

# MONOPOINT LVS

## CM1 SURFACE MOUNT





Elegant design means this monopoint does more. An inventive elbow built into the fixture body that allows a full 90 degree tilt and drop lengths of up to 1' extend adjustability.

PROJECT NAME:

TYPE:



### ORDERING INFORMATION - MONOPOINT

CYLINDER	LENGTH	FIXTURE	BODY FINISH	BAFFLE FINISH	STEM FINISH	CRI / WATTAGE PACKAGE	CCT	OPTIC (UGR)	DRIVER	MEDIA	MOUNTING	
CM1									LVS			
CM1 2.60"	LENGTHS	ADJUSTABLE DRY / DAMP	POWDERCOAT	POWDERCOAT	POWDERCOAT	 STATIC WHITE 80S11A 80+ CRI, 11 Watts Lumens Delivered - 1095 90S11A 90+ CRI, 11 Watts Lumens Delivered - 941 97S11A 97+ CRI, 11 Watts Lumens Delivered - 826  REMOTE STATIC WHITE 80S17A 80+ CRI, 17 Watts Lumens Delivered - 1655 90S17A 90+ CRI, 17 Watts Lumens Delivered - 1422 97S17A 97+ CRI, 17 Watts Lumens Delivered - 1249  WARM DIM 90W11A 90+ CRI, 11 Watts Incandescent Profile Lumens Delivered - 654 Halogen Profile Lumens Delivered - 658  REMOTE WARM DIM 90W18A 90+ CRI, 18 Watts Incandescent Profile Lumens Delivered - 1017 Halogen Profile Lumens Delivered - 1017 SEE PAGE 4 FOR WARM DIM PROFILE COMPARISON.	24 2400K* *(90+ CRI only)	10 10° (>19)	LVS Low Voltage System	STANDARD MEDIA	ROUGH-IN	
	SL 1.4" Standard	AD1 Adjustable 90° Tilt	WH White	WH White	WH White		27 2700K	15 15° (<16)		4 Soft Focus Lens* *(Required for 10" optic)	J JBMP 4" Sq. or 4/0 Junction Box Mounting Plate. Features 2.6" diameter canopy *(Mounting plate must be installed on junction box prior to ceiling installation)	
	06 6"	FIXED TILT WET (IP65)	BK Black	BK Black	BK Black		30 3000K	20 20° (<10)		ALTERNATE MEDIA	FINISH OUT	
	12 12"		AB Architectural Bronze	AB Architectural Bronze	AB Architectural Bronze		35 3500K	25 25° (<10)				
	CUSTOM LENGTHS		AG Satin Silver	AG Satin Silver	AG Satin Silver		40 4000K	25 25° (<10)				
	XX Specify in 1" increments between 2"-11" (Ex. 4" = 04)* *(Increased lead time)		AU Cashmere Gold	AU Cashmere Gold	AU Cashmere Gold			40 40° (<10)				
			BB Burnt Bronze	BB Burnt Bronze	BB Burnt Bronze			60 60° (>19)				
			CF Custom Finish* *(Consult Factory)	CF Custom Finish* *(Consult Factory)	CF Custom Finish* *(Consult Factory)							
							REMOTE STATIC WHITE	24 2400K* *(90+ CRI only)				10 10° (>19)
							80S17A 80+ CRI, 17 Watts Lumens Delivered - 1655	27 2700K				15 15° (<16)
							90S17A 90+ CRI, 17 Watts Lumens Delivered - 1422	30 3000K				20 20° (<10)
							97S17A 97+ CRI, 17 Watts Lumens Delivered - 1249	35 3500K				25 25° (<10)
					40 4000K	60 60° (>19)						
STEMS ARE NOT FIELD CUTTABLE	F12 Fixed 15° Tilt* F32 Fixed 30° Tilt* F42 Fixed 45° Tilt*	ALUMINA INTERIOR APPLICATIONS ONLY	ALUMINA CONSULT FACTORY FOR ALUMINA FINISHES	ALUMINA CONSULT FACTORY FOR ALUMINA FINISHES	WL 2600K - 1800K WD 2900K - 1800K	20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (>13)	5 Frosted Glass Lens 6 Frosted Soft Focus Lens 7 Frosted Linear Spread Lens S Soft Focus Lens w/ Honeycomb Louver F Frosted Glass Lens w/ Honeycomb Louver N No Lens* *(Not available for Wet Location or Warm Dim)	C CMJB 1/2" and 3/4" Conduit Ceiling Mount Junction Box. Features matching 3.25" canopy.* *(Not available for Wet Location. Only available in powdercoat finishes. Alumina finish fixtures ship with Black powdercoat CMJB) G Zero Sightline Gypsum (1/16" Applique) Features 2.6" diameter canopy.* *(Mounts to 4/0 junction box) R Remodel 4.5" diameter Flange Overlay Canopy* *(Mounts to existing 4/0 junction box)				

PART NUMBER NOTES

- CM1 ships as e.g., CM102AD1WHBK90S17\*3040LVS4F
- Mounting ships separate from fixture. part numbers listed on page 6

LUMENS DELIVERED REFLECT 3000K PAIRED WITH 25° OPTIC AND SOFT FOCUS LENS.

SEE PAGE 3 FOR UGR RATINGS

### PART NUMBER NOTES




- CM1 ships as e.g., CM102AD1WHBK90S17\*3040LVS4F
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# MONOPOINT LVS CM1 SURFACE MOUNT

## APPLICATION NOTES

- Lucifer Lighting will not supply a fixture with a POE node or power supply inside the fixture. This allows for easier site install with nodes of 2 or more outputs.
- Consult node manufacturer for maximum remote wiring distances.
- Fixture features 18 Gauge wiring.
- Wiring connections are made on the fixture using customer supplied connectors, ex. wire nuts, push-in connectors, or terminal blocks.
- Confirm node compatibility with factory if it is not listed.
- Customers are responsible for ensuring POE node drive current is set to correct values shown below.
- Customers must ensure voltage range of the proposed POE node encompasses the fixtures complete Vf range, both maximum and minimum. If assistance is required contact LLC rep or factory.

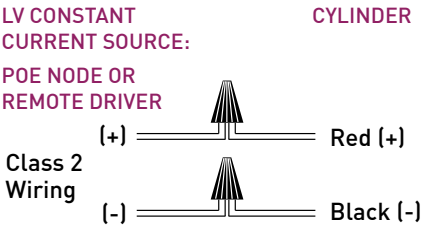
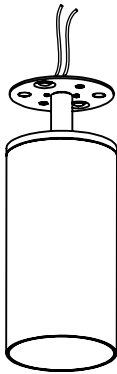
## NODE COMPATIBILITY

Manufacturer	Model Number
	NP50-60-C-F-5
	180996-1001 180996-1002 180996-2001 180996-2002
	1 Channel Node, POE-LN2-1U-E 2 Channel Node, POE-LN2-2U-E 4 Channel Node, POE-LN2-4U-E

## DRIVE CURRENT SPECIFICS

	80S		90S		97S		90W			
	11A	17A	11A	17A	11A	17A	11AL	11AD	18AL	18AD
Minimum Vf	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
Maximum Vf	39	39	39	39	39	39	39	39	39	39
Current mA	250	400	250	400	250	400	250	250	400	400
Wattage W	11	17	11	17	11	17	11	17	11	17

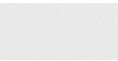





## WIRING DIAGRAM



# MONOPOINT LVS CM1 SURFACE MOUNT

## FINISHES

### POWDERCOAT FINISHES

					
(WH) White	(BK) Black	(AB) Architectural Bronze	(AG) Satin Silver	(BB) Burnt Bronze	(AU) Cashmere Gold

### ALUMINA FINISHES BY LUCIFER LIGHTING™

				
(01) Brushed Obsidian	(03) Brushed Dark Patinated Bronze	(05) Brushed Aged Aluminum	(07) Brushed Cast Brass	(09) Brushed Light Patinated Bronze
				
(02) Matte Obsidian	(04) Matte Dark Patinated Bronze	(06) Matte Aged Aluminum	(08) Matte Cast Brass	(10) Matte Light Patinated Bronze

## ACCESSORIES

### REPLACEMENT MEDIA

- ☐ **HCL-CT1** Honeycomb Louver\*  
\*(Not available for Warm Dim)
- ☐ **CGL-CT1** Clear Glass Lens\*  
\*(Not available for Warm Dim)
- ☐ **SFL-CT1** Soft Focus Lens
- ☐ **FGL-CT1** Frosted Glass Lens
- ☐ **FSFL-CT1** Frosted Soft Focus Lens
- ☐ **FLSL-CT1** Frosted Linear Spread Lens

### REPLACEMENT OPTICS

Interchangeable optics accessible by removing baffle.

Static White		Warm Dim	
<input type="checkbox"/> <b>RO-50-15-S</b>	15° optic	<input type="checkbox"/> <b>RO-50-20-W</b>	20° optic
<input type="checkbox"/> <b>RO-50-20-S</b>	20° optic	<input type="checkbox"/> <b>RO-50-25-W</b>	25° optic
<input type="checkbox"/> <b>RO-50-25-S</b>	25° optic	<input type="checkbox"/> <b>RO-50-40-W</b>	40° optic
<input type="checkbox"/> <b>RO-50-40-S</b>	40° optic	<input type="checkbox"/> <b>RO-50-60-W</b>	60° optic
<input type="checkbox"/> <b>RO-50-60-S</b>	60° optic		

MONOPOINT LVS CM1 SURFACE MOUNT

PERFORMANCE - 3000K

LUMEN PACKAGE	WATTAGE	10° OPTIC		15° OPTIC		20° OPTIC		25° OPTIC		40° OPTIC		60° OPTIC	
		SOFT FOCUS LENS		SOFT FOCUS LENS		SOFT FOCUS LENS		SOFT FOCUS LENS		SOFT FOCUS LENS		SOFT FOCUS LENS	
		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
80S11A	11	454	41	991	90	1093	99	1095	100	1019	93	1145	104
80S17A	17	619	36	1435	84	1701	100	1655	97	1513	89	1640	96
90S11A	11	391	35	851	86	939	95	941	96	875	89	984	100
90S17A	17	532	31	1233	76	1461	90	1422	87	1300	80	1409	86
97S11A	11	337	30	747	68	824	75	826	75	768	70	864	79
97S17A	17	460	27	1083	64	1283	75	1249	73	1141	67	1237	73
90W11A (2600K-1800K)	11	-	-	-	-	667	60	654	59	605	54	635	58
90W11A (2900K-1800K)	11	-	-	-	-	661	60	658	59	600	54	640	58
90W18A (2700K-1800K)	18	-	-	-	-	1019	56	1017	56	927	57	997	62
90W18A (3000K-1800K)	18	-	-	-	-	1043	57	1017	56	943	58	991	61

UNIFIED GLARE RATING

10° OPTIC SOFT FOCUS LENS	15° OPTIC SOFT FOCUS LENS	20° OPTIC SOFT FOCUS LENS	25° OPTIC SOFT FOCUS LENS	40° OPTIC SOFT FOCUS LENS	60° OPTIC SOFT FOCUS LENS
>19	<16	<10	<10	<10	<16

MEDIA LIGHT LOSS MULTIPLIER

MEDIA	LIGHT LOSS FACTOR
No Lens	1.05
CGL	0.97
SFL	1.00
FGL	0.85
FSFL	0.82
FLSL	0.78
HCL	0.75
SFL W/ HCL	0.68
FGL W/ HCL	0.47

OUTPUT MULTIPLIER

CCT	CCT SCALE
2400K	0.85
2700K	0.97
3000K	1.000
3500K	1.03
4000K	1.08

WARM DIM PERFORMANCE - SOFT FOCUS LENS - 25° OPTIC

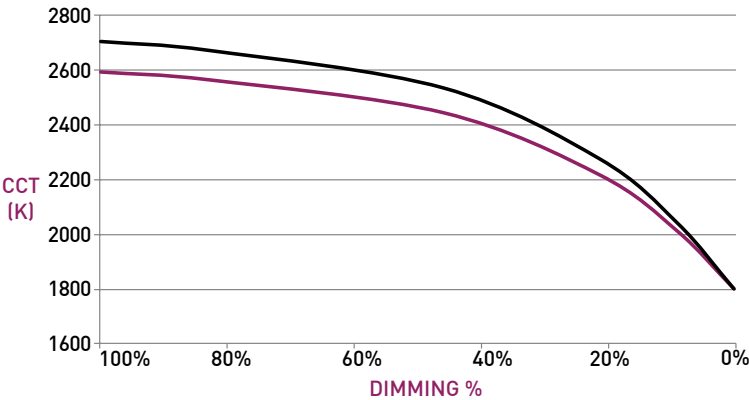
INCANDESCENT DIMMING PROFILE

90W11AL 2600K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2600	2550	2520	2450	2200	1925	1800
Light Output (Lm)	654	523	457	327	130	65	13
Power (W)	11	8.8	7.7	5.5	2.2	1.1	.22
Efficacy (LPW)	59	59	59	59	59	59	59
90W18AL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2600	2650	2620	2520	2180	1950	1800
Light Output (Lm)	1017	813	711	508	203	101	203
Power (W)	18	14.4	12.6	9	3.6	1.8	.36
Efficacy (LPW)	56	56	56	56	56	56	56

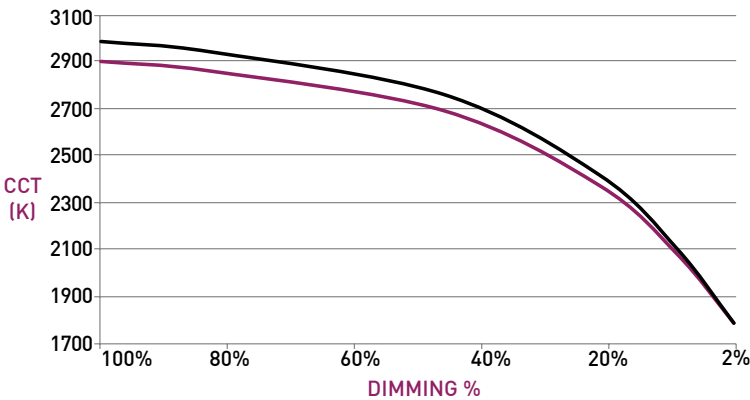
HALOGEN WARM DIM PROFILE

90W11AD 2900K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2900	2850	2800	2720	2350	1975	1800
Light Output (Lm)	658	526	460	329	131	65	13
Power (W)	11	8.8	7.7	5.5	2.2	1.1	.22
Efficacy (LPW)	59	59	59	59	59	59	59
90W18AD 3000K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	3000	2950	2920	2775	2375	2000	1800
Light Output (Lm)	1017	813	711	508	203	101	203
Power (W)	18	14.4	12.6	9	3.6	1.8	.36
Efficacy (LPW)	56	56	56	56	56	56	56

11W / 18W



11W / 18W



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## MONOPOINT

### A STEM

Standard length is 1.4", available in even-inch increments between 2"-12". Stem is not field cuttable. Powdercoat finishes standard, consult factory for Alumina finishes.

### B BODY

Available in powdercoat finishes and Alumina finishes (interior applications only). Requires remote power supply.

### C OPTICS

Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 20°, 25°, 40° & 60° beams.

### D LENS RETAINER

Accepts 2 media devices.

### E 10° FIELD REDUCER

Included with 10° optic. Reduces field angle by 30%.

### F MEDIA

Soft Focus Lens standard. Wet location media sealed in place.

### G BAFFLE

Baffle minimizes aperture glare and conceals view into fixture. Powdercoat finishes standard, consult factory for Alumina finishes.

### H CANOPY

Adjustable Dry/Damp fixture features 0.175" and Fixed Wet fixture features 0.3" tall canopy.

### I ADJUSTABLE FIXTURE

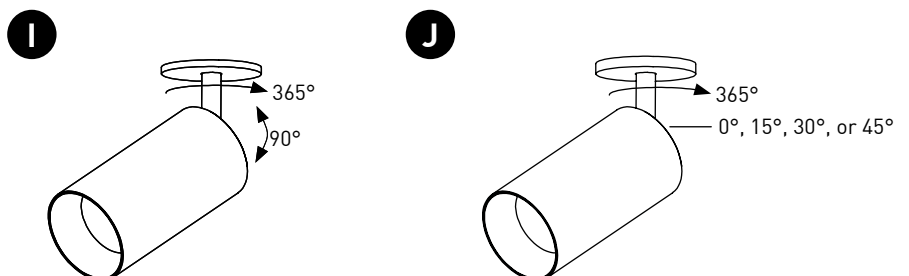
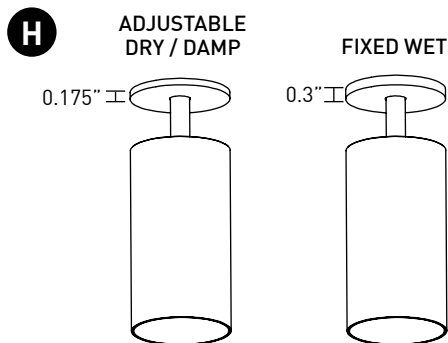
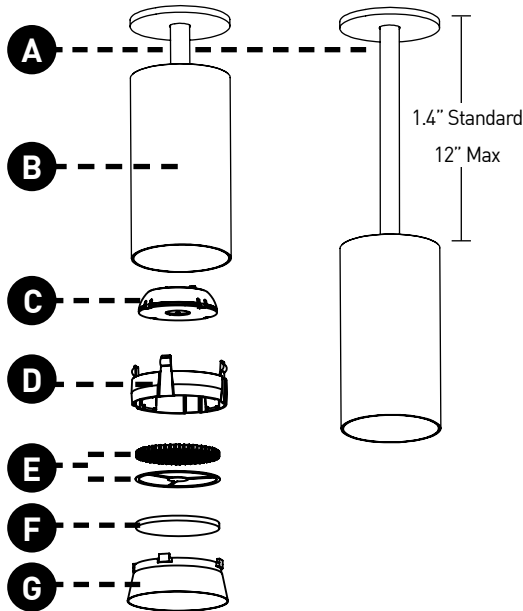
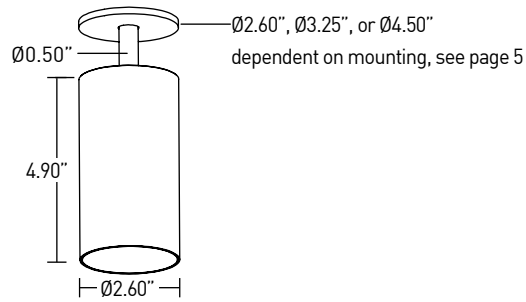
Features 90° tilt and 365° rotation. Only available for Dry / Damp locations.

### J FIXED FIXTURE

Available with pre-set tilts of 0°, 15°, 30°, or 45°, and features 365° rotation. Wet rated, may be used in Dry / Damp locations.

**IMPORTANT: FIXED FIXTURE TILT CANNOT BE ADJUSTED OR CHANGED IN THE FIELD, FIXTURES MUST BE RETURNED TO FACTORY FOR TILT CHANGES AT ADDITIONAL COST.**

## DIMENSIONS / DRAWINGS



# MONOPOINT LVS CM1 SURFACE MOUNT

## MOUNTING

### K JUNCTION BOX MOUNTING PLATE

Mounting plate (concealed) for standard 4" square or 4" 4/0 j-box. To be installed during rough-in prior to substrate. Features minimalist 2.6" diameter canopy

Part Number - CM-JBMP.

### L ZERO-SIGHTLINE

Provided with mud-in applique that mounts to standard 4" 4/0 junction box. Allows fixture canopy to be recessed into ceiling for a flush zero-sightline aesthetic. Standard plaster stop thickness of 1/16". Not recommended for stucco applications.

Dry / Damp Part Number - DLA-APP-CM

Wet Part Number - DLA-APP-CM-2

### M CEILING MOUNT JUNCTION BOX

Ceiling mount junction box perfectly matches canopy profile for a continuous, integrated look where exposed ceiling mount junction box and conduit applications apply. For use with 1/2" and 3/4" EMT conduit only. Features two conduit entrances on either side and one conduit knockout on top of j-box. J-box is IP10 rated (Dry / Damp); powdercoat finishes only. Blank off plugs included.

Part number - CM-CMJB-[Finish].

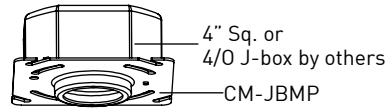
### N REMODEL / FLANGE OVERLAY

Provided with oversized canopy and mounting plate for standard 4" 4/0 junction boxes. Ideal for existing applications and features oversized 4.5" canopy to cover standard 4" octagon box cutout.

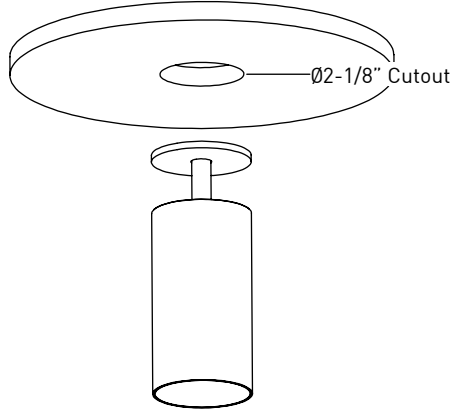
## DIMENSIONS / DRAWINGS

K

### JUNCTION BOX MOUNTING PLATE

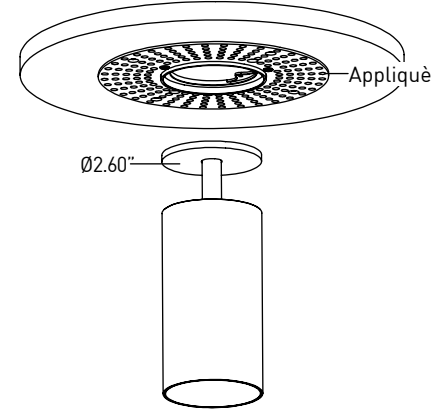
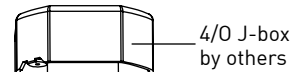


#### INSTALL JBMP BEFORE CEILING



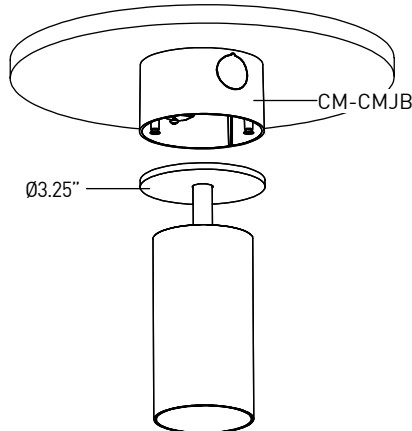
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### ZERO-SIGHTLINE



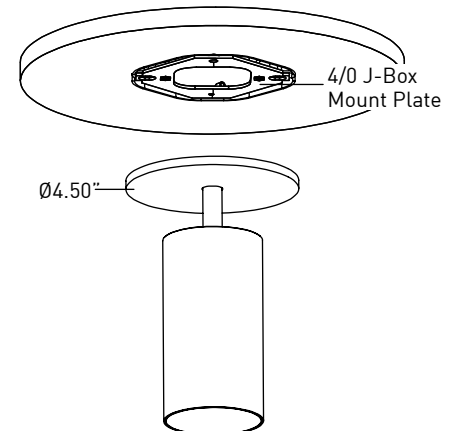
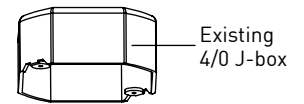
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### CEILING MOUNT JUNCTION BOX



N

### REMODEL / FLANGE OVERLAY



# MONOPOINT LVS CM1 ADJUSTABLE

## TECHNICAL

### CONSTRUCTION

Monopoint: Machined aluminum body; painted finishes are granulated powder coat; Alumina finishes are anodized aluminum.

Appliqué: Machined Aluminum

### STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+, 90+ and 97+ CRI configurations in color temperatures of 2700K, 3000K, 3500K and 4000K. 3-step MacAdam ellipse LED module available in 90+ CRI configurations in color temperature of 2400K. Average rated lamp life of 50,000 hours.

### WARM DIM LED

3-step MacAdam ellipse warm dim LED module available in 90+ CRI configuration. 3000K or 2700K at full brightness, warming to 1800K at full dim. Average rated lamp life of 50,000 hours.

### LISTING

UL listed to UL2108 standard for Dry / Damp and IP65 Wet locations.

### DECLARE

LBC Red List Approved.

### BUY AMERICA ACT

All CM1 Adjustable and Fixed fixtures are BAA compliant.

### LIMITED WARRANTY

Manufacturer's Limited Warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service for 1-year. LED'S warranted to operate with 70% of original flux and remain within a range of 3 duv for a period of 5-years. Warranty period begins from the date of shipment by Seller. [Consult website for full warranty terms and conditions.](#)

### CHANGE LOG

- 1.04/27/2023: ADDED AU AND BB FINISHES OPTIONS FOR BODY AND STEM.
- 2.04/27/2023: ADDED DECLARE LBC RED LIST APPROVED.
- 3.08/07/2023: ADDED NEW LED AND OPTIC OFFERINGS. REMOVED 2400K OFFERING.
- 4.01/17/2024: ADDED WET RATED FIXED FIXTURE, 2400K, AND INTEGRAL WARM DIM OFFERINGS.
- 5.03/18/2024: UPDATED 10 DEGREE NARROW BEAM TO UTILIZE FILED REDUCER.

