



The City of OKLAHOMA CITY

CERTIFICATE OF APPROVAL DOWNTOWN DESIGN DISTRICT DTCA-24-00022 **REVISION #1**

Applicant:

Tim Zujac
ADG Blatt
920 W Main Street
Oklahoma City, OK 73106

Owner:

Dr. Salman Zubair
Shah 2 LLC
5632 Pulchella Dr
Oklahoma City, OK 73142

On 10-24-2024, the Planning Department staff received your application for a revision to the original Certificate of Approval. In accordance with §59-7200 of the Oklahoma City Municipal Code, also known as the Downtown Zoning Ordinance, staff of the Oklahoma City Planning Department has reviewed in detail the revision for **820 NW 9th Street**. Staff has determined that the following is in conformance with the provisions of the Ordinance:

Revision #1:

- 1) Reduce/reconfigure light poles;**
- 2) Install lighted bollards instead of light poles at east edge of parking lot adjacent to structure; and**
- 3) Reconfigure landscape islands and parking spaces at east end of parking lot.**

Note: All items are elective unless construction is started.

All thirteen (13) attachments must remain together for this document to be valid. Work must be completed within two years of the date of the original approval and must be performed exactly as shown on approved plans. Please attach this document to the original Certificate of Approval set.

Approved:
10/28/2024

Effective:
11/13/2024

Expires:
10/28/2026

Note: Work may not commence until after the mandatory 10-working day appeal period starting from the date of approval.

*Your project may require a **permit**. Please check with the **Plan Review** section of the Development Services Department, 8th Floor, 420 W Main St (405-297-2525), for details. To obtain a permit, please submit the Certificate of Approval with the original attachments stamped "approved."*

Certificate of Approval
Downtown Design Commission
DTCA-24-00022
Page 2 of 2

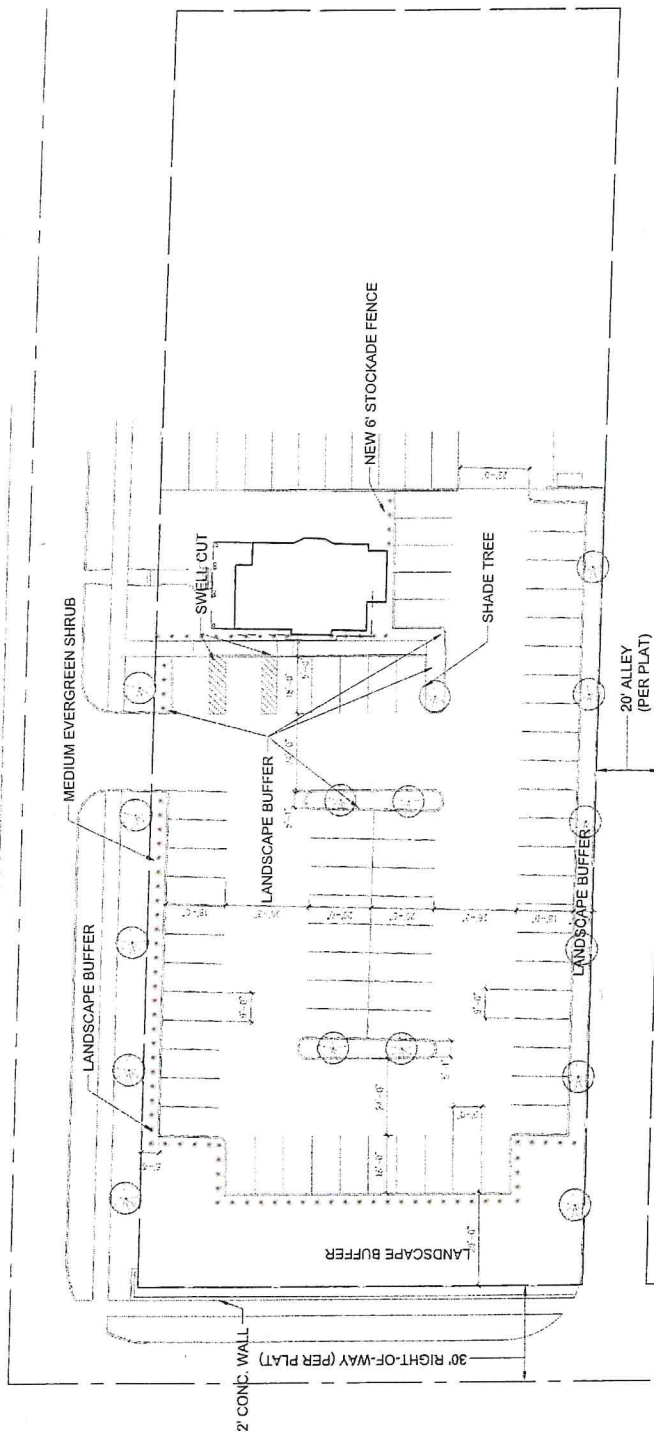
Upon completion of your project, please contact the Planning Department (405-297-1624) for final Special Zoning inspection.

Attest:



Laura Griggs, AICP, Senior Planner
Secretary, Downtown Design Commission

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1 SITE PLAN
SCALE: 1/32" = 1'-0"



9th. + N. Francis Parking Lot
9th Street Oklahoma City, OK
SITE PLAN

DESIGN REVIEW	
CERTIFICATE OF APPROVAL	
CA#	<u>DTC# -24-00022</u>
Approval Date:	<u>04 / 29 / 2024</u>
Expiration Date:	<u>04 / 29 / 2026</u>
Revised Date:	<u>10 / 28 / 2024</u>
Items:	Approved By: <u>JD</u>
With:	Condition(s) / Variance
Page	<u>1</u> of <u>13</u>



REVISIONS

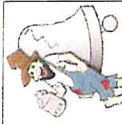
Drawn by: S. Partha
Date: 10/2/2024
Scale: N.T.S
Sheet Title: Sd. Phd. m. s. s. s.
Sheet No.: 1

*RENDERINGS ARE BASED OFF THE HIGHEST FOOTCANDLE VALUE TO THE LOWEST



Appendix 5 Check for						
Material	Qty	Label	Assignment	Description	Unit	Unit Price
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Page 2 of 13



Bill & Melody
780 N. Shadel, Suite 200
Oklahoma City, OK

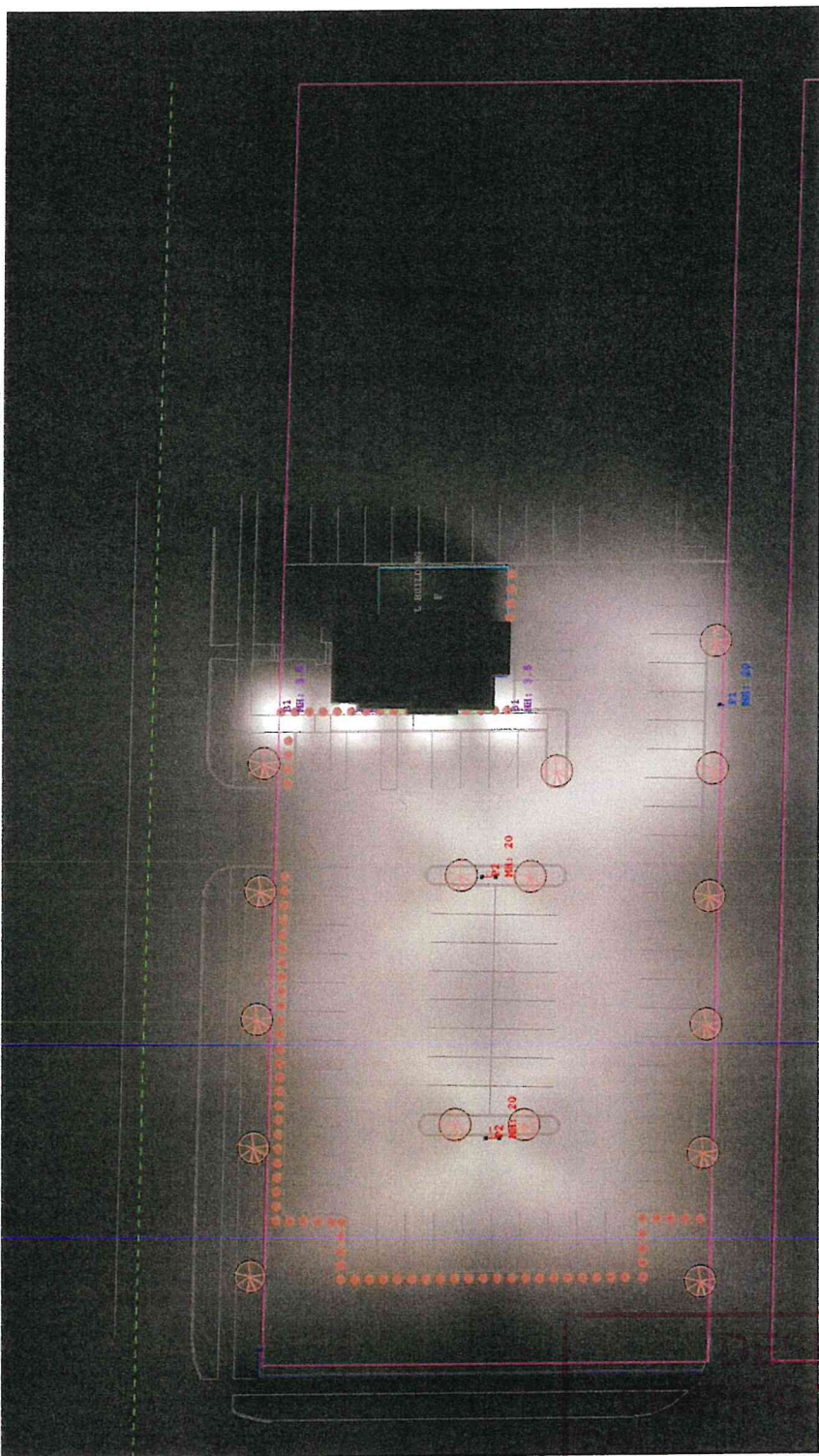
820 NW 9TH STREET, OKC
LSI VELOCITY

REVISIONS:

DATE: 04/29/2024
BY: [Signature]
SHEET NO: 2

- GENERAL NOTES:
1. NOT FOR CONSTRUCTION PURPOSES.
 2. ALL CALCULATIONS CONTAIN AN ERROR FACTOR OF +/- 10%.
 3. CALCULATION POINT SPACING IS 10' x 10'.
 4. ALL CALCULATIONS ARE IN FOOTCANDLE MEASUREMENTS.
 5. UNLESS OTHERWISE NOTED - ALL REFLECTANCE VALUES ARE CALCULATED USING THE DEFAULT VALUES OF: PARKING LOT = .2, WALLS = .2, CEILING = .2
 6. FIXTURE MOUNTING HEIGHT: NOTED ON PLAN

*RENDERINGS ARE BASED OFF THE HIGHEST FOOTCANDLE VALUE TO THE LOWEST



Calculation Summary									
Property Name	820 NW 9TH STREET, OKC	Lot Area	10,000	Perimeter	1,000	Calculation Points	100	Calculation Area	10,000
Property Address	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
Site Name	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
Site Address	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
Site Name	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
Site Address	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
Site Name	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
Site Address	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
Site Name	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000

Calculation Summary									
Property Name	820 NW 9TH STREET, OKC	Lot Area	10,000	Perimeter	1,000	Calculation Points	100	Calculation Area	10,000
Property Address	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
Site Name	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
Site Address	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
Site Name	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
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Site Name	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
Site Address	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000
Site Name	820 NW 9TH STREET, OKC	Lot Width	100	Lot Depth	100	Calculation Points	100	Calculation Area	10,000

IGN REVIEW
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DKA-24-00022

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Items: Approved By: [Signature]

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Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

Mirada Bollard (MRB)

Low Level Lighting

**IP66**

OVERVIEW

Lumen Package	1,000 - 3,000
Wattage Range	23 - 38
Efficacy Range (LPW)	72 - 84
Weight lbs (kg)	40 (18)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Precision 2pc die-cast aluminum head maintains durability and consistency while providing vandal resistance, effective heat dissipation, and superior aesthetics.
- 8-5/8" OD one-piece extruded aluminum heavy wall .322 inch thick seamless shaft. Various heights are available in 6" increments starting at a minimum of 26" (maximum height is 62").
- Lower housing attaches to cast aluminum universal base plate with four stainless steel roll pins. Accommodates 4.5" - 6" bolt circles.
- Optional roughneck zinc plated steel base plate (.375" thick) with welded U shaped reinforcement. 3/8" diameter 302 stainless steel roll pins with 10,000 lb. shear load.
- IP66 rated Optical and Driver compartment protects integral components from harsh environments.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Luminaire is proudly manufactured in the U.S. of U.S. and imported parts.
- Shipping weight: 40 lbs in carton.

Optical System

- Available in two optical distributions, symmetrical and asymmetrical.
- High transmission clear flat acrylic lens seals the luminaire's optical chamber to IP66.
- Available in 5000K, 4000K, 3000K, and 2700K color temperatures per ANSI

C78.377. Also available in Phosphor Converted Amber. Consult Factory for other color temperature requirements.

- Minimum CRI of 70.

Electrical

- High-performance programmable driver features over-voltage, under-voltage, short-circuit and over temperature protection. Custom lumen and wattage packages available.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz. Optional High Voltage 347-480 Vac Input available.
- L91 Calculated Life: >100k Hours calculated @ 25°C per IESNA TM-21-11.
- Total harmonic distortion: <20%.
- Operating temperature: -40°C to +50°C (-40°F to +122°F); Cold-weather emergency battery backup rated for -20°C minimum ambient.
- Power factor: >.90.
- Input power stays constant over life.
- High-efficacy LEDs with integrated circuit board mount to the housing to maximize heat dissipation and promote long life.
- Driver components are fully encased in potting long material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.
- Electrical components are mounted on a removable power tray.
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

- Optional 120v-277v integral emergency battery pack is available. The 90- minute batteries provide constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance.

Installation

- Easy leveling even in uneven areas and full 360-degree rotation for precise alignment during installation.
- Base plate installs with four heavy-duty 3/8" x 10" galvanized steel anchor bolts.
- Base plate attaches to lower extruded housing via four stainless steel roll pins.

Warranty

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

Listings

- Listings
- Listed to UL 1598 and UL 8750.
- RoHS Compliant.
- Meets Buy American Act requirements.
- Suitable for wet locations.
- IP66 rated Driver compartment and IP66 rated optical chamber per IEC 60598.
- IDA compliant; with 3000K or 2700K color temperature selection.



LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 • www.lsiinc.com
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DESIGN REVIEW

CERTIFICATE OF APPROVAL

CA# DTC4-24-00022Approval Date: 04 / 29 / 2024Expiration Date: 04 / 29 / 2026Revised Date: 10 / 28 / 2024Items: _____ Approved By: DC

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Type: _____

Mirada Bollard MRB**ORDERING GUIDE**[Back to Quick Links](#)

TYPICAL ORDER EXAMPLE:

MRB LED 25L ACR S UNV DIM 40 PCI120 BLK

Prefix	Technology	Lumen Package	Lens	Distribution	Voltage	Driver	Color Temp	CRI	Controls	Battery Backup	Finish	Options
MRB - Mirada Bollard	LED	25L - 2,500 lm 30L - 3,000 lm Custom Lumen Packages ⁵	ACR - Acrylic	A - Asymmetric S - Symmetric	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	DIM - 0-10V Dimming (10-100%)	50 - 5,000K 40 - 4,000K 30 - 3,000K 27 - 2,700K ¹ AMB - Phosphor Converted Amber ¹	(Blank) - 70CRI	Button Type Photocells PCI120 - 120V PCI208-277 - 208-277V PCI347 - 347V	BB - Battery Backup CWBB - Cold Weather Battery Backup	BLK - Black BRZ - Bronze GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	H - XX (Specify Height) ² GFR - GFI Duplex Receptacle LAB - Less Anchor Bolts RN - Roughneck Heavy Duty Mtg Plate

Accessory Ordering Information

Description	Part Number
HSS - House Side Shield	699105
Galvanized anchor Bolt kit	285560

FOOTNOTES:

- 1 - Consult Factory for availability.
- 2 - Standard height is 44". Non Standard heights are available in 6" increments. Minimum height is 26", 32" with battery backup option. Maximum height is 62".
- 3 - Accessories are shipped separately and field installed.
- 4 - Not available in HV Voltage.
- 5 - Custom lumen and wattage packages available consult factory. Values are within industry standard tolerances but not DLC listed.

PERFORMANCE[Back to Quick Links](#)

DELIVERED LUMENS*													
Lumen Package	Distribution	CRI	AMB CCT		2700K CCT		3000K CCT		4000K CCT		5000K CCT		Wattage
			Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
25L	S	70	1713	56	2242	74	2156	71	2487	82	2485	81	30.5
30L			2110	55	2761	72	2655	69	3063	80	3061	80	38.4
25L	A		1327	58	1736	76	1670	73	1926	84	1925	84	23.0
30L			1634	56	2138	74	2056	71	2372	82	2370	81	29.1

*LED Chips are frequently updated therefore values are nominal.

ELECTRICAL DATA (Amps)*							
Lumen Package	Distribution	120V	208V	240V	277V	347V	480V
25L	S	0.25	0.15	0.13	0.11	0.09	0.06
30L	S	0.32	0.18	0.16	0.14	0.11	0.08
25L	A	0.19	0.11	0.10	0.08	0.07	0.05
30L	A	0.24	0.14	0.12	0.10	0.08	0.06

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

Recommended Lumen Maintenance ¹					
AMBIENT TEMP C	INITIAL ²	25K HR ²	50K HR ²	75K HR ³	100K HR ³
0 C	100%	98%	95%	93%	90%
10 C	100%	98%	95%	93%	90%
20 C	100%	98%	95%	93%	91%
25 C	100%	98%	96%	93%	91%
30 C	99%	96%	93%	91%	88%
40 C	99%	95%	91%	88%	85%
50 C	99%	94%	89%	84%	80%

- 1- Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing.
- 2- 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.
- 3- 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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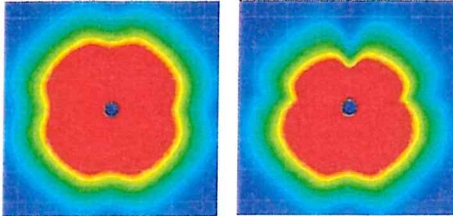
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PHOTOMETRICS

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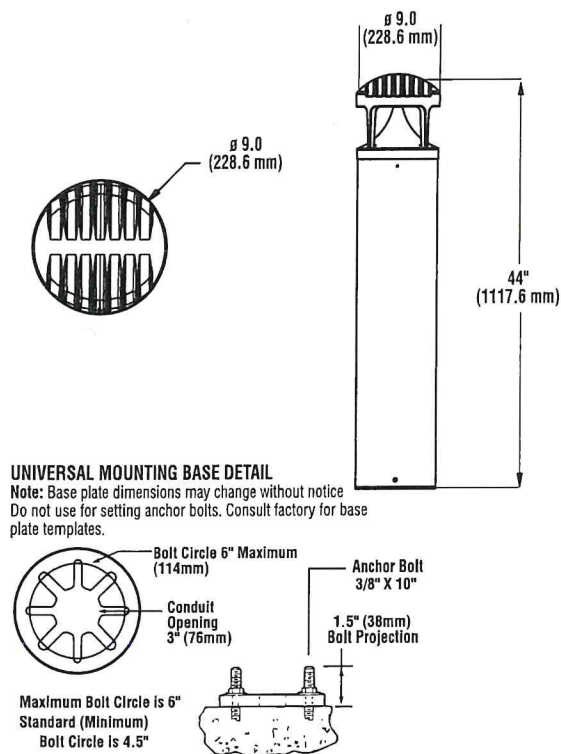
Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.



Symmetric

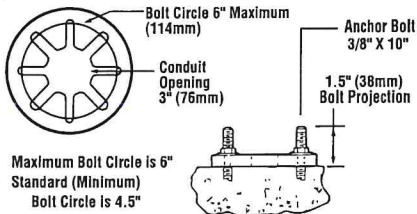
Asymmetric

PRODUCT DIMENSIONS



UNIVERSAL MOUNTING BASE DETAIL

Note: Base plate dimensions may change without notice
Do not use for setting anchor bolts. Consult factory for base plate templates.



Maximum Bolt Circle is 6"
Standard (Minimum)
Bolt Circle is 4.5"

DESIGN REVIEW

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Catalog #: _____ Project: _____ Type: _____
Prepared By: _____ Date: _____

V-Locity Medium (VALM)

Outdoor LED Area Light



OVERVIEW	
Lumen Package	12,000 - 54,000
Wattage Range	71 - 352
Efficacy Range (LPW)	132 - 176
Weight lbs(kg)	30 (13.6)
Control Options	IMSBT, ALB, ALS, 7-Pin, PCI

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical units. Cast aluminum wiring access door located underneath.
- Self-contained optic, board and heat sink assembly can be rotated or replaced in the field.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: TBD lbs in carton.

Optical System

- State-of-the-Art acrylic optics delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary refractor optics available in 15 different distribution (types 2, 3M, 3W, 4M, 4W, 4F, FTM, 5QN, 5QM, 5Q, 5QW, AM, WF and LC/RC). See photometric section for details.
- Available in 5000K, 4000K, 3500K, 3000K and 2700K color temperatures per ANSI C78.377 as well as phosphor converted amber.
- Minimum CRI of 80 (optional 70 CRI for 5000K and 4000K).
- Factory or field installable integral shielding available for enhanced spill light control.
- Zero Uplight (excludes adjustable arms).

Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (10% - 100%) standard, must specify EXT option for dimming leads to be extended to fixture exterior.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion: <20%
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7.

Installation

- REDiMount pole mount arm allows for a true one person installation.
- Side arm pole mount designed to mount to square or round poles.
- Pole mount arms can accommodate pole drill patterns from 2.4 to 5" on center and utilize LSI's reduced B3 or traditional B5 drill patterns.
- Additional mounting options are available including a mast arm or adjustable slip fitter that allow for luminaire attachment to a 2 3/8" tenon or mast arm.
- Adjustable arms allow for 65° of tilt (-5° below horizontal to +60° above horizontal) in 5° increments.

Warranty

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

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- DarkSky approved with 3000K or warmer color temperature selection (side arm pole and mast arm mounting only).
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.

- 3G rated for ANSI C136.31 high vibration applications are qualified.

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V-Locity Medium (VALM) Outdoor LED Area Light

Type : _____

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

ORDERING GUIDE

[Back to Quick Links](#)

TYPICAL ORDER EXAMPLE: VALM 42L 4W UNV 40K8 BLK SA ALBMR2 IS						
Prefix	Lumen Package	Distribution	Orientation ²	Voltage	Color Temp / Rendering	Finish
VALM - V-Locity Area Light Medium	12L - 12,000 lms, 71W 18L - 18,000 lms, 104W 24L - 24,000 lms, 141W 30L - 30,000 lms, 180W 36L - 36,000 lms, 223W 42L - 42,000 lms, 261W 48L - 48,000 lms, 307W 54L - 54,000 lms, 352W Custom Lumen Packages ¹	2 - Type 2 3M - Type 3 Medium 3W - Type 3 Wide 4M - Type 4 Medium 4F - Type 4 Forward 4W - Type 4 Wide FTM - Forward Throw Medium SQM - Type 5 Square Narrow SQM - Type 5 Square Medium SQ - Type 5 Square SQW - Type 5 Square Wide AM - Automotive Merchandise WF - 6x6 Wide Flood LC - Left Corner RC - Right Corner	(Blank) - Standard L - Optics rotated left 90° R - Optics rotated right 90°	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	50K7 - 5000 CCT - 70 CRI 50K8 - 5000 CCT - 80 CRI 40K7 - 4000 CCT - 70 CRI 40K8 - 4000 CCT - 80 CRI 35K8 - 3500 CCT - 80 CRI 30K8 - 3000 CCT - 80 CRI 27K8 - 2700 CCT - 80 CRI AMB - Phosphor Converted Amber	BLK - Black BRZ - Dark Bronze GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White

Mounting	Controls (Choose One)	Options
SA - Universal Side Arm Pole Mount SF - Adjustable Slip Fitter UA - Universal Adjustable Pole Mount Arm MA - Mast Arm	<p>(Blank) - None</p> <p>Wireless Controls System ALSC - AirLink Synapse Control System ALSC2 - AirLink Synapse Control System with 12-20' MH Motion Sensor ALSC4 - AirLink Synapse Control System with 20-40' MH Motion Sensor</p> <p>ALBMR1LR - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (8-15' MH)⁴ ALBMR2LR - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (16-40' MH)⁴</p> <p>Stand-Alone Controls EXT - 0-10V Dimming leads extended to housing exterior CR7P - 7 Pin Control Receptacle ANSI C136.41³ IMSBT1 - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH)⁴ IMSBT2 - Integral Bluetooth™ Motion and Photocell Sensor (25-48' MH)⁴ PCIU - 120-277 Button Photocell PC347 - 347V Button Photocell</p>	IS - Integral Shield ⁴ TE - Toolless Entry (Mast Arm Only)

Need more information?
Click here for our glossary

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

Accessory Ordering Information⁵

CONTROLS ACCESSORIES	
Description	Order Number
Twist Lock Photocell (120V) for use with CR7P	122514
Twist Lock Photocell (208-277) for use with CR7P	122515
Twist Lock Photocell (347V) for use with CR7P	122516
Twist Lock Photocell (480V) for use with CR7P	1225180
AirLink 5 Pin Twist Lock Controller	661409
AirLink 7 Pin Twist Lock Controller	661410
Shorting Cap for use with CR7P	149328

FUSING OPTIONS ⁷	
Description	Order Number
Single Fusing (120V)	See Fusing Accessory Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (480V)	
Double Fusing (347V)	

EXTERNAL SHIELDING OPTIONS	
Description	Order Number
1.5" External Shield	See Shielding
3" External Shield	Guide

- Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
- Not available on Type 5 or wide flood distributions.
- Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
- Motion sensors are field configurable via the LSI app that can be downloaded from your smartphone's native app store.
- Accessories are shipped separately and field installed.
- "CLR" denotes finish. See Finish options.
- Fusing must be located in hand hole of pole. See [Fusing Accessory Guide](#) for compatibility.

LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 • (513) 372-3200 • www.lsicorp.com
©2023 LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

DESIGN REVIEW
CERTIFICATE OF APPROVAL

CA# DTC4-24-000-22

Approval Date: 04/29/2024

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Items: _____ Approved By: DC

With: Condition(s) _____ / Variance _____

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V-Locity Medium (VALM) Outdoor LED Area Light

Type: _____

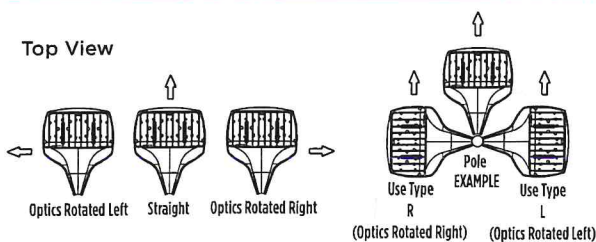
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ACCESSORIES

[Back to Quick Links](#)

MOUNTING ACCESSORIES			SHIELDING, POLES & MISC. ACCESSORIES		
Side Arm	Bullhorn Bracket Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 adjustable slip fitter mount luminaires Part Number: BKS PTB 2 CLR / BKS PTB 12 CLR (2 Luminaires) Part Number: BKS PTB 3-30 CLR / BKS PTB T3-30 CLR (3 Luminaires) Part Number: BKS PTB 4 CLR / BKS PTB 14 CLR (4 Luminaires)		Shielding	Integral Shield for Asymmetric Distributions Field Install Integral shield provides maximum backlight control by shielding each individual row of LEDs with minimal impact on Street/front side distribution Part Number: TBD	
	Flood Wall Mount Bracket Mounts onto vertical wall surface (hardware/anchors not included) Part Number: BKS FHW 5 CLR (5" Straight Version) Part Number: BKS FHW 18 CLR (18" Curved Version)			Integral Shield for Left and Right Corner Distributions Field Install Integral shield provides cutoff from two sides for maximum spill light control when utilizing LC or RC corner distributions Part Number: TBD	
	Bolt on Side Tenon Mount Bolt on Side Tenon Mount Part Number: BKSFB0 5 CLR (5" Straight Version) Part Number: BKSFB0 18 CLR (18" Curved Version) Part Number: BKSFB0 30 CLR (30" Dual Tenon Version)			External Shield External shield blocks view of light source from any side of luminaire, additional shielding configurations available Part Number: TBD (1.5") / TBD (3")	
Tenon / Slipfitter	Square Tenon Top Allows to seamlessly integrate LSI luminaires to open top 4", 5" or 6" square poles with 1/2 ga. Or 7 ga. wall thickness Part Number: BKA ISF10 _SQ CLR		Poles	Square Poles 14 - 39" steel and aluminum poles in 4", 5" and 6" sizes for retrofit and new construction Part Number: 450/550/650	
	Square Tenon Top Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 luminaires Part Number: BKA XNH *			Round Poles 10 - 30" steel and aluminum poles in 4" and 5" sizes for retrofit and new construction Part Number: 4RP/5RP	
	Square Internal Slipfitter Mounts inside 4" or 5" square pole and allows for mounting up to 4 luminaires Part Number: BKA X_ISF * CLR			Tapered Poles 20" - 39" steel and aluminum poles for retrofit and new construction Part Number: RTP	
Wall Mount / Wood Pole	Wall Mount Bracket Mounts onto vertical wall surface (hardware/anchors not included) Part Number: BKS XBO WH CLR		Misc.	Bird Spikes 10' linear bird spike (3' recommended per luminaire) silicone adhesive (covers approximately 25' linear fee of bird spike) and application tool Spike Part Number: 751631 Adhesive Part Number: 751632 Caulk Gun Part Number: 751636	
	Wood Pole Bracket Mounts onto wooden poles (6" minimum OD, hardware/anchors not included) Part Number: BKS XBO WP CLR			<ol style="list-style-type: none"> 1 Replace CLR with paint finish description 2 Replace XX with SQ for square pole or RD for round pole (≈3" OD) 3 Replace * with S (Single), D180 (Double @180°), D90 (Double @90°), T90 (Triple), D90 (Quad) 4 Replace _ with 4 (4" square pole) or 5 (5" square pole) 	

OPTICS ROTATION

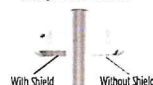


ACCESSORIES/OPTIONS

Integral Louver (IS)

Integral Shield (IS) available for improved backlight control without sacrificing Street side performance. LSI's Integral Shield (IS) option delivers backlight control that significantly reduces spill light behind the pole for applications with pole locations close to adjacent properties. The design maximizes forward reflected light while reducing glare, maintaining the optical distribution selected, and most importantly eliminating light trespass. Shields rotate with the optical distribution.

Integral Shield (IS)



Luminaire Shown with AirLink Blue Sensor Option



Luminaire Shown with CR7P

7 Pin Photoelectric Control

7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).

DESIGN REVIEW

CERTIFICATE OF APPROVAL

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With: Condition(s) / Variance 17

V-Locity Medium (VALM) Outdoor LED Area Light

Type: _____

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

PHOTOMETRICS

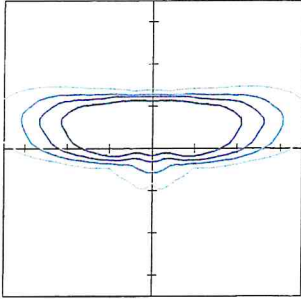
[Back to Quick Links](#)

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See the individual product page on <https://www.isicorp.com/> for detailed photometric data.

VALM 36L 2 40K8

V-LOCITY Area Medium, 36,000lm, Type 2 Distribution

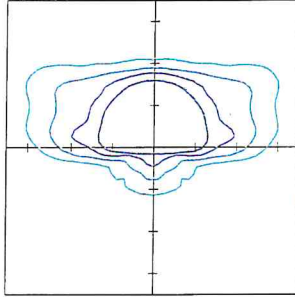


25' Mounting Height / 35' Grid Spacing
 2 FC 1 FC 0.5 FC 0.2 FC

IES Type	II Medium
BUG Rating	B3-U0-G5
Street Side Lumen %	88.9%
House Side Lumen %	11.1%
Uplight %	0.0%

VALM 36L 3M 40K8

V-LOCITY Area Medium, 36,000lm, Type 3 Medium Distribution

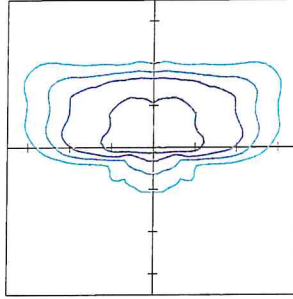


25' Mounting Height / 35' Grid Spacing
 2 FC 1 FC 0.5 FC 0.2 FC

IES Type	III Very Short
BUG Rating	B3-U0-G5
Street Side Lumen %	90.1%
House Side Lumen %	9.9%
Uplight %	0.0%

VALM 36L 3W 40K8

V-LOCITY Area Medium, 36,000lm, Type 3 Wide Distribution

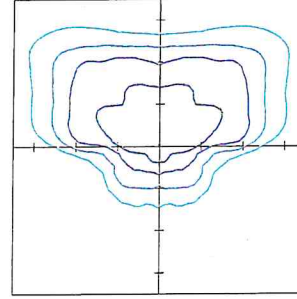


25' Mounting Height / 35' Grid Spacing
 2 FC 1 FC 0.5 FC 0.2 FC

IES Type	IV Medium
BUG Rating	B3-U0-G5
Street Side Lumen %	86.1%
House Side Lumen %	13.9%
Uplight %	0.0%

VALM 36L 4W 40K8

V-LOCITY Area Medium, 36,000lm, Type 4 Wide Distribution

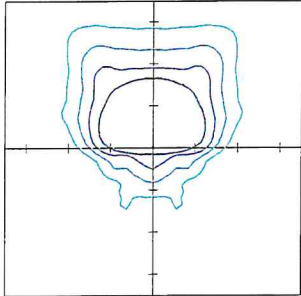


25' Mounting Height / 35' Grid Spacing
 2 FC 1 FC 0.5 FC 0.2 FC

IES Type	IV Medium
BUG Rating	B3-U0-G5
Street Side Lumen %	86.3%
House Side Lumen %	13.7%
Uplight %	0.0%

VALM 36L 4M 40K8

V-LOCITY Area Medium, 36,000lm, Type 4 Medium Distribution

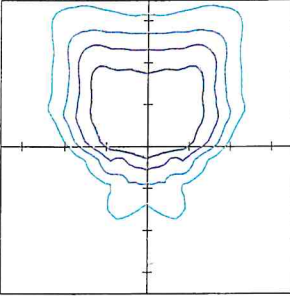


25' Mounting Height / 35' Grid Spacing
 2 FC 1 FC 0.5 FC 0.2 FC

IES Type	IV Very Short
BUG Rating	B2-U0-G5
Street Side Lumen %	91.0%
House Side Lumen %	9.0%
Uplight %	0.0%

VALM 36L 4F 40K8

V-LOCITY Area Medium, 36,000lm, Type 4 Forward Distribution

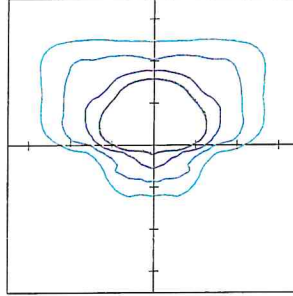


25' Mounting Height / 35' Grid Spacing
 2 FC 1 FC 0.5 FC 0.2 FC

IES Type	IV Short
BUG Rating	B3-U0-G5
Street Side Lumen %	87.9%
House Side Lumen %	12.1%
Uplight %	0.0%

VALM 36L FTM 40K8

V-LOCITY Area Medium, 36,000lm, Forward Throw Medium Distribution

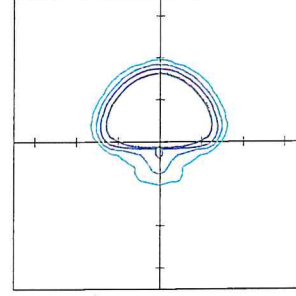


25' Mounting Height / 35' Grid Spacing
 2 FC 1 FC 0.5 FC 0.2 FC

IES Type	III Very Short
BUG Rating	B2-U0-G5
Street Side Lumen %	90.2%
House Side Lumen %	9.8%
Uplight %	0.0%

VALM 36L AM 40K8

VV-LOCITY Area Medium, 36,000lm, Automotive Merchandise Distribution



25' Mounting Height / 35' Grid Spacing
 2 FC 1 FC 0.5 FC 0.2 FC

IES Type	III Very Short
BUG Rating	B2-U0-G3
Street Side Lumen %	94.1%
House Side Lumen %	5.9%
Uplight %	0.0%

DESIGN REVIEW CERTIFICATE OF APPROVAL

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 Items: _____ Approved By: DC
 With: Condition(s) / Variance
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V-Locity Medium (VALM) Outdoor LED Area Light

Type: _____

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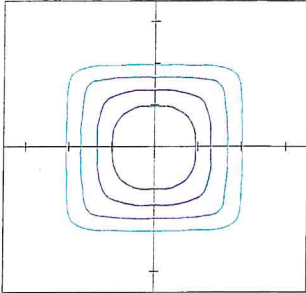
PHOTOMETRICS (CONTINUED)

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See the individual product page on <https://www.isicorp.com/> for detailed photometric data.

VALM 36L 5QN 40K8

V-LOCITY Area Medium, 36,000lm, Type 5
Square Narrow Distribution

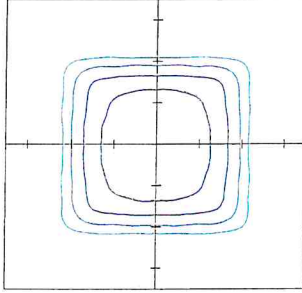


25' Mounting Height / 35' Grid Spacing
2 FC 1 FC 0.5 FC 0.2 FC

IES Type	VS Very Short
BUG Rating	B5-U0-G2
0 - 60° Zonal Lumens	73.8%
60 - 90° Zonal Lumens	26.2%
Uplight %	0.0%

VALM 36L 5QM 40K8

V-LOCITY Area Medium, 36,000lm, Type 5
Square Medium Distribution

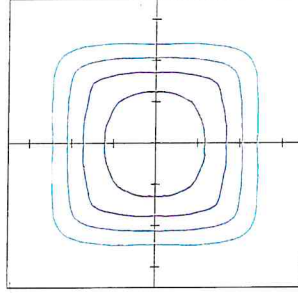


25' Mounting Height / 35' Grid Spacing
2 FC 1 FC 0.5 FC 0.2 FC

IES Type	VS Short
BUG Rating	B5-U0-G4
0 - 60° Zonal Lumens	51.0%
60 - 90° Zonal Lumens	49.0%
Uplight %	0.0%

VALM 36L 5Q 40K8

V-LOCITY Area Medium, 36,000lm, Type 5
Square Distribution

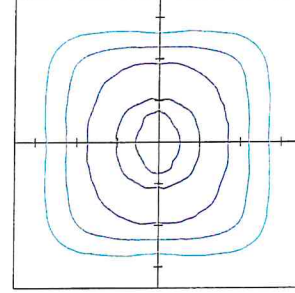


25' Mounting Height / 35' Grid Spacing
2 FC 1 FC 0.5 FC 0.2 FC

IES Type	VS Medium
BUG Rating	B5-U0-G4
0 - 60° Zonal Lumens	41.8%
60 - 90° Zonal Lumens	58.2%
Uplight %	0.0%

VALM 36L 5QW 40K8

V-LOCITY Area Medium, 36,000lm, Type 5
Square Wide Distribution

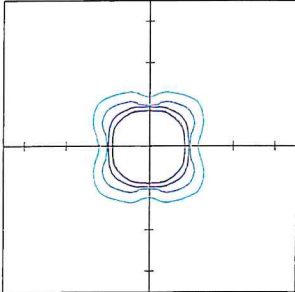


25' Mounting Height / 35' Grid Spacing
2 FC 1 FC 0.5 FC 0.2 FC

IES Type	VS Medium
BUG Rating	B5-U0-G4
0 - 60° Zonal Lumens	33.7%
60 - 90° Zonal Lumens	66.3%
Uplight %	0.0%

VALM 36L WF 40K8

V-LOCITY Area Medium, 36,000lm, Wide
Flood Distribution

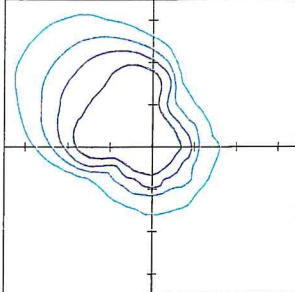


25' Mounting Height / 35' Grid Spacing
2 FC 1 FC 0.5 FC 0.2 FC

NEMA Type	6x6
Max Candela	18,706
Max Candela Angle	-19.5H x -29V
Beam Angle	80.7 x 90.0°
Field Angle	109.9 x 117.7°

VALM 36L LC 40K8

V-LOCITY Area Medium, 36,000lm, Left
Corner Distribution

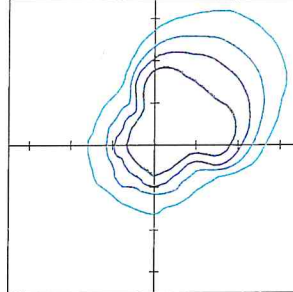


25' Mounting Height / 35' Grid Spacing
2 FC 1 FC 0.5 FC 0.2 FC

IES Type	N/A
BUG Rating	B4-U0-G5
Street Side Lumen %	74.3%
House Side Lumen %	25.7%
Uplight %	0.0%

VALM 36L RC 40K8

V-LOCITY Area Medium, 36,000lm, Right
Corner Distribution



25' Mounting Height / 35' Grid Spacing
2 FC 1 FC 0.5 FC 0.2 FC

IES Type	N/A
BUG Rating	B4-U0-G5
Street Side Lumen %	74.3%
House Side Lumen %	25.7%
Uplight %	0.0%

DESIGN REVIEW CERTIFICATE OF APPROVAL

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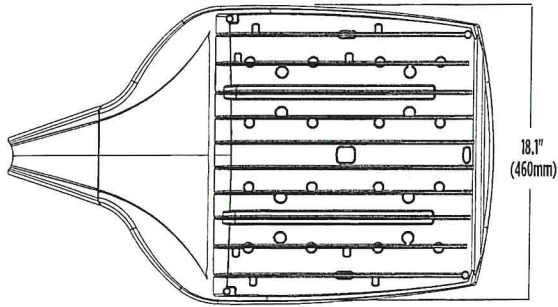
V-Locity Medium (VALM) Outdoor LED Area Light

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

Type: _____

PRODUCT DIMENSIONS

[Back to Quick Links](#)



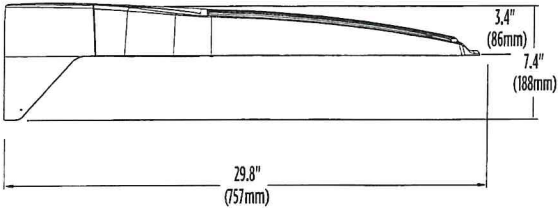
Luminaire EPA Chart - SA Side Arm		
Tilt Degree		0°
Single		0.7
D180°		1.5
D90°		1.5
T90°		1.7
TN120°		1.7
Q90°		1.7

Luminaire EPA Chart - UA Universal Adjustable Arm						
Tilt Degree		0°	15°	30°	45°	60°
Single		0.9	1.2	1.9	2.6	3.1
D180°		1.8	2.4	3.5	4.5	5.3
D90°		1.7	2.4	3.5	4.5	5.3
T90°		2.0	2.7	3.6	4.5	5.3
TN120°		2.0	3.1	4.7	6.0	6.9
Q90°		2.0	2.7	3.6	4.5	5.3

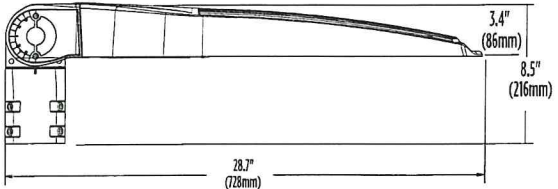
Luminaire EPA Chart - MA Side Arm		
Tilt Degree		0°
Single		0.7

Luminaire EPA Chart - SF Adjustable Slip Fitter						
Tilt Degree		0°	15°	30°	45°	60°
Single		0.8	1.4	1.9	2.6	3.1

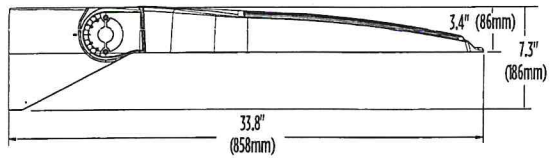
SA Universal Side Arm Mount



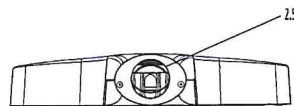
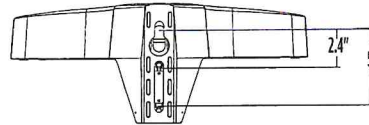
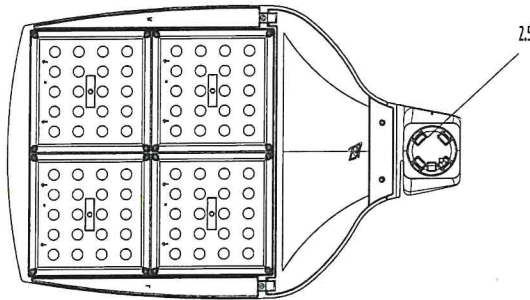
SF Adjustable Slipfitter



UA Universal Adjustable Arm



MA Mast Arm



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V-Locity Medium (VALM) Outdoor LED Area Light

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

Type: _____

[Back to Quick Links](#)

Integral Bluetooth™ Motion and Photocell Sensor (IMSBTxL)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is IP66 rated for cold and wet locations (~40°F to 167°F). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

Click here to learn more details about IMSBT


LEVITON App


Apple


Android

AirLink Blue (ALBMRxLR, ALBCSx)

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/ Site, Wall Mounted, Parking Garage and Canopy luminaires.

Click here to learn more details about AirLink Blue


AirLink Blue App


Apple

Sensor Sequence of Operations

Standard Programming	On Event	Off Event	On Light Level	Dim Light Level	Daylight Harvesting	Delay To Off	Sensitivity
OMSBTxL/IMSBTxL	Motion	No Motion	100%	N/A	On; Auto Calibration	20 minutes	High
OMS	Motion	No Motion	N/A	N/A	N/A	30 seconds	Auto

Operation	Description
On Event	Trigger that activates lights to turn on; either automatic via motion detected or manually activated via push of button.
Off Event	Trigger that activates lights to turn off; either automatic via no motion detected or manually activated via push of button.
On Light Level	The light level that the fixtures will turn on to when ON EVENT occurs.
Dim Light Level	The light level that the fixtures will dim down to when no motion is detected.
Delay to Dim	The amount of time after which no motion is detected that the fixtures will be triggered to dim down. This sequence is optional, and sensor can be programmed to only trigger the fixture to turn off by entering 100% in this field.
Delay to Off	The amount of time after which no motion is detected that the fixtures will be triggered to turn off. If delay to dim is part of the programmed functionality, this is the amount of time after which no motion is detected after the fixture have already dimmed down.
Sensitivity	The sensitivity can be set to high, medium, low, or auto where applicable. High will detect smaller, simple motions. Low will only detect larger more complex motions. Auto temperature calibration adjusts the PIR sensitivity as ambient temperature rises to increase detection of heat movement through the field of view.

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