Project Name:	Part Number:	Type:

viewpoint AREA LIGHT 2.0

PRODUCT OVERVIEW SCAN OR CLICK HERE

FEATURES

- Features field-swappable IES optic distributions for application-specific flexibility.
- Provides field-selectable lumen output and CCT to reduce SKUs and simplify stocking.
- Delivers precise, uniform illumination with advanced optical performance with up to 179 LPW
- Ensures long-term reliability with IP66-rated die-cast aluminum housing and UV-stabilized optics.
- Supports advanced control options, including Bluetooth programmable sensors, photocells, and bi-level dimming.
- Simplifies installation with versatile mounting configurations designed for quick one-person setup.

DIGITAL NAVIGATION

Explore the spec sheet through the links below

ORDERING GUIDE | LED SYSTEMS TABLE | LINE DRAWINGS
QUICK SHIP | CONTROLS | PHOTOMETRIC DATA



VAS2 Small **VAM2** Medium **VAL2** Large

SUITABLE APPLICATIONS

- Parking Lots
- Parking Structure
- Parks
- Education
- Hospitals
- Car Dealerships
- Shopping Centers
- Roadways

CERTIFICATIONS

NUROAir™ Bluetooth Controls POWERED BY ILLUMUS. BRANDS | synapse | CCT SELECTABLE | LUMEN SELECTABLE | QUICK SHIP | IP66 High Water Jets Dustproof | ETL Intertek | TITLE 24 | 5 YEAR WARRANTY | 10 YEAR WARRANTY | DLC LISTED PREMIUM

SPECIFICATIONS

CONSTRUCTION

The Viewpoint series features a slim profile die-cast aluminum housing available in 3 different sizes for a fully scalable solution. The fully gasketed housing is IP66 rated for whole luminaire ingress protection against moisture and environmental contaminants. The Viewpoint's low-profile design results in a low EPA, allowing pole optimization to thinner or smaller size pole shafts. Vibration rated per ANSI C136.31 on all mountings (see table on page 4). The Viewpoint Series is protected with a durable bronze polyester powder coat finish to withstand extreme weather changes without cracking or peeling. Salt Spray tested for 500 hrs.

OPTICS

The IP66 silicone gasket sealed optical chamber utilizes proprietary, Field Swappable, polycarbonate refractive optics to provide exceptional coverage and uniformity in IES Types 3, 4, or 5. Available in Field Selectable 3000K, 4000K, & 5000K color temperatures per ANSI C78.377. Minimum CRI of 80. Optional field installed 3-sided glare shield accessory is available for on-site external house side protection.

ELECTRICAL

Class 1 High-performance drivers features over-voltage, under-voltage, short circuit and over temperature protection. 0-10V dimming (10% - 100%) standard. Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (277-480 Vac). L80 >100,000 hrs. in accordance with IESNA TM-21-19 projected values at 25°C Ambient temperature. Total harmonic distortion: <20%. Power factor: >0.90. Input power stays constant over life. Minimum 6kV surge rating meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2). Additional protection is available in 10kV and 20kV options.

THERMAL

The Viewpoint Series features an array of High-efficacy LED's mounted on a metal core circuit board. The LED boards are mounted directly to the cast aluminum housing with heat dissipating fins to provide excellent thermal performance extending the life of electronic components. Operating Ambient Temperature: -40°C to +50°C (-40°F to 122°F).

INSTALLATION

The versatile Viewpoint comes with 4 mounting method options. A fully adjustable Slip fitter (SLPF) to mount to any vertical or horizontal tenon 2" pipe (2-3/8" OD), adjustable pole mounting bracket (PMB) for Square or 3-6" Round Poles, an adjustable wall mount bracket, and an adjustable surface conduit box. 3' 600V power cord(s) provided standard with 0-10V dimming (10-100%).

CONTROLS

Factory installed 3-Pin & 7-Pin ANSI C136.41 Control Receptacle Options available. Dusk to Dawn twist lock photocells sold separately (See accessories). Optional PIR sensors available installed in housing hinged door. See controls section for detailed information on standalone and wireless control options.

WARRANTY

5 Year Warranty Standard; 10 Year Warranty Optional (Terms and Conditions apply).

CERTIFICATIONS

ETL Listed for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards. RoHS Compliant. Title 24 Compliant; see local ordinance for qualification information. IP66 rated Luminaire per IEC 60598. IP66 rated optical chamber. DLC Premium Listed Product, Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

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viewpoint AREA LIGHT 2.0

ORDERING GUIDE

PART # _____ **Example:** VAS2-20L-U-CCTS-T3-SLPF-BRZ-SP1-10YR

SERIES		LUMENS	VOLTAGE		CCT		LENS/OPTIC		MOUNTING	
VAS2	Viewpoint Area Light 2.0 Small	**16L/20L/23L** **16L** **20L**	**U**	120-277V	**CCTS**	Select (3000K, 4000K, 5000K)	**T3**	Type 3 Medium	**SLPF**	2-3/8" Adjustable Slip Fitter
VAM2	Viewpoint Area Light 2.0 Medium	**24L/28L/31L** **24L** **28L**	**HV**	High Voltage 277-480V			**T4**	Type 4 Medium (Standard)	**PMB**	Pole Mount Bracket (Standard)
VAL2	Viewpoint Area Light 2.0 Large	**32L/38L/46L** **32L** **38L**					**T5**	Type 5		

*See accessories for Wall Mounting Accessories

FINISH		CONTROLS OPTIONS		PROTECTION		WARRANTY	
BRZ	Bronze	**ADVANCED**		**BLANK**	6kV	**BLANK**	5 Year
BLK [1]	Black	**BLANK**	None	**SP1** [4]	10KA Max 120-277V Surge Protector	**10YR** [2]	10 Year
SLV [1]	Silver	**CR3**	3-Pin NEMA Control Receptacle	**SP2** [4]	20KA Max 120-277V Surge Protector		
WHT [1]	White	**CR7** [7]	7-Pin NEMA Control receptacle	**SP1HV**	10KA Max 277-480V Surge Protector		
NAT [1]	Natural Aluminum			**SP2HV**	20KA Max 277-480V Surge Protector		
RALxxxx [1]	Custom Color						

SHIP WITH ACCESSORIES

BLANK	None	**TLPC/HV** [5]	277-480V Twist Lock Photocell
+VAx2/Ty [11]	Field Swap Optic (x= size; S-small, M-Medium, L-Large) (y= Type 3 or Type 5 optic)	**TLPC/UNV** [4, 5]	120-277V Twist Lock Photocell
		+VAx2/BIRD	Bird Spikes (x=Size; S-Small, M-Medium, L-Large)
+VAx2/GS/yyy [8]	Glare Shield (x=Size; S-Small, M-Medium, L-Large) (yyy=Finish)	**+VA/WMB/xxx** [1, 10]	Adjustable Wall Mount Bracket (xxx = Paint finish; Blank = BRZ, WHT, BLK, SLV, NAT, RALxxxx
TL7-HVG [6]	Synapse Twist Lock Mesh Network 120-480V		
JP275 [5]	Shorting Cap	**+VA/SMB/xxx** [1, 10]	Adjustable Surface Conduit Box (xxx = Paint finish; Blank = BRZ, WHT, BLK, SLV, NAT, RALxxxx
+UHBS-3.5MM-KIT [12]	Universal Sensor for 3.5mm Jack		
+UHBS-RC	Universal Sensor Remote Control		
+NURO6-BLK-V1 [3]	NUROAir Plug n Play Bluetooth Groupable Sensor		

FOOTNOTES

[1] Bronze finish standard, Consult factory for pricing & availability of other finishes; subject to longer lead-times
[2] Requires additional surge protection (SP1, SP2); For additional details see general terms and conditions
[3] Requires Bluetooth Enabled device for programming (provided by others)
[4] Not Available with HV option
[5] Only compatible with CR3 and CR7
[6] CR7 required, consult factory for site layout
[7] Dimming leads will be wired to the receptacle unless otherwise specified
[8] Not DLC listed
[9] Contact factory for pricing and availability
[10] Requires PMB mounting bracket
[11] Not available with T4 optic
[12] Requires +UHBS-RC for alternate programming of sensor (1 needed per site)

CONTINUE TO NEXT PAGE

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QUICK SHIP ITEMS

PRODUCT	DESCRIPTION	UPC CODE
VAS2-16L/20L/23L-U-CCTS-T4-PMB-BRZ	Viewpoint Small, 16,000-20,000-23,000 Lumens, CCT Selectable 30-40-50, PMB, T4, Bronze Finish	790492386002
VAM2-24L/28L/31L-U-CCTS-T4-PMB-BRZ	Viewpoint Medium, 24,000-28,000-31,000 Lumens, CCT Selectable 30-40-50, PMB, T4, Bronze Finish	790492386019
VAL2-32L/38L/46L-U-CCTS-T4-PMB-BRZ	Viewpoint Large, 32,000-38,000-46,000 Lumens, CCT Selectable 30-40-50, PMB, T4, Bronze Finish	790492386026

SHIP WITH ACCESSORIES

BLANK	None	**+VA/WMB/xxx** [1, 10]	Adjustable Wall Mount Bracket (xxx = Paint finish; Blank = BRZ, WHT, BLK, SLV, NAT, RALxxxx
+VAx2/Ty [11]	Field Swap Optic (x= size; S-small, M-Medium, L-Large) (y= Type 3 or Type 5 optic)	**+VA/SMB/xxx** [1, 10]	Adjustable Surface Conduit Box (xxx = Paint finish; Blank = BRZ, WHT, BLK, SLV, NAT, RALxxxx
TLPC/HV [5]	277-480V Twist Lock Photocell		
TLPC/UNV [4,5]	120-277V Twist Lock Photocell	**+UHBS-3.5MM-KIT** [12]	Universal Sensor for 3.5mm Jack
+NURO6-BLK-V1 [3]	NUROAir Plug n Play Bluetooth Groupable Sensor		

FOOTNOTES

[1] Bronze finish standard, Consult factory for pricing & availability of other finishes; subject to longer lead-times
[2] Requires additional surge protection (SP1, SP2); For additional details see general terms and conditions
[3] Requires Bluetooth Enabled device for programming (provided by others)
[4] Not Available with HV option
[5] Only compatible with CR3 and CR7
[6] CR7 required, consult factory for site layout
[7] Dimming leads will be wired to the receptacle unless otherwise specified
[8] Not DLC listed
[9] Contact factory for pricing and availability
[10] Requires PMB mounting bracket
[11] Not available with T4 optic
[12] Requires +UHBS-RC for alternate programming of sensor (1 needed per site)

LED SYSTEMS INFO

LED SYSTEMS INFO[1]	LENS	3000K		4000K		5000K		WATTS[2]	BUG RATINGS
Part Numbers		Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy		
VAS2-16L	T3	14593	157.1	15524	172.6	15233	165.5	92	B3-U0-G3
	T4	14755	158.8	15697	174.5	15402	167.3		B2-U0-G3
	T5	15006	161.4	15964	177.3	15665	170.0		B4-U0-G2
VAS2-20L	T3	18003	156.6	19152	172.0	18793	164.9	113	B3-U0-G3
	T4	18203	158.3	19365	173.9	19002	166.8		B3-U0-G3
	T5	18513	160.8	19694	176.7	19325	169.5		B4-U0-G2
VAS2-23L	T3	21640	153.4	23252	170.5	22755	162.8	139	B3-U0-G3
	T4	21880	155.1	23276	170.4	22840	163.4		B3-U0-G3
	T5	22252	157.6	23674	172.8	23576	167.5		B4-U0-G2
VAM2-24L	T3	23816	154.7	25184	169.6	25055	164.1	152	B3-U0-G3
	T4	23757	154.1	25122	168.9	24993	163.4		B3-U0-G3
	T5	24539	159.3	25948	174.6	25816	168.9		B4-U0-G2
VAM2-28L	T3	26790	155.4	28329	170.4	28185	164.8	170	B3-U0-G3
	T4	26724	154.8	28260	169.7	28115	164.2		B3-U0-G3
	T5	27604	160.0	29189	175.4	29040	169.7		B4-U0-G2
VAM2-31L	T3	30273	148.5	31970	162.6	31771	157.0	195	B3-U0-G3
	T4	30199	147.9	31933	162.2	31770	156.9		B3-U0-G3
	T5	31192	152.9	32887	167.2	32358	159.7		B4-U0-G2
VAL2-32L	T3	29885	158.1	32050	176.9	32223	173.3	186	B4-U0-G4
	T4	29427	155.7	31560	174.2	31730	170.7		B3-U0-G5
	T5	30375	159.9	32576	178.9	32752	175.3		B5-U0-G3
VAL2-38L	T3	34860	155.5	37385	174.0	37385	170.4	220	B4-U0-G4
	T4	34326	153.1	36813	171.3	36813	167.8		B3-U0-G5
	T5	35432	157.2	37999	175.9	37999	172.3		B5-U0-G3
VAL2-46L	T3	44039	152.1	47048	169.8	46839	164.6	284	B4-U0-G4
	T4	43365	149.8	46507	167.6	46758	164.2		B4-U0-G4
	T5	44762	153.8	47908	172.1	47753	167.5		B5-U0-G3

[1]Values are nominal, see IES file for more detail

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

ELECTRICAL DATA (AMPS)*

Lumen Package	W	120V	208V	240V	277V	347V	480V
VAS-14L	92	0.76	0.44	0.38	0.33	0.26	0.19
VAS-17L	113	0.95	0.55	0.47	0.41	0.33	0.24
VAS-21L	139	1.16	0.67	0.58	0.50	0.40	0.29
VAM-21L	152	1.27	0.73	0.63	0.55	0.44	0.32
VAM-24L	170	1.42	0.82	0.71	0.61	0.49	0.35
VAM-28L	195	1.63	0.94	0.81	0.71	0.56	0.41
VAM-33L	186	1.55	0.89	0.77	0.67	0.54	0.39
VAM-37L	220	1.83	1.06	0.92	0.79	0.63	0.46
VAM-42L	284	2.37	1.37	1.18	1.03	0.82	0.59

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

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GS External Glare Shield

Rotatable 3-sided field installable external glare shield. Shown with small housing.



GLARE SHIELD LUMEN TABLE

Part Number	Lumens	lm/W	Watts
VAS2-16L/20L/23L-U-40-T4-GS	19709	144	137
VAS2-16L-U-40-T4-GS	13288	148	90
VAS2-20L-U-40-T4-GS	16393	147	111
VAM2-24L/28L/31L-U-40-T4-GS	27346	139	197
VAM2-24L-U-40-T4-GS	21485	144	149
VAM2-28L-U-40-T4-GS	24169	145	167
VAL2-32L/38L/46L-U-40-T4-GS	38932	140	278
VAL2-32L-U-40-T4-GS	26406	146	181
VAL2-38L-U-40-T4-GS	30801	143	215
VAM-37L-U-40-T4-GS	36084	137	263
VAM-42L-U-40-T3-GS	38425	131	292
VAM-42L-U-40-T4-GS	37575	128	293
VAS-14L-U-40-T3-GS	14316	151	95
VAS-14L-U-40-T4-GS	14441	152	95
VAS-17L-U-40-T3-GS	17583	148	119
VAS-17L-U-40-T4-GS	17737	150	119
VAS-21L-U-40-T3-GS	19081	134	142
VAS-21L-U-40-T4-GS	19249	135	142

EPA RATINGS AND VIBRATION CHART

	SLPF		PMB		WEIGHT
VAS2-16L/20L/23L	0.50	3g	0.82	3g	7.9 lbs
VAM2-24L/28L/31L	0.58	3g	0.94	3g	10.07 lbs
VAL2-32L/38L/46L	0.66	3g	0.98	3g	11.61 lbs

* EPA Ratings listed assume fixture is mounted horizontally. For adjustable mounting options, EPA will vary with selected angle.

RECOMMENDED LUMEN MAINTENANCE[1]

AMBIENT TEMP C	INITIAL[2]	25k hr [2]	50k hr [2]	75k hr [3]	100k hr [3]
0 C	1	0.96	0.93	0.9	0.88
10 C	1	0.96	0.93	0.9	0.88
20 C	1	0.96	0.93	0.9	0.88
25 C	1	0.96	0.93	0.9	0.88
30 C	1	0.96	0.93	0.9	0.88
40 C	1	0.95	0.93	0.89	0.87
50 C	1	0.95	0.9	0.86	0.84

[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"

EPA DIAGRAMS AND MOUNTS

TILT DEGREE		0°	30°	45°
	VAS	0.50	1.09	1.46
	VAM	0.58	1.42	1.90
Single	VAL	0.66	1.71	2.32
	VAS	1.01	2.18	2.93
	VAM	1.16	2.83	3.80
D180°	VAL	1.32	3.43	4.64
	VAS	0.79	1.59	1.97
	VAM	0.91	1.99	2.48
D90°	VAL	1.04	2.37	2.98

TILT DEGREE		0°	30°	45°
	**VAS**	1.29	2.68	3.43
	VAM	1.49	3.41	4.38
T90°	**VAL**	1.70	4.09	5.30
	**VAS**	1.29	2.68	3.43
	VAM	1.49	3.41	4.38
TN120°	**VAL**	1.70	4.09	5.30
	**VAS**	1.29	2.68	3.43
	VAM	1.49	3.41	4.38
Q90°	**VAL**	1.70	4.09	5.30

*Based on SLPF

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CONTROLS OPTIONS

ADVANCED

NUROAir by ILLUMUS

NUROAir Plug n Play Bluetooth Sensor is the optimal groupable controls lighting solution. With main features such as Plug and Play, PIR Motion Sensing, Occupancy/Vacancy and Photocell (BLK) - this flexibility makes the NUROAir Plug n Play Sensor ideal for tailoring lighting to specific space needs, optimizing both ambiance and efficiency. The NUROAir App, available for download on iOS and Google Play Store, offers a user-friendly interface for automatic or manual customization of your space. Through the app, users can configure sensor settings such as the Light Output, CCT, Hold Time, Standby Time/Level, High/Low End Trim, Background Light Level, Set Schedules, and Control Lighting Groups or Zones, all from a mobile or tablet device. Manual control is also available with a range of compatible wireless & wired wall switch options.

NUROAir® Bluetooth Controls

POWERED BY ILLUMUS. BRANDS





Click Here or Scan Code to Learn More About

NUROAir Bluetooth Controls

BASIC

CRxP

3-Pin or 7-pin ANSI C136.41-2013 control receptacle option available for NEMA 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). x = Number of pins (3 or 7).

+UHBS-3.5MM-KIT - Universal Sensor for 3.5mm Jack

Plug n play Universal Sensor provides multi-level control based on motion and/ or daylight contribution. Remote control allows for modifications of Detection zone, Time settings, Sensitivity, Daylight, and Dimming levels.



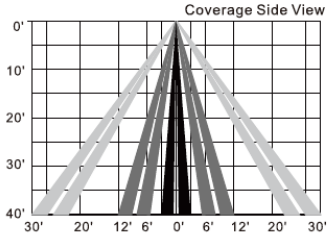
+UHBS-RC - Universal High Bay Sensor Remote Control

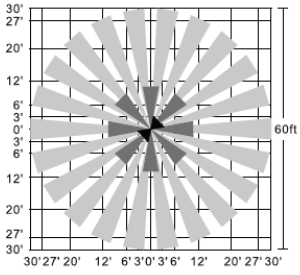


Sensor	Mounting Height	Ambient Temp Range
UHBS	40'	-20°C to +50°C (-4°F to 122°F)

COVERAGE PATTERNS

UHBS





Warm up time is 40 seconds. After the sensor connects input power first time, the light will keep on 40 seconds, then go to dimming to work normally. Factory Default Setting: 100% sensitivity, Hold on time: 5 minutes, Daylight sensor is ☼, Dimming level: 30%, Dimming time: 60 minutes.

ADVANCED

Synapse (TL7-HVG)

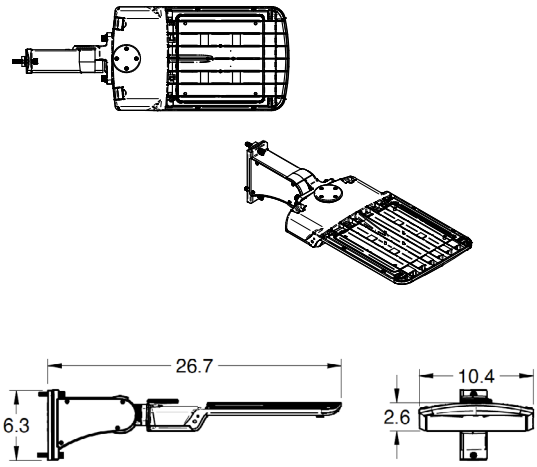
Utilizing a robust 2.4 GHz Self-Healing Mesh Network, Synapse provides flexibility and scalability making it a perfect outdoor solution for both new construction and retrofit projects. The easy-to-use web application is accessible on any device with an internet connection and allows for complete customization of the system and its features. External radio (TL7) includes (1) low voltage input for a Wattstopper sensor, available in both universal(120-277V) or high voltage (480V). Sensors available in 20' or 40' mounting lenses. See coverage patterns below. Sensor mounted on hinged driver cover.



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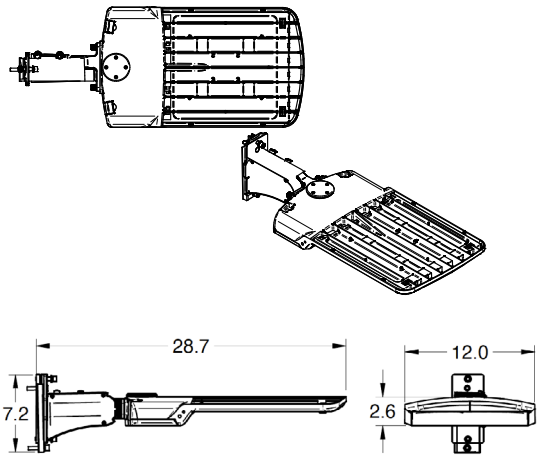
LINE DRAWINGS

VAS2 Pole Mount Bracket (PMB)



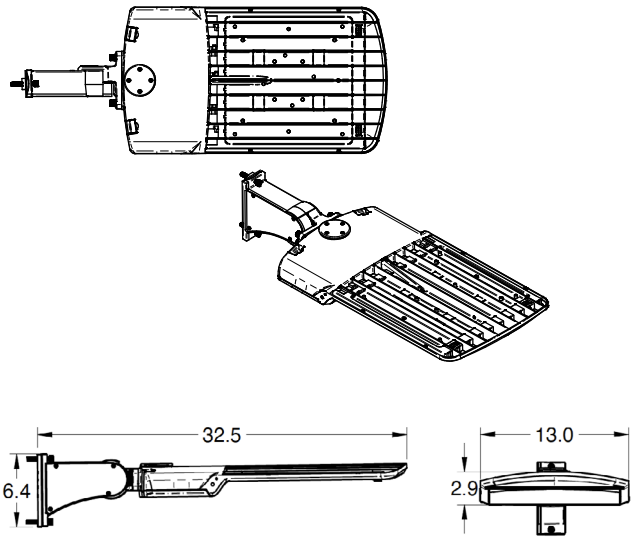
*Suitable for Square or 4"-6" Round Poles

VAM2 Pole Mount Bracket (PMB)



*Suitable for Square or 4"-6" Round Poles

VAL2 Pole Mount Bracket (PMB)

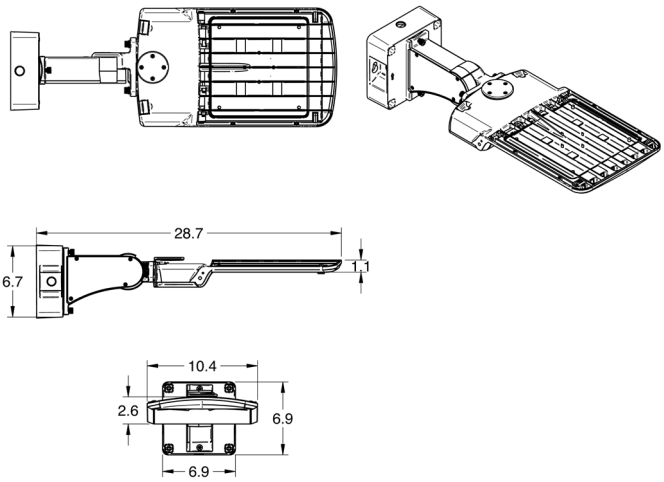


*Suitable for Square or 4"-6" Round Poles

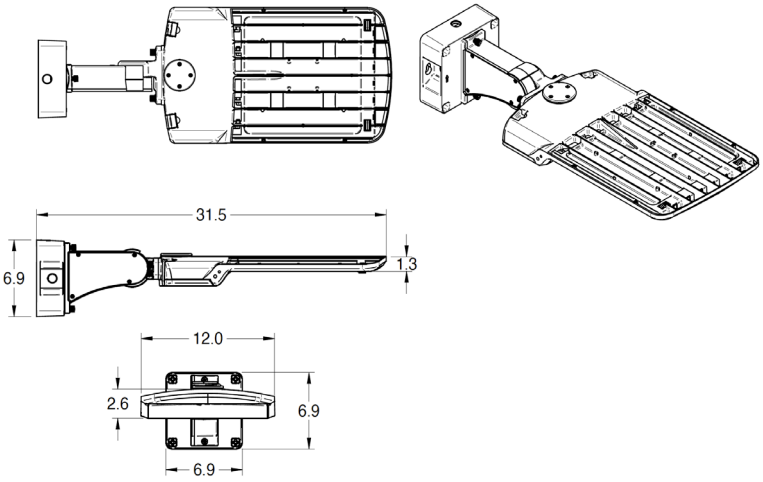
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LINE DRAWINGS (Continued)

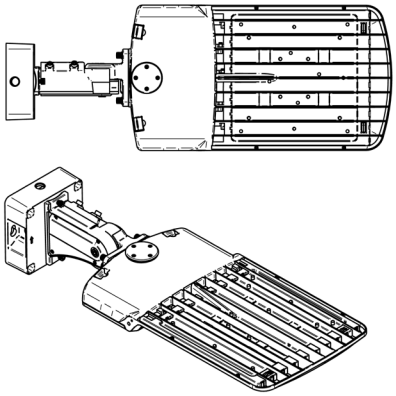
VAS2 Surface Conduit Box (SMB)

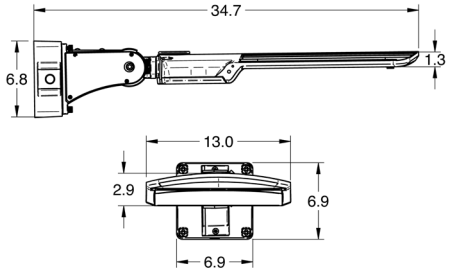


VAM2 Surface Conduit Box (SMB)



VAL2 Surface Conduit Box (SMB)

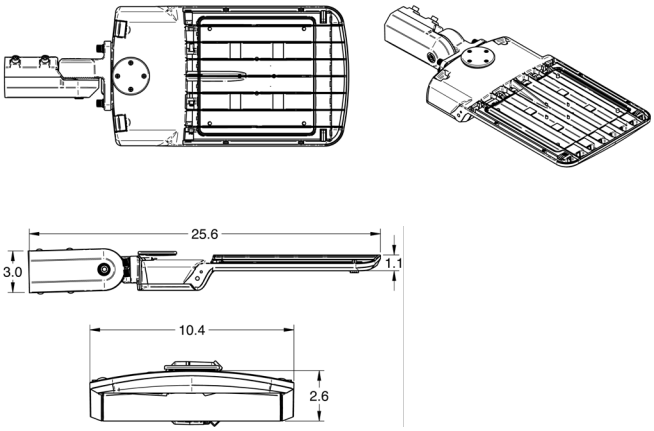




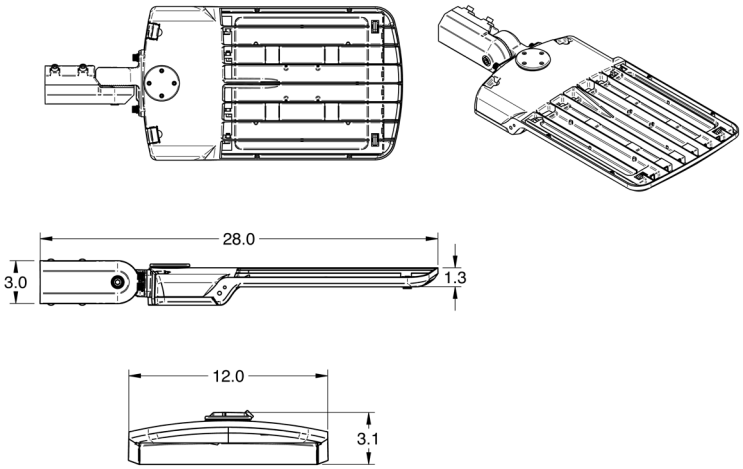
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LINE DRAWINGS (Continued)

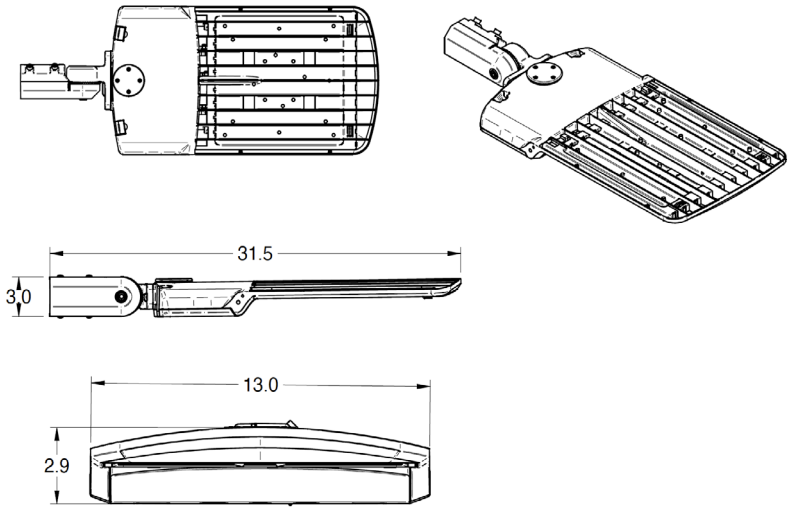
VAS2 Adjustable Slip Fitter (SLPF)



VAM2 Adjustable Slip Fitter (SLPF)



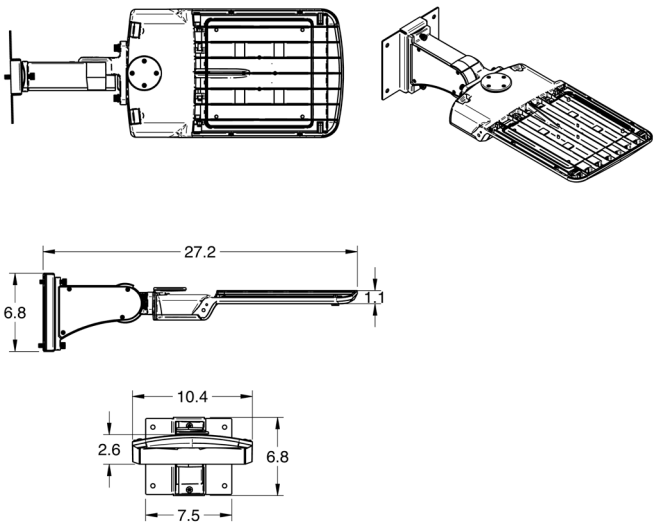
VAL2 Adjustable Slip Fitter (SLPF)



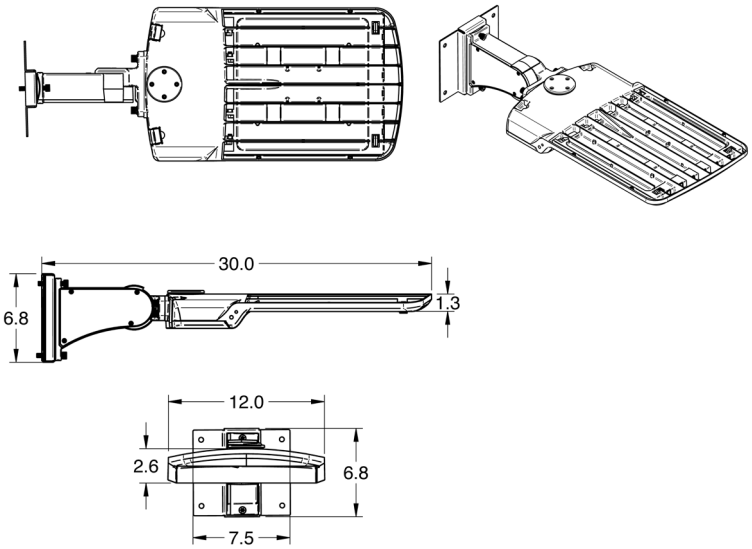
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LINE DRAWINGS (Continued)

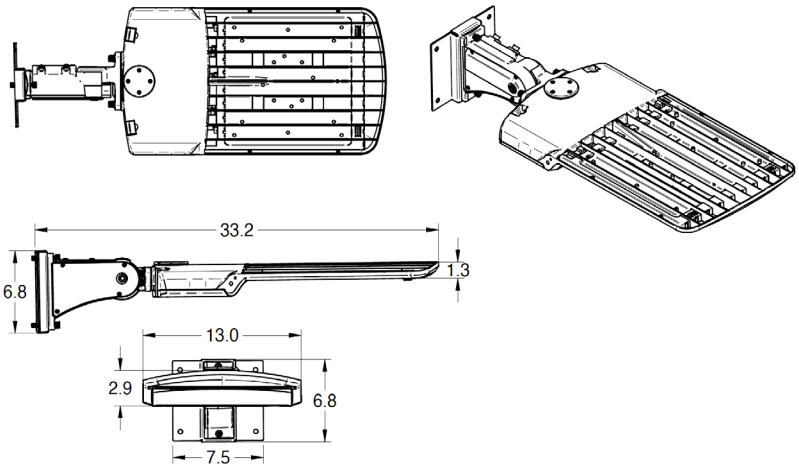
VAS2 Wall Mount Bracket (WMB)



VAM2 Wall Mount Bracket (WMB)



VAL2 Wall Mount Bracket (WMB)



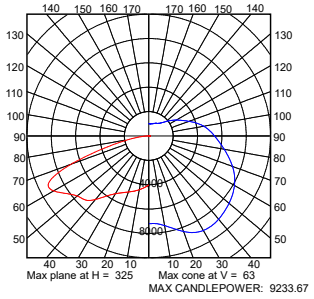
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PHOTOMETRIC DATA

LUMINAIRE DATA	
Part Number	VAS2-16L/20L/23L-U-40-T4
Description	View Point Area Light 2, CCT Selectable Lumens, 4000K CCT, Lens Distribution Type 4
Fixture Lumens (lm)	23276
Wattage (W)	137
Efficacy (lm/W)	170.4
Mounting	Pole-Mounted

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	6749	29%
0° - 60°	16044	69%
0° - 90°	23276	100%
90° - 180°	0	0%
0° - 180°	23276	100%

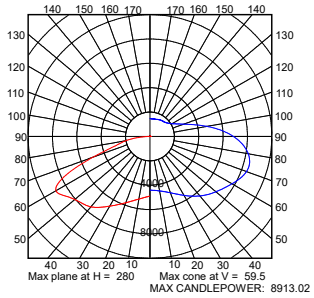
CANDELA PLOT



LUMINAIRE DATA	
Part Number	VAS2-16L/20L/23L-U-40-T3
Description	View Point Area Light 2, CCT Selectable Lumens, 4000K CCT, Lens Distribution Type 3
Fixture Lumens (lm)	23252
Wattage (W)	136
Efficacy (lm/W)	170.5
Mounting	Pole-Mounted

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	351	36%
0° - 60°	17522	75%
0° - 90°	23252	100%
90° - 180°	0	0%
0° - 180°	23252	100%

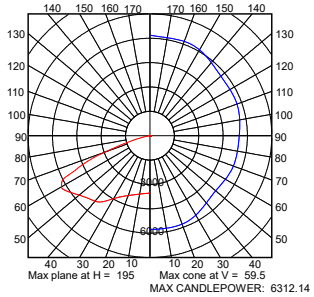
CANDELA PLOT



LUMINAIRE DATA	
Part Number	VAS2-16L/20L/23L-U-40-T5
Description	View Point Area Light 2, CCT Selectable Lumens, 4000K CCT, Lens Distribution Type 5
Fixture Lumens (lm)	23674
Wattage (W)	137
Efficacy (lm/W)	172.8
Mounting	Pole-Mounted

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	6772	29%
0° - 60°	16467	70%
0° - 90°	23674	100%
90° - 180°	0	0%
0° - 180°	23674	100%

CANDELA PLOT



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