Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	

Invue

LXS Luxescape Collection

Decorative Luminaire

Product Features

Interactive Menu

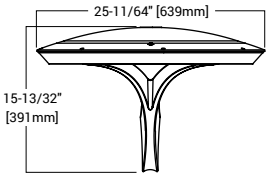
Product Certifications

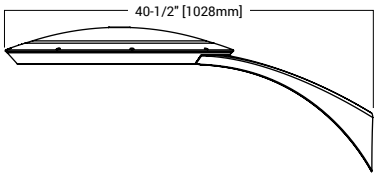
Quick Facts

- Contemporary, architectural form in 3 configurations
- WaveStream™ LED technology provides a visually comfortable light source
- Integrated controls options for standalone or connected solutions
- Lumen packages range from 1900 to 11,400 lumens
- Standard output is 4000K CCT with minimum 70 CRI; other options are available

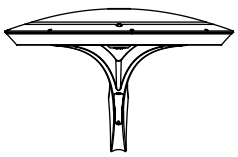
Dimensional and Mounting Details

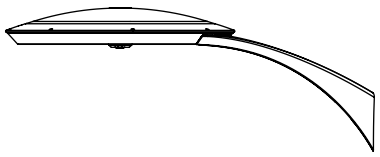
Arm Mount





Arm Mount with WaveLinx

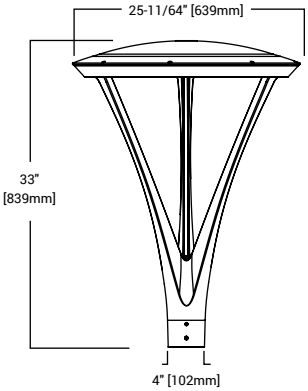




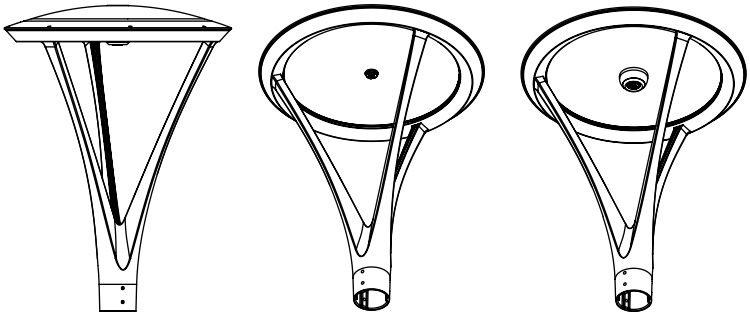
Weight: 41 lbs. [18.6 kgs.]
EPA: 1.0 Sq. Ft.

Dimensional and Mounting Details

Spider Mount

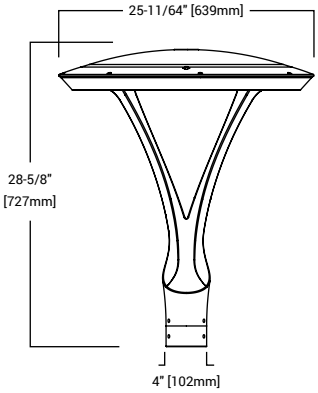


Spider Mount with WaveLinx

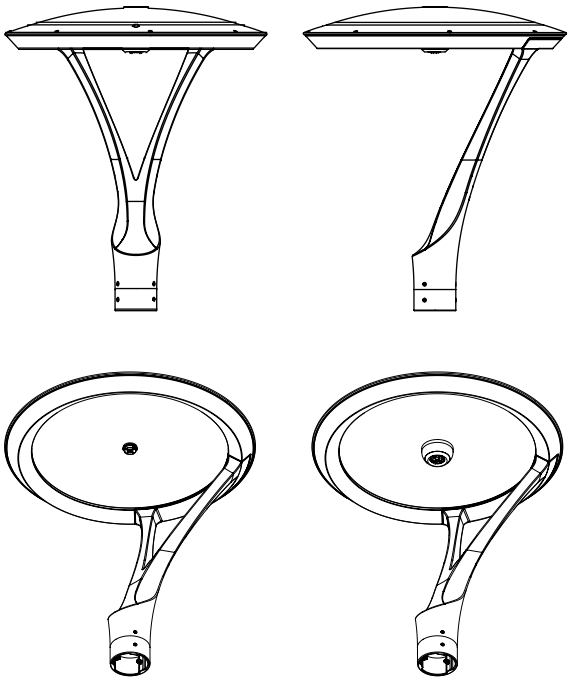


Weight: 53 lbs. [24 kgs.]
EPA: 1.6 Sq. Ft.

Cantilever Mount



Cantilever Mount with WaveLinx



Weight: 46 lbs. [20.8 kgs.]
EPA: 1.3 Sq. Ft.

Ordering Information

SAMPLE NUMBER: **LXS-VA3-LED-D1-T2-GM-S**

Product Family [1, 2]	Optic Type	Lumen Package [3]	CRI/CCT	Voltage	Distribution	Mounting	Finish
LXS= LuxeScape Collection **BAA-LXS**= LuxeScape Collection Buy American Act Compliant [34]	**VA**= Visual Comfort / WaveStream	**1**= Nominal 2,300 Lumens **2**= Nominal 4,500 Lumens **3**= Nominal 8,500 Lumens **4**= Nominal 9,500 Lumens [4]	**730**= 70 CRI / 3000K **735**= 70 CRI / 3500K **740**= 70 CRI / 4000K **830**= 80 CRI / 3000K **835**= 80 CRI / 3500K **840**= 80 CRI / 4000K **AMB**= Amber 590nm [21, 33]	**U**= 120- 277 **1**= 120 **2**= 208 **3**= 240 **4**= 277 **8**= 480 [5, 6] **9**= 347 [5]	**ASC**= Asymmetric Curbline [7] **ASW**= Asymmetric Wide [8] **AST**= Asymmetric Transverse [9] **SYM**= Symmetric Round [10]	**A**= Arm Mount **S**= Spider Mount **C**= Cantilever Mount	**AP**= Grey **BZ**= Bronze **BK**= Black **DP**= Dark Platinum **GM**= Graphite Metallic **WH**= White **RALXX**= Custom Color [11]

Options (Add as Suffix)		Accessories (Order Separately) [19, 35]
F= Single Fuse [12] **FF**= Double Fuse [13] **10MSP**= 10K MOV Surge Protective Device **20MSP**= 20kV MOV Surge Protective Device **20K**= 20kV UL 1449 Fused Surge Protective Device **DIM**= External 0-10V Dimming Leads [14] **HA**= 50°C High Ambient Temperature [15] **VS**= Vandal Shield [16] **CC**= Coastal Construction [17] **DALI**= DALI Driver [18] **BPC**= Button Type Photocontrol [19] **PR**= NEMA 3-PIN Twistlock Photocontrol Receptacle [20] **PR7**= NEMA 7-PIN Twistlock Photocontrol Receptacle [20] **PC**= Twistlock NEMA Photocontrol **LLPC**= Long Life Twistlock NEMA Photocontrol [32] **SC**= Shorting Cap	**MS-L08**= Motion Sensor for ON/OFF Operation, Up to 8' Mounting Height [21, 22, 23] **MS-L20**= Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height [21, 22, 23] **MS-L40W**= Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height [21, 22, 23] **MS/DIM-L08**= Motion Sensor for Dimming Operation, Up to 8' Mounting Height [21, 22, 23] **MS/DIM-L20**= Motion Sensor for Dimming Operation, 9' - 20' Mounting Height [21, 22, 24] **MS/DIM-L40W**= Motion Sensor for Dimming Operation, 21' - 40' Mounting Height [21, 22, 25] **DIM10**= Synapse Integrated Control Module **WLS2WH**= WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting **WLS4WH**= WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting **WPS2WH**= WaveLinx Pro, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting [26,27,36] **WPS4WH**= WaveLinx Pro, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting [26,27,36]	**FSIR-100**= Wireless Configuration Tool for Occupancy Sensor [28] **ARPA2**= 2-3/8" O.D. Tenon Sleeve Adapter [30] **VA6028-XX**= Twin Mount Arm (EPA 1.36 sq./ft.) [30, 31] **VA6029-XX**= Wall Mount Arm [30, 31] **WOLC-7P-10A**= WaveLinx Outdoor Control Module (7-PIN) [29]

NOTES:
1. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
2. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
3. Lumens are nominal. See lumen table for more information.
4. 9,500 Lumen package available only on SYM distribution
5. Requires the use of a step-down transformer.
6. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
7. IESNA Type III typical.
8. IESNA Type IV typical.
9. IESNA Type IV typical.
10. IESNA Type V typical.
11. Specify RAL number for Custom Color. Custom color matching available upon request. Consult your lighting representative at Cooper Lighting Solutions for more information.
12. Must specify voltage (120V, 277V, or 347V) to fuse the single hot leg.
13. Must specify voltage (208V, 240V, or 480V) to fuse the both hot legs.
14. Low voltage control leads brought out 18" outside fixture. Not available with control options.
15. Not available in VA3 with Type ASC, ASW and AST distributions.
16. Reduce total lumens by a 0.95 multiplier to accommodate losses.
17. Post-coating over the primary finish providing 7,000+ salt spray hours. Extended lead-times can be 4 -10 additional weeks.
18. Only available with VA3 and VA4 lumen packages.
19. Not available with MS-LXX, MS/DIM-LXX, LWR-LW, LWR-LN or 347V or 480V options.
20. Not available with MS-LXX, MS/DIM-LXX, LWR-LW, LWR-LN or 347V or 480V options.
21. Not available with HA option.
22. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult you lighting representative at Cooper Lighting Solutions for more information.
23. Approximately 22' detection diameter at 8' mounting height.
24. Approximately 40' detection diameter at 20' mounting height.
25. Approximately 100' detection diameter at 40' mounting height.
26. Cannot be used in conjunction with photocontrol or other controls systems (BPC, PR, PR7, MS).
27. NWAC Gateway required to enable field-configurability. Order WAC-POE and WPOE-120 (10V to POE injector) power supply if needed. Only compatible with WaveLinx system and software and requires system components to be installed for operation. See website for more WaveLinx application information.
28. This tool enables adjustment of parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information.
29. Requires 7-PIN NEMA twistlock photocontrol receptacle. WOLC-7P-10A cannot be used in conjunction with additional sensors or controls.
30. Not vibration rated at this time. Consult your lighting representative at Cooper Lighting Solutions for more information.
31. Replace XX with color designation.
32. Requires photocontrol receptacle PR or PR7.
33. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose Lumen Package 1. See IES files for photometric performance.
34. Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic prefe ence requirements.
35. Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
36. Not available with 5LTD option.
37. Not available with 2300 or 9500 lumen package.

ARP ORDERING INFORMATION (ALUMINUM DECORATIVE POLE)

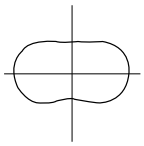
SAMPLE NUMBER: **ARP5L310ABZ2**

Product Family	Shaft Size (Inches) [1]	Wall Thickness (Inches)	Pole Top Diameter (Inches)	Mounting Height (Feet)	Base Type	Finish	Mounting Type	Number and Location of Arms	Options (Add as Suffix)
ARP= Aluminum Round Tapered Decorative **BAA-ARP**= Aluminum Round Tapered Decorative Buy American Act Compliant [36]	**5**= 5"	**L**= 0.156" **M**= 0.188"	**3**= 3" O.D. [2] **6**= 4" O.D. [3]	**10**= 10' **12**= 12' **14**= 14' **16**= 16' **18**= 18' [4] **22**= 22' [4]	**A**= Aluminum (Round 4-Bolt Pole)	**AP**= Grey **BA**= Anodized Bronze **BK**= Black **BZ**= Bronze **CA**= Anodized Clear **DA**= Anodized Black **DP**= Dark Platinum **GM**= Graphite Metallic **GN**= Hartford Green **WH**= White	**2**= 2-3/8" O.D. Tenon (4" Long) **5**= 3" O.D. Tenon (4" Long)	**X**= None	**C**= Convenience Outlet [5] **E**= GFCI Convenience Outlet [5] **G**= Ground Lug **V**= Vibration Dampener [4]

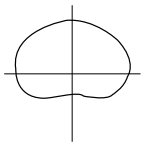
NOTES:
1. All shaft sizes nominal.
2. Provides 3" O.D. pole top suited for Arbor Post Top.
3. Provides 4" O.D. pole top suited for LuxeScape post tops.
4. Vibration damper recommended over 18 feet add suffix "V" to catalog number.
5. Specify outlet location. Receptacle not included, provision only.

Optical Distributions

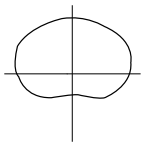
(Arm mount shown, distribution dependent on mounting)



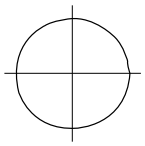
ASC
(Type III typical)



ASW
(Type IV typical)



AST
(Type IV typical)



SYM
(Type V typical)

Product Specifications

Construction

- Die-cast aluminum construction is highly durable and corrosion resistant
- ANSI C136.31 testing compliance prevents damage from installation generated vibration.
- External hardware and casting seams are minimized to enhance appearance.

Optics

- WaveStream™ LED optical system employs waveguide technology to reduce glare and create distributions ideal for pedestrian applications
- Symmetric and asymmetric distributions available
- Standard offering is 4000K CCT with 70CRI. Other CCT and CRI options are available including turtle-safe 590nm amber.

Electrical

- 0-10V dimming compatibility is standard.
- A 10kV surge protector, wired in series, is standard. Other options include 20kV modules and parallel or series configurations.
- Photocontrol receptacles and button photocell options are available

Controls

- Enable energy savings and meet code requirements by including WaveLinx connectivity in LuxeScape fixtures.
- The ANSI C136.41 compliant NEMA 7-PIN receptacle enables wireless dimming when used with compatible photocontrol.
- See control options page for more details.

Mounting

- Invue's aluminum round decorative pole (ARP) offering provides a seamless transition and compliments the contemporary design architecture with its unique sleek taper and base design.
- The tenon mount pole comes standard with an access door feature integrated into the base.
- ARM MOUNT: The integrated aluminum contemporary upsweep arm bolts directly to a 4" or 5" round pole using an "N" drill pattern.
- SPIDER & CANTILEVER MOUNT: Fitter assembly mounts over 3" O.D. tenon and can be adapted to a 2-3/8" tenon. It is secured via concealed, corrosion resistant set screw and jam screw pairs in six inconspicuous locations. Fitter design provides seamless transition to 4" O.D. round pole top
- Optional mounting accessories include a twin arm mount and wall mount arm.

Finish

- Premium TGIC based polyester powder coatings provides long service life.
- Finish is compliant to 3,000 hour salt spray standard (per ASTM B117).
- RAL and custom color matches available, additional charges and lead-time apply.

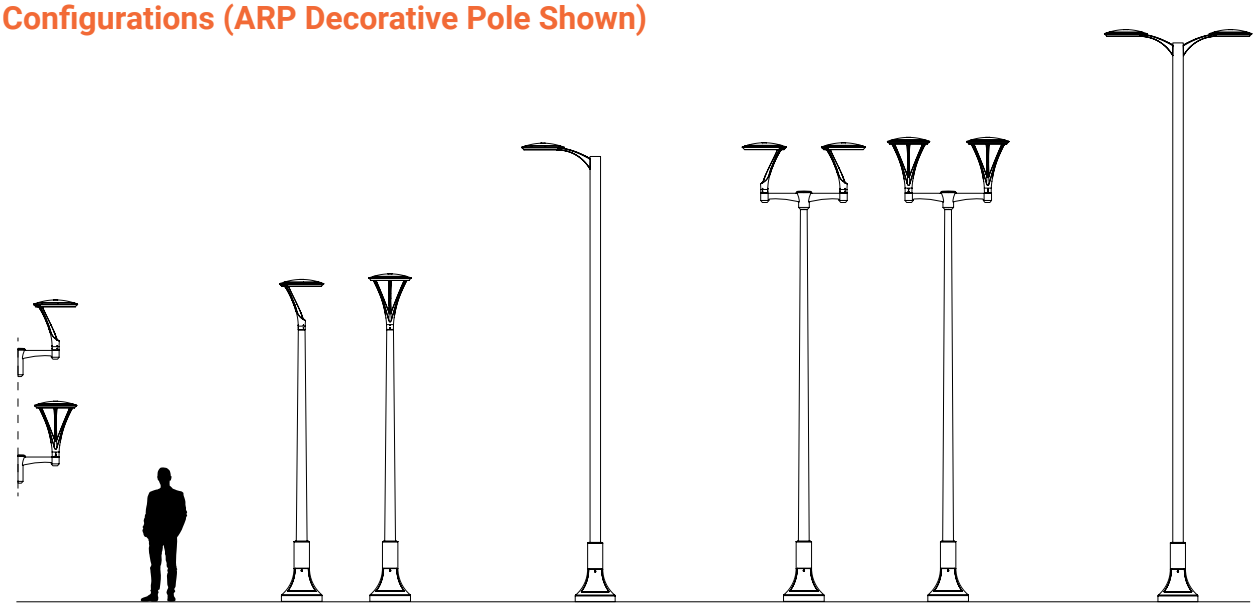
Compliance

- cULus certified for -40° to 40°C ambient environments, with high ambient options suitable up to 50°C.
- IP66 rated
- 3G vibration rated
- DarkSky approved for 3000K CCT and warmer
- Refer to DOMESTIC PREFERENCES website for information regarding Buy American Act requirements

Warranty

- Five year limited warranty, consult website for details. www.cooperlighting.com/legal

Pole Configurations (ARP Decorative Pole Shown)



Wall Mount Arm
8-10 ft. Mounting heights
(Spider/Cantilever mount only)

Single Post Top
10-18 ft. Mounting heights
(Spider/Cantilever mount only)

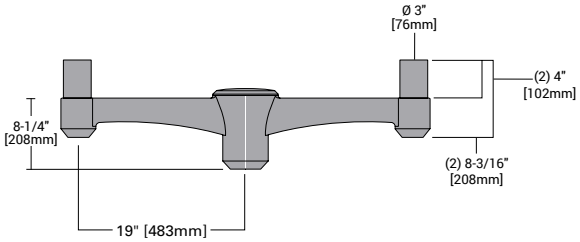
Single Mount Arm
18-22 ft. Mounting heights

Twin Mount Arm
18-22 ft. Mounting heights
(Spider/Cantilever mount only)

Twin Mount Arm
18-25 ft. Mounting heights

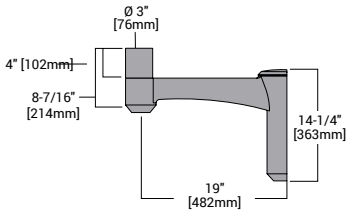
Mounting Configurations

Twin Mount Arm

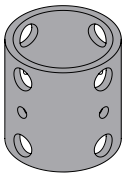


Twin Mount Arm: VA6028-XX
Weight: 18.2 lbs. [8.3 kg]
EPA: 1.36 Sq. Ft.

Wall Mount Arm



Wall Mount Arm: VA6029-XX
Weight: 8.9 lbs. [4.0 kg.]



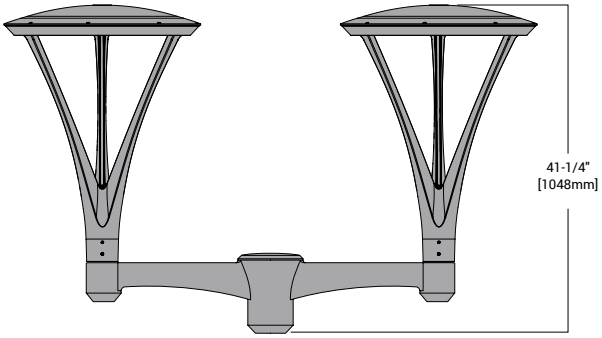
ARP2*

Mounting Requirements Chart

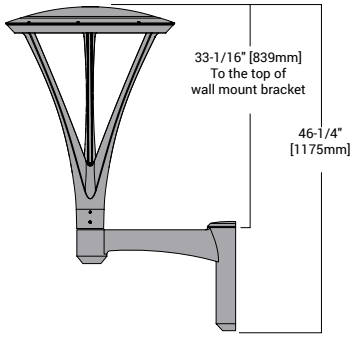
Pole Top O.D. (Inches)	4"	
Tenon O.D. (Inches)	2-3/8" Tenon	3" Tenon
Post Top	ARPA2*	Standard
Twin Mount Arm	ARPA2*	Standard

* Required for stability. Order separately.

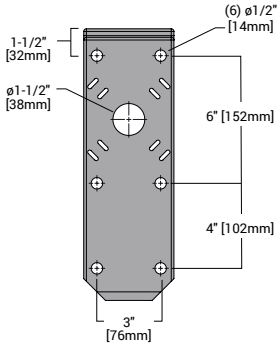
Twin Mount Arm
Shown with Spider mount



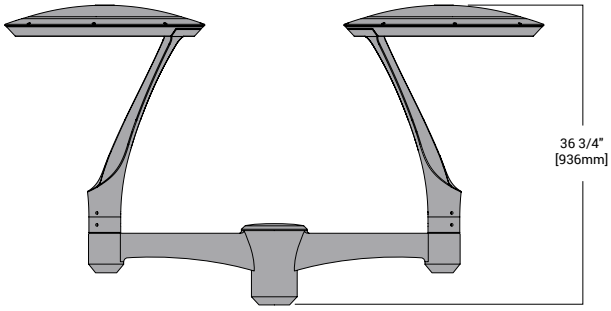
Wall Mount Arm
Shown with Spider mount



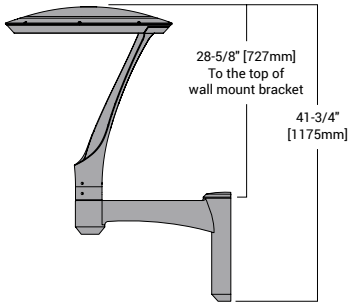
Wall Mount Arm Drill Pattern



Twin Mount Arm
Shown with Cantilever mount



Wall Mount Arm
Shown with Cantilever mount



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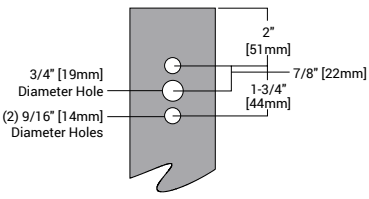

Energy and Performance Data

Lumen Maintenance

Ambient Temperature	25,000 hours*	50,000 hours*	60,000 hours*	100,000 hours**	Theoretical L70 (Hours)**
25°C	0.944	0.904	0.89	0.83	>199,000
40°C	0.946	0.909	0.894	0.839	>212,000
50°C	0.918	0.87	0.852	0.782	>151,000

* Supported by IES TM-21 standards
** Theoretical values represent estimations commonly used; however, refer to the IES position on LED Product Lifetime Prediction, IES PS-10-18, that explains proper use of IES TM-21 and LM-80.

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1
40°C	0.99
50°C	0.97

Minimum Ambient Temperature

Lumen Package	Temperature
VA1	-40°C
VA2	-35°C
VA3	-35°C
VA4	-40°C
All DALI powered lumen packages	-20°C

Optical Distributions

View IES files

Power and Lumens

Lumen Package				VA1	VA2	VA3	VA4
Drive Current							
Power Wattage (Watts)*				24W	48W	96W	99W
Input Current (mA) @ 120V				200	400	800	830
Input Current (mA) @ 277V				90	180	350	360
Power Wattage (Watts)*				28W	55W	114W	108W
Input Current (mA) @ 347V				79	161	325	328
Input Current (mA) @ 480V				58	117	235	237
CRI/CCT (Nominal)	**Mounting**	**Distribution**					
730: 70CRI/3000K	**A: Arm**	**ASC: Asymmetric Curbline**	Lumens	1,949	3,740	6,730	--
			Lumens per Watt	81.2	77.9	68.0	--
			BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	--
			IESNA Type	III	III	III	--
		ASW: Asymmetric Wide	Lumens	2,323	4,458	8,022	--
			Lumens per Watt	96.8	92.9	81.0	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		AST: Asymmetric Transverse	Lumens	2,400	4,607	8,291	--
			Lumens per Watt	100.0	96.0	83.7	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		SYM: Symmetric Round	Lumens	2,485	4,958	9,111	10,571
			Lumens per Watt	118.3	120.9	105.9	110.1
			BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G3
			IESNA Type	V	V	V	V
	S: Spider Mount	**ASC: Asymmetric Curbline**	Lumens	1,780	3,417	6,148	--
			Lumens per Watt	74.2	71.2	62.1	--
			BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	--
			IESNA Type	III	III	III	--
		ASW: Asymmetric Wide	Lumens	2,097	4,024	7,242	--
			Lumens per Watt	87.4	83.8	73.2	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	--
			IESNA Type	IV	IV	IV	--
		AST: Asymmetric Transverse	Lumens	2,198	4,218	7,590	--
			Lumens per Watt	91.6	87.9	76.7	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		SYM: Symmetric Round	Lumens	2,305	4,600	8,452	9,807
			Lumens per Watt	109.8	112.2	98.3	102.2
			BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G3
			IESNA Type	V	V	V	V

Optical Distributions

View IES files

Power and Lumens

Lumen Package				VA1	VA2	VA3	VA4
CRI/CCT (Nominal)	Mounting	Distribution					
730: 70CRI/3000K	C: Cantilever Mount	ASC: Asymmetric Curbline	Lumens	1,857	3,564	6,414	--
			Lumens per Watt	77.4	74.3	64.8	--
			BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	--
			IESNA Type	III	III	III	--
		ASW: Asymmetric Wide	Lumens	2,213	4,248	7,645	--
			Lumens per Watt	92.2	88.5	77.2	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		AST: Asymmetric Transverse	Lumens	2,324	4,460	8,025	--
			Lumens per Watt	96.8	92.9	81.1	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		SYM: Symmetric Round	Lumens	2,342	4,674	8,588	9,965
			Lumens per Watt	111.5	114.0	99.9	103.8
			BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G3
			IESNA Type	V	V	V	V
740: 70CRI/4000K	A: Arm	ASC: Asymmetric Curbline	Lumens	2,105	4,040	7,270	--
			Lumens per Watt	87.7	84.2	73.4	--
			BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	--
			IESNA Type	III	III	III	--
		ASW: Asymmetric Wide	Lumens	2,509	4,816	8,666	--
			Lumens per Watt	104.5	100.3	87.5	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		AST: Asymmetric Transverse	Lumens	2,593	4,977	8,956	--
			Lumens per Watt	108.0	103.7	90.5	--
			BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		SYM: Symmetric Round	Lumens	2,684	5,356	9,842	11,420
			Lumens per Watt	127.8	130.6	114.4	119.0
			BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G3	B4-U0-G3
			IESNA Type	V	V	V	V

Optical Distributions

View IES files

Power and Lumens

Lumen Package				VA1	VA2	VA3	VA4
CRI/CCT (Nominal)	**Mounting**	**Distribution**					
740: 70CRI/4000K	**S: Spider Mount**	**ASC: Asymmetric Curbline**	Lumens	1,923	3,691	6,642	--
			Lumens per Watt	80.1	76.9	67.1	--
			BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	--
			IESNA Type	III	III	III	--
		ASW: Asymmetric Wide	Lumens	2,265	4,347	7,823	--
			Lumens per Watt	94.4	90.6	79.0	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	--
			IESNA Type	IV	IV	IV	--
		AST: Asymmetric Transverse	Lumens	2,374	4,557	8,200	--
			Lumens per Watt	98.9	94.9	82.8	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		SYM: Symmetric Round	Lumens	2,490	4,969	9,131	10,595
			Lumens per Watt	118.6	121.2	106.2	110.4
			BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G3	B4-U0-G3
			IESNA Type	V	V	V	V
	C: Cantilever Mount	**ASC: Asymmetric Curbline**	Lumens	2,006	3,850	6,929	--
			Lumens per Watt	83.6	80.2	70.0	--
			BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	--
			IESNA Type	III	III	III	--
		ASW: Asymmetric Wide	Lumens	2,391	4,589	8,258	--
			Lumens per Watt	99.6	95.6	83.4	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		AST: Asymmetric Transverse	Lumens	2,510	4,818	8,669	--
			Lumens per Watt	104.6	100.4	87.6	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		SYM: Symmetric Round	Lumens	2,530	5,049	9,277	10,765
			Lumens per Watt	120.5	123.1	107.9	112.1
			BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G3	B4-U0-G3
			IESNA Type	V	V	V	V

Optical Distributions

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Power and Lumens

Lumen Package				VA1	VA2	VA3	VA4
CRI/CCT (Nominal)	**Mounting**	**Distribution**					
830: 80CRI/3000K	**A: Arm**	**ASC: Asymmetric Curbline**	Lumens	1,758	3,374	6,072	--
			Lumens per Watt	73.2	70.3	61.3	--
			BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	--
			IESNA Type	III	III	III	--
		ASW: Asymmetric Wide	Lumens	2,096	4,022	7,238	--
			Lumens per Watt	87.3	83.8	73.1	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	--
			IESNA Type	IV	IV	IV	--
		AST: Asymmetric Transverse	Lumens	2,166	4,157	7,480	--
			Lumens per Watt	90.2	86.6	75.6	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		SYM: Symmetric Round	Lumens	2,242	4,473	8,220	9,538
			Lumens per Watt	106.8	109.1	95.6	99.4
			BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2
			IESNA Type	V	V	V	V
	S: Spider Mount	**ASC: Asymmetric Curbline**	Lumens	1,606	3,083	5,547	--
			Lumens per Watt	66.9	64.2	56.0	--
			BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	--
			IESNA Type	III	III	III	--
		ASW: Asymmetric Wide	Lumens	1,892	3,631	6,534	--
			Lumens per Watt	78.8	75.6	66.0	--
			BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	--
			IESNA Type	IV	IV	IV	--
		AST: Asymmetric Transverse	Lumens	1,983	3,806	6,848	--
			Lumens per Watt	82.6	79.3	69.2	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		SYM: Symmetric Round	Lumens	2,080	4,150	7,626	8,849
			Lumens per Watt	99.0	101.2	88.7	92.2
			BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G3
			IESNA Type	V	V	V	V

Optical Distributions

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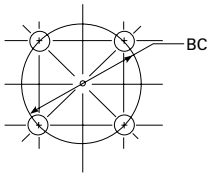
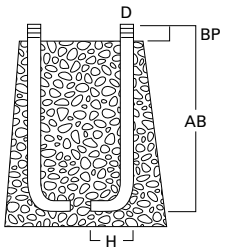
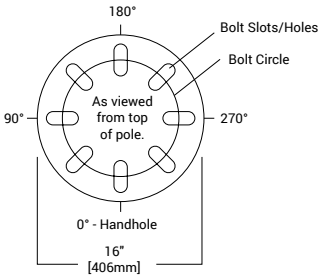
Power and Lumens

Lumen Package				VA1	VA2	VA3	VA4
CRI/CCT (Nominal)	**Mounting**	**Distribution**					
830: 80CRI/3000K	**A: Arm**	**ASC: Asymmetric Curbline**	Lumens	1,675	3,216	5,787	--
			Lumens per Watt	69.8	67.0	58.5	--
			BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	--
			IESNA Type	III	III	III	--
		ASW: Asymmetric Wide	Lumens	1,997	3,833	6,897	--
			Lumens per Watt	83.2	79.9	69.7	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	--
			IESNA Type	IV	IV	IV	--
		AST: Asymmetric Transverse	Lumens	2,096	4,024	7,241	--
			Lumens per Watt	87.3	83.8	73.1	--
			BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	--
			IESNA Type	IV	IV	IV	--
		SYM: Symmetric Round	Lumens	2,113	4,217	7,748	8,991
			Lumens per Watt	100.6	102.9	90.1	93.7
			BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G3
			IESNA Type	V	V	V	V

Anchorage Data

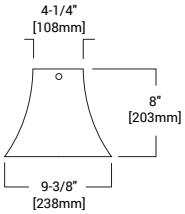






Anchor Base Detail

Access Door



Tenon O.D. (Inches)	Anchor Bolt and Template Package	Shaft Diameter (inches)	Bolt Circle (inches)	Number of Bolts	Bolt Size (inches)	Template Only
Aluminum Round Decorative Pole (ARP)	317AVE30	4 x 5	9	4	3/4 x 17	407040D

Effective Projected Area (At Pole Top)

Mounting Height (Feet)	Catalog Number	Wall Thickness (Inches)	Bolt Circle Diameter (Inches)	Anchor Bolt Projection (Inches)	Shaft Taper (Inches)	Anchor Bolt Diameter x Length x Hook (Inches)	Net Weight (Pounds)	Maximum Effective Projected Area (Square Feet) (1.3 gust factor)			Max. Load (Pounds)
MH			BC	BP	B	AB[1]		80 mph	90 mph	100 mph	
10	ARP5L310A	0.156	9.0	3.5	5 X 3	3/4 X 17 X 3	57	20.0	17.5	14.1	120
10	ARP5L610A	0.156	9.0	3.5	5 X 4	3/4 X 17 X 3	57	17.0	13.3	10.7	120
12	ARP5L312A	0.156	9.0	3.5	5 X 3	3/4 X 17 X 3	62	18.2	14.1	11.2	120
12	ARP5L612A	0.156	9.0	3.5	5 X 4	3/4 X 17 X 3	62	14.1	10.9	8.7	120
14	ARP5L314A	0.156	9.0	3.5	5 X 3	3/4 X 17 X 3	67	14.8	11.4	9.0	120
14	ARP5L614A	0.156	9.0	3.5	5 X 4	3/4 X 17 X 3	67	11.7	9.0	7.1	120
16	ARP5L316A	0.156	9.0	3.5	5 X 3	3/4 X 17 X 3	72	12.0	9.1	7.0	120
16	ARP5L616A	0.156	9.0	3.5	5 X 4	3/4 X 17 X 3	72	9.4	7.1	5.6	120
18	ARP5L318A	0.156	9.0	3.5	5 X 3	3/4 X 17 X 3	77	9.5	7.1	5.4	120
18	ARP5L618A	0.156	9.0	3.5	5 X 4	3/4 X 17 X 3	77	7.6	5.6	4.3	120
18	ARP5M618A	0.188	9.0	3.5	5 X 4	3/4 X 17 X 3	83	9.5	7.1	5.6	120

Effective Projected Area (18" Above Pole Top)

Mounting Height (Feet)	Catalog Number	Wall Thickness (Inches)	Bolt Circle Diameter (Inches)	Anchor Bolt Projection (Inches)	Shaft Taper (Inches)	Anchor Bolt Diameter x Length x Hook (Inches)	Net Weight (Pounds)	Maximum Effective Projected Area (Square Feet) (1.3 gust factor)			Max. Load (Pounds)
MH			BC	BP	B	AB[1]		80 mph	90 mph	100 mph	
10	ARP5L310A	0.156	9.0	3.5	5 X 3	3/4 X 17 X 3	57	19.6	15.3	12.3	120
10	ARP5L610A	0.156	9.0	3.5	5 X 4	3/4 X 17 X 3	57	17.0	13.3	10.7	120
12	ARP5L312A	0.156	9.0	3.5	5 X 3	3/4 X 17 X 3	62	16.1	12.5	9.9	120
12	ARP5L612A	0.156	9.0	3.5	5 X 4	3/4 X 17 X 3	62	14.1	10.9	8.7	120
14	ARP5L314A	0.156	9.0	3.5	5 X 3	3/4 X 17 X 3	67	13.2	10.1	8.0	120
14	ARP5L614A	0.156	9.0	3.5	5 X 4	3/4 X 17 X 3	67	11.7	9.0	7.1	120
16	ARP5L316A	0.156	9.0	3.5	5 X 3	3/4 X 17 X 3	72	10.6	8.0	6.2	120
16	ARP5L616A	0.156	9.0	3.5	5 X 4	3/4 X 17 X 3	72	9.4	7.1	5.6	120
18	ARP5L318A	0.156	9.0	3.5	5 X 3	3/4 X 17 X 3	77	8.5	6.4	4.8	120
18	ARP5L618A	0.156	9.0	3.5	5 X 4	3/4 X 17 X 3	77	7.6	5.6	4.3	120
18	ARP5M618A	0.188	9.0	3.5	5 X 4	3/4 X 17 X 3	83	9.5	7.1	5.6	120

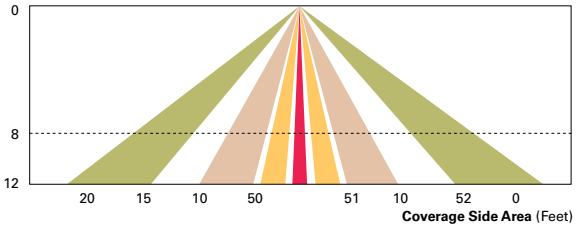
Control Options

0-10V: 0-10V (D) The dimming option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

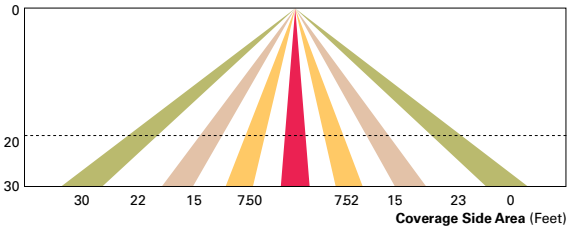
Photocontrol (PER and PER7): Photocontrol receptacles provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

Dimming Occupancy Sensor (MS): These sensors are factory installed in the luminaire housing. When a sensor for dimming operation (/DIM) option is selected, the luminaire will dim down to approximately 50 percent power after five minutes of no activity detected. When activity is detected, the luminaire returns to full light output. When a sensor for ON/OFF operation is selected, the luminaire will turn off after five minutes of no activity. These occupancy sensors include an integral photocell that can be activated or inactivated with the programming remote / configuration tool for "dusk-to-dawn" control or "daylight harvesting". Note: For MS sensors, the factory preset is OFF (Disabled). The programming remote / tool is a wireless tool that can be utilized to change the dimming level, time delay, sensitivity and other parameters. A variety of sensor lenses are available to optimize the coverage pattern for mounting heights from 8'-40'.

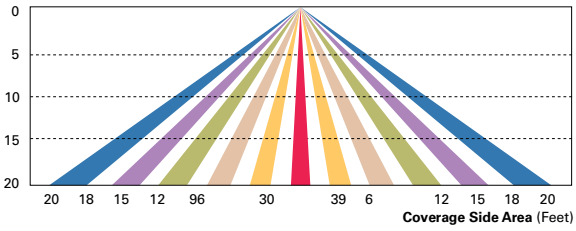
For mounting heights up to 8' (-L12)



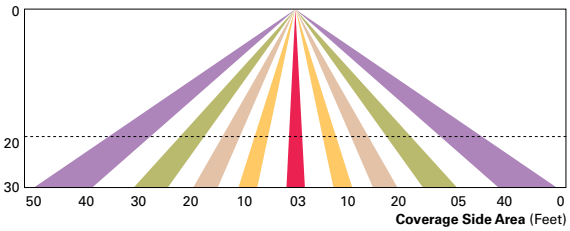
For mounting heights from 12' to 30' (-L30)



For mounting heights from 9' to 20' (-L20)



For mounting heights from 21' to 40' (-L40W)



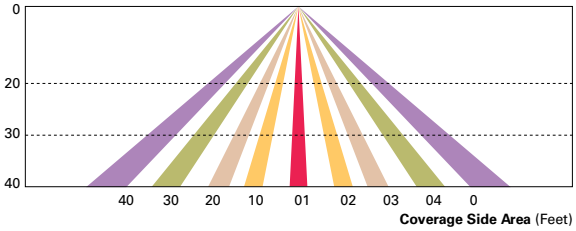
WaveLinx Wireless Control and Monitoring System

Available in 7-PIN or 4-PIN configurations, the WaveLinx Outdoor control platform operates on a wireless mesh network based on IEEE 802.15.4 standards enabling wireless control of outdoor lighting. Use the WaveLinx Mobile application for set-up and configuration. At least one Wireless Area Controller (WAC) is required for full functionality and remote communication (including adjustment of any factory pre-sets).

WaveLinx Outdoor Control Module (WOLC-7P-10A) A photocontrol that enables astronomic or time-based schedules to provide ON, OFF and dimming control of fixtures utilizing a 7-PIN receptacle. The out-of-box functionality is ON at dusk and OFF at dawn.

WaveLinx Wireless Sensor (WPS2 and WPS4) These outdoor sensors offer passive infrared (PIR) occupancy and a photocell for closed loop daylight sensing. These sensors are factory preset to dim down to approximately 50 percent power after 15 minutes of no activity detected. These occupancy sensors include an integral photocell for "dusk-to-dawn" control or daylight harvesting that is factory-enabled. A variety of sensor lenses are available to optimize the coverage pattern for mounting heights from 7'-40'.

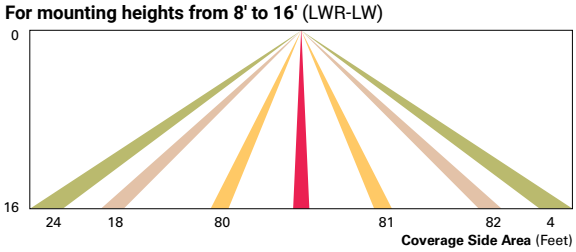
For mounting heights from 16' to 40' (WPS)



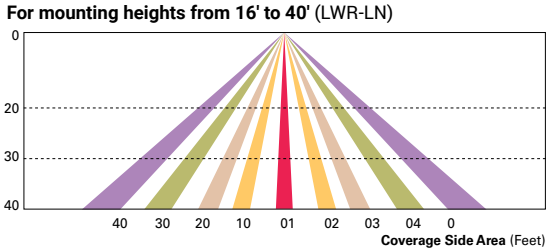
Enlighted Wireless Control and Monitoring System (LWR-LW and LWR-LN)

Enlighted is a connected lighting solution that combines LED luminaires with an integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of other resources beyond lighting.

For mounting heights from 8' to 16' (LWR-LW)



For mounting heights from 16' to 40' (LWR-LN)



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