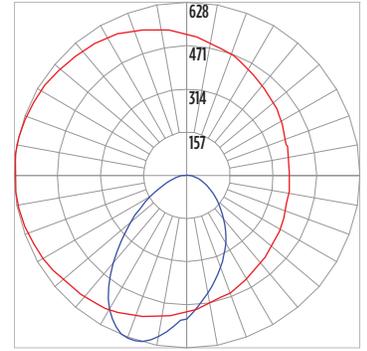
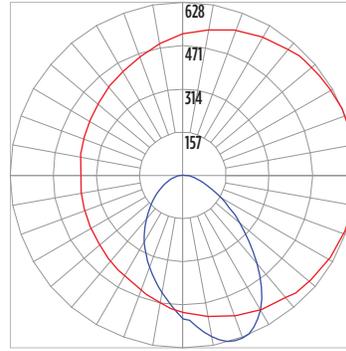
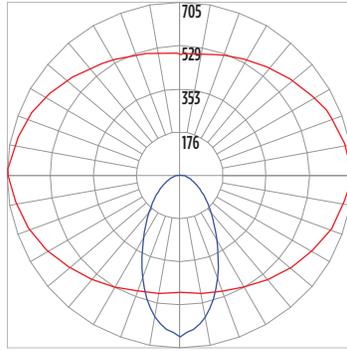
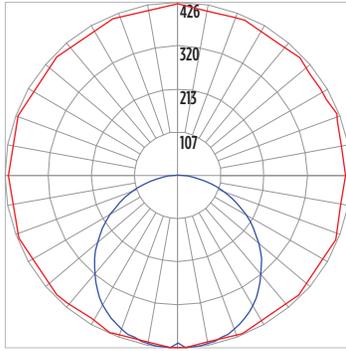
Part Number	Description	Order Number
Emergency (Remote Only)	8W Remote EM (up to 60W input)	778196
	25W Remote EM (up to 200W input)	801387

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OPTICAL DISTRIBUTIONS



■ Vertical Plane ■ Horizontal Cone

LAW2-4-03L-OL-840-FA-S-UNV

Wide Symmetric Lambertian (S)	
NEMA Type	7 H x 7 V
Horizontal Beam Angle (50%)	108°
Vertical Beam Angle (50%)	114°
Horizontal Field Angle (10%)	167°
Vertical Field Angle (10%)	164°

LAW2-4-03L-OL-840-CA-N-UNV

Narrow / Wall Graze (N)	
NEMA Type	7 H x 6 V
Horizontal Beam Angle (50%)	104°
Vertical Beam Angle (50%)	53°
Horizontal Field Angle (10%)	153°
Vertical Field Angle (10%)	124°

LAW2-4-03L-OL-840-CA-A-UNV

Asymmetric / Forward Throw (A)	
NEMA Type	7 H x 7 V
Horizontal Beam Angle (50%)	92°
Vertical Beam Angle (50%)	72°
Horizontal Field Angle (10%)	149°
Vertical Field Angle (10%)	141°

LAW2-4-03L-OL-840-CA-R-UNV

Wide Symmetric Lambertian (S)	
NEMA Type	7 H x 7 V
Horizontal Beam Angle (50%)	92°
Vertical Beam Angle (50%)	72°
Horizontal Field Angle (10%)	149°
Vertical Field Angle (10%)	141°

PERFORMANCE

Length (ft.)	Lumen Package (lm/ft.)					
	300	500	700	1,000	1,200	1,500
1	-	X	X	X	-	-
2	X	X	X	X	X	X
3	X	X	X	X	X	X
4	X	X	X	X	X	X
5	X	X	X	X	X	X
6	X	X	X	X	X	X
7	X	X	X	X	X	X
8	X	X	X	X	X	X

Lumen Maintenance - LAW2 ²					
Ambient Temperature (C°)	Initial ³	25K hrs. ³	50K hrs. ³	75K hrs. ⁴	100K hrs. ⁴
0	100%	96%	92%	88%	84%
10	100%	96%	92%	88%	84%
20	100%	96%	92%	88%	84%
25	100%	96%	92%	88%	84%
30	100%	96%	91%	87%	83%
40	100%	95%	91%	86%	82%
50	100%	95%	90%	85%	80%

²Maximum ambient temperature for 15L lumen package is 95F (35C). For 12L 104F (40C) and for 10L or lower, 122F (50C).

Lens & Distribution*		
Lens	Distribution	
Flush Acrylic	S	1.00
Proud Acrylic	S	1.05
Clear Acrylic	A	1.02
Clear Acrylic	N	1.03
Flush Polycarbonate	S	0.81
Proud Polycarbonate	S	0.74

Color Temperature (K)		CRI	
2700*	0.73	80	1.00
3000	0.91	90	0.80
3500	0.97		
4000	1.00		
5000	0.99		

*2700K only offered in 90CRI min.

*See the LAW2 performance table on the website for more information.

¹ Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

² Lumen maintenance values at 40C are calculated per TM-21 based on LM-80 data and in-situ testing.

³ In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.

⁴ In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing.

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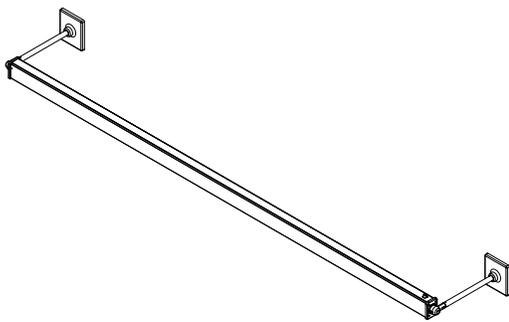
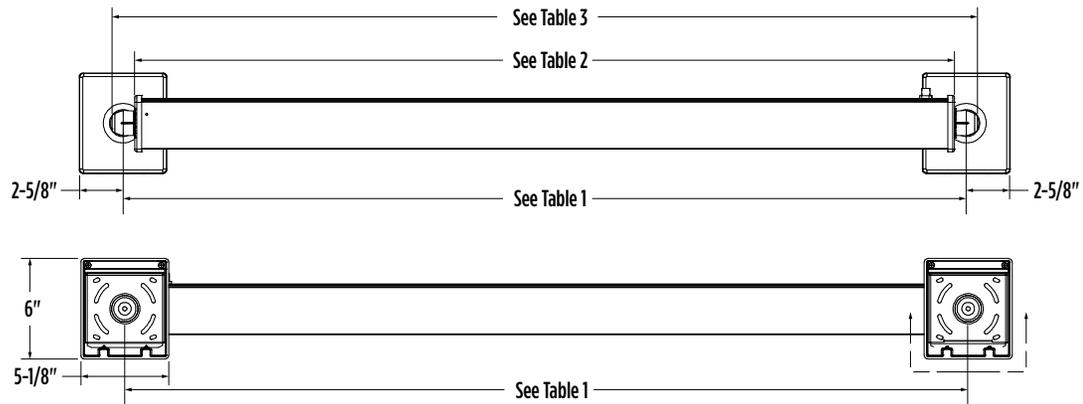
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PERFORMANCE

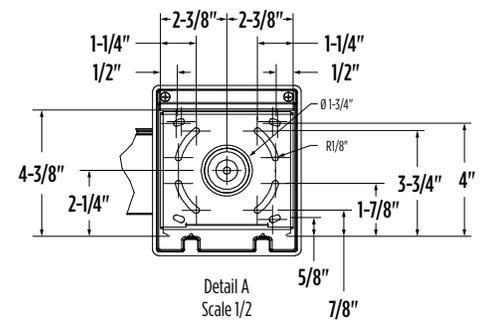
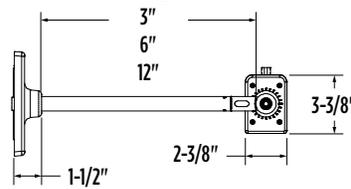
Direct Only Electrical Data (Amps)							
Length (ft.)	Lumen Package	Wattage	120V	208V	240V	277V	347V
1	500	6	0.06	0.03	0.03	0.02	0.02
	700	8	0.06	0.04	0.03	0.03	0.02
	1,000	10	0.08	0.05	0.04	0.03	0.03
2	700	12	0.10	0.06	0.05	0.04	0.04
	1,000	18	0.15	0.08	0.07	0.06	0.05
	1,200	21	0.17	0.10	0.09	0.08	0.06
	1,500	27	0.22	0.13	0.11	0.10	0.08
3	700	18	0.15	0.09	0.07	0.06	0.05
	1,000	26	0.21	0.12	0.11	0.09	0.07
	1,200	31	0.26	0.15	0.13	0.11	0.09
	1,500	39	0.33	0.19	0.16	0.14	0.11
4	700	24	0.2	0.11	0.10	0.09	0.07
	1,000	33	0.27	0.16	0.14	0.12	0.09
	1,200	40	0.33	0.19	0.17	0.14	0.12
	1,500	52	0.43	0.25	0.22	0.19	0.15
5	700	29	0.24	0.14	0.12	0.10	0.08
	1,000	42	0.35	0.20	0.18	0.15	0.12
	1,200	52	0.43	0.25	0.22	0.19	0.15
	1,500	65	0.54	0.31	0.27	0.23	0.19
6	700	36	0.3	0.17	0.15	0.13	0.10
	1,000	51	0.43	0.25	0.21	0.18	0.15
	1,200	62	0.52	0.30	0.26	0.22	0.18
	1,500	78	0.65	0.38	0.33	0.28	0.22
7	700	41	0.34	0.20	0.17	0.15	0.12
	1,000	58	0.48	0.28	0.24	0.21	0.17
	1,200	70	0.58	0.34	0.29	0.25	0.20
	1,500	91	0.76	0.44	0.38	0.33	0.26
8	700	47	0.39	0.23	0.20	0.17	0.14
	1,000	65	0.55	0.31	0.27	0.24	0.19
	1,200	80	0.67	0.38	0.33	0.29	0.23
	1,500	102	0.85	0.49	0.43	0.37	0.29

PRODUCT DIMENSIONS

Arm Mount



Arm Lengths



Stem Mount

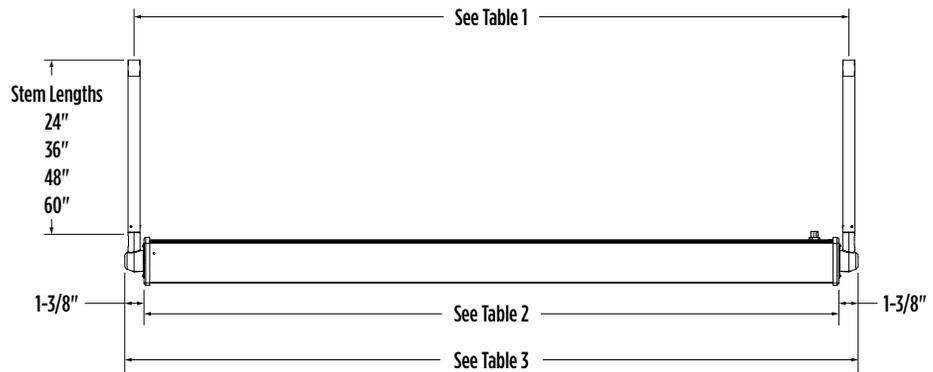
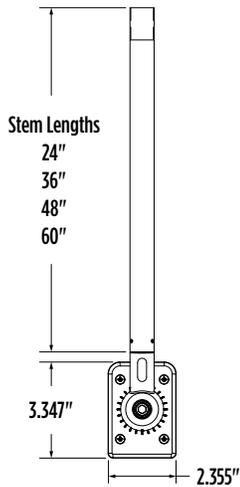


Table 1	
Fixture Length (ft)	Arm/Stem Center Line to Center Line Distance (in)
1	13.75
2	25.75
3	37.75
4	49.75
5	61.75
6	73.75
7	85.75
8	97.75

Table 2	
Fixture Length (ft)	Fixture Length (in)
1	12.375
2	24.375
3	36.375
4	48.375
5	60.375
6	72.375
7	84.375
8	96.375

Table 3	
Fixture Length (ft)	Fixture Length (in)
1	15.125
2	27.125
3	39.125
4	51.125
5	63.125
6	75.125
7	87.125
8	99.125