

MONOPOINT CM1 WALL MOUNT

Elegant design mounts seamlessly and invisibly to the wall. An inventive elbow built into the fixture body that features a full 90 degree tilt.

PROJECT NAME:	TYPE:
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ORDERING INFORMATION - MONOPOINT



JA8-2022 COMPLIANCE INDICATED BY SHADING

CYLINDER	LENGTH	FIXTURE	BODY FINISH	BAFFLE FINISH	STEM FINISH	CRI / WATTAGE PACKAGE	CCT	OPTIC (UGR)	DRIVER	MEDIA	MOUNTING
CM1	SL	F92									
CM1 2.60"	LENGTHS SL 1.4" Standard STEM IS NOT FIELD CUTTABLE	FIXED ANGLE WET (IP65) F92 Fixed 90° Tilt	POWDERCOAT	POWDERCOAT	POWDERCOAT	STATIC WHITE	24 2400K* *(90+ CRI only)	10 10° (>19)	INTEGRAL	STANDARD MEDIA	ROUGH-IN
			WH White	WH White	WH White	80S11A 80+ CRI, 11 Watts Lumens Delivered - 1095	15 15° (<13)	CA 0-10V Analog 120-277V	4 Soft Focus Lens	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 substrate installation)	
			BK Black	BK Black	BK Black	90S11A 90+ CRI, 11 Watts Lumens Delivered - 941	20 20° (<10)	CE Electronic ELV / TRIAC 120V	2 Honeycomb Louver* *(Not available for Wet Location or Warm Dim)		
			AB Architectural Bronze	AB Architectural Bronze	AB Architectural Bronze	97S11A 97+ CRI, 11 Watts Lumens Delivered - 826	25 25° (<10)	REMOTE (120V)		3 Clear Glass Lens* *(Standard with 10" optic. Not available for Warm Dim.)	
			AG Satin Silver	AG Satin Silver	AG Satin Silver	REMOTE STATIC WHITE	40 40° (<10)	RE Electronic ELV / TRIAC	5 Frosted Glass Lens		
			AU Cashmere Gold	AU Cashmere Gold	AU Cashmere Gold	80S17A 80+ CRI, 17 Watts Lumens Delivered - 1655	60 60° (<16)	L2 Lutron, Hi-Lume 1% 2-wire		6 Frosted Soft Focus Lens	
			BB Burnt Bronze	BB Burnt Bronze	BB Burnt Bronze	90S17A 90+ CRI, 17 Watts Lumens Delivered - 1422	20 20° (<10)	REMOTE (120V-277V)	7 Frosted Linear Spread Lens		
			CF Custom Finish* *(Consult Factory)	CF Custom Finish* *(Consult Factory)	CF Custom Finish* *(Consult Factory)	97S17A 97+ CRI, 17 Watts Lumens Delivered - 1249	25 25° (<10)	RA 0-10V Analog		S Soft Focus Lens w/ Honeycomb Louver	
			ALUMINA INTERIOR APPLICATIONS ONLY	ALUMINA CONSULT FACTORY FOR ALUMINA FINISHES	ALUMINA CONSULT FACTORY FOR ALUMINA FINISHES		40 40° (<16)	LH Lutron, Hi-Lume Ecosystem 1% Fade to Black,	F Frosted Glass Lens w/ Honeycomb Louver		
			01 Brushed Obsidian					LP Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black		ED eldoLED, SOLdrive 0.1% DALI-2, LOG	
			02 Matte Obsidian					EG eldoLED, SOLdrive 0.1% 0-10V, LOG	AS1 / Athena Control ASR eldoLED, DUALdrive 0.1%* *(Includes Athena Node. Increased lead time, consult factory. ASR includes shunt.)		
			03 Brushed Dark Patinated Bronze					EN eldoLED, SOLdrive 0.1% 0-10V, LIN		CS1 / Casambi Control CSR eldoLED, DUALdrive 0.1%* *(Includes Athena Node. Increased lead time, consult factory. CSR includes shunt.)	
04 Matte Dark Patinated Bronze					SEE PAGE 4 FOR WARM DIM PROFILE COMPARISON	TUNABLE WHITE POWER SUPPLIES (120-277V)					
05 Brushed Aged Aluminum					90W11A 90+ CRI, 11 Watts Incandescent Profile Lumens Delivered - 654		DD1 eldoLED, DUALdrive 0.1% DALI-2, LOG				
06 Matte Aged Aluminum					Halogen Profile Lumens Delivered - 658	DG1 eldoLED, DUALdrive 0.1% 0-10V, LOG					
07 Brushed Cast Brass					REMOTE WARM DIM		DL1 eldoLED, DUALdrive 0.1% 0-10V, LIN				
08 Matte Cast Brass					90W18A 90+ CRI, 18 Watts Incandescent Profile Lumens Delivered - 1017	AD1 / Athena Control ADR eldoLED, DUALdrive 0.1%* *(Includes Athena Node. Increased lead time, consult factory. ADR includes shunt.)					
09 Brushed Light Patinated Bronze					Halogen Profile Lumens Delivered - 1017		CD1 / Casambi Control CDR eldoLED, DUALdrive 0.1%* *(Includes Casambi Node. Extended lead time, consult factory. CDR includes shunt)				
10 Matte Light Patinated Bronze					REMOTE TUNABLE WHITE						
			ALUMINA NOT RECOMMENDED FOR EXTERIOR APPLICATIONS, FINISHES ARE NOT UV RATED								

PART NUMBER NOTES

- CM1 ships as e.g., CM1SLF92WHBK90S11*3040CA*4F
- Remote driver ships as e.g., PS-RMT-90S-11A-1L2*
- Mounting ships separate from fixture, part numbers listed on page 6.



MONOPOINT CM1 WALL MOUNT

FINISHES

POWDERCOAT FINISHES



ALUMINA FINISHES BY LUCIFER LIGHTING™



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 | Tunable White |
|--|--|--|
| <input type="checkbox"/> RO-50-15-S 15° optic | <input type="checkbox"/> RO-50-20-W 20° optic | <input type="checkbox"/> RO-50-15-T 15° optic |
| <input type="checkbox"/> RO-50-20-S 20° optic | <input type="checkbox"/> RO-50-25-W 25° optic | <input type="checkbox"/> RO-50-20-T 20° optic |
| <input type="checkbox"/> RO-50-25-S 25° optic | <input type="checkbox"/> RO-50-40-W 40° optic | <input type="checkbox"/> RO-50-25-T 25° optic |
| <input type="checkbox"/> RO-50-40-S 40° optic | <input type="checkbox"/> RO-50-60-W 60° optic | <input type="checkbox"/> RO-50-40-T 40° optic |
| <input type="checkbox"/> RO-50-60-S 60° optic | | <input type="checkbox"/> RO-50-60-T 60° optic |

EMERGENCY LIGHTING - REMOTE MOUNT ONLY

During disruption of main power, emergency battery inverter provides temporary 120V or 277V to fixture.

- EMB-S-25-120/277-LEDX** 25 watt max capacity, 120 or 277 VAC 60Hz, Non-Dimmable
- EMB-S-100-120-LEDX** 100 watt max capacity, 120 VAC 60Hz, 0-10V Dimmable
- EMB-S-100-277-LEDX** 100 watt max capacity, 277 VAC 60Hz, 0-10V Dimmable
- EMB-S-250-120/277-LEDX** 250 watt max capacity, 120 or 277 VAC 60Hz, 0-10V Dimmable

***SHUNT REQUIRED FOR USE WITH ATHENA AND CASAMBI CONTROLS, CONSULT FACTORY FOR DETAILS.**

MONOPOINT CM1 WALL MOUNT

PERFORMANCE - 3000K

LUMEN PACKAGE	WATTAGE	10° OPTIC NO 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	
		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
80S11A	11	631	57	991	90	1093	99	1095	100	1019	93	1145	104
80S17A	17	861	51	1435	84	1701	100	1655	97	1513	89	1640	96
90S11A	11	544	51	851	86	939	95	941	96	875	89	984	100
90S17A	17	740	41	1233	76	1461	90	1422	87	1300	80	1409	86
97S11A	11	469	43	747	68	824	75	826	75	768	70	864	79
97S17A	17	639	38	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
90T17A (4000K-1800K)	17	-	-	798	47	917	54	896	53	811	48	910	54
90T17A (5000K-2700K)	17	-	-	791	47	909	53	888	52	803	47	902	53

 **JA8-2022 INDICATED BY SHADING**

UNIFIED GLARE RATING

10° OPTIC NO 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

TUNABLE WHITE MULTIPLIER

CCT	5000K-2700K	4000K-1800K
5000K	1.16	-
4000K	1.08	1.14
3500K	1.04	1.07
3000K	1.00	1.00
2700K	0.96	0.92
2400K	-	0.84
1800K	-	0.69

MONOPOINT CM1 WALL MOUNT

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

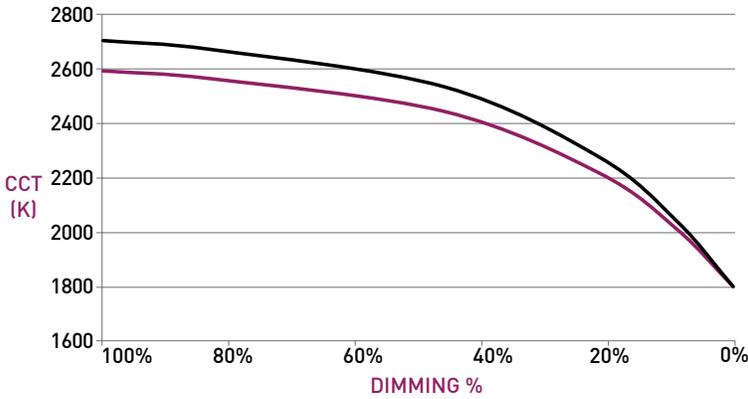
90W18AL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2600	2650	2620	2520	2180	1950	1800
Light Output (Lm)	1017	813	711	508	203	101	203
Power (W)	18	14.4	12.6	9	3.6	1.8	.36
Efficacy (LPW)	56	56	56	56	56	56	56

HALOGEN WARM DIM PROFILE

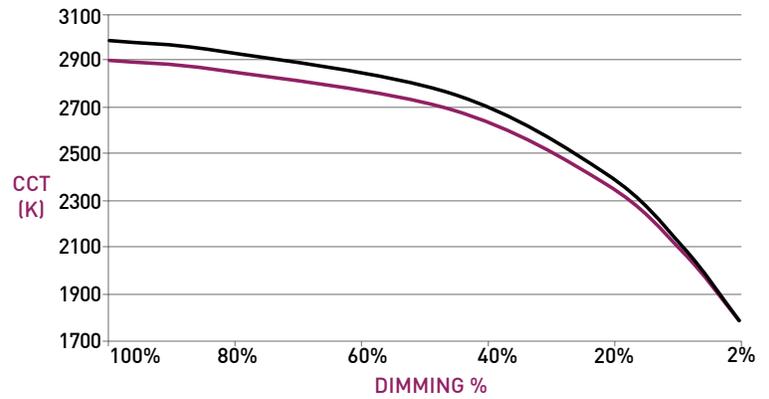
90W11AD 2900K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2900	2850	2800	2720	2350	1975	1800
Light Output (Lm)	658	526	460	329	131	65	13
Power (W)	11	8.8	7.7	5.5	2.2	1.1	.22
Efficacy (LPW)	59	59	59	59	59	59	59

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

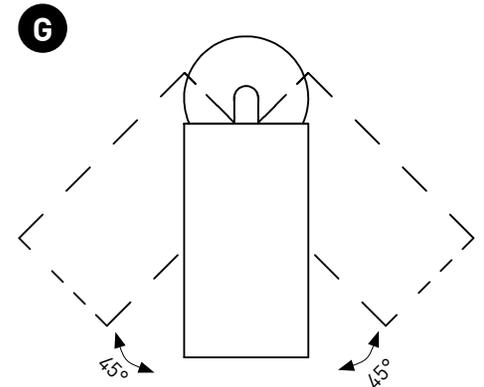
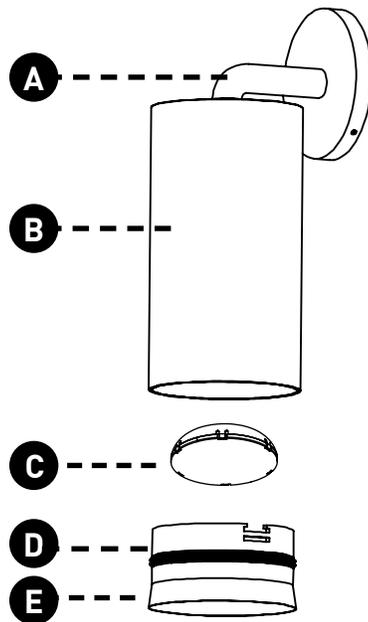
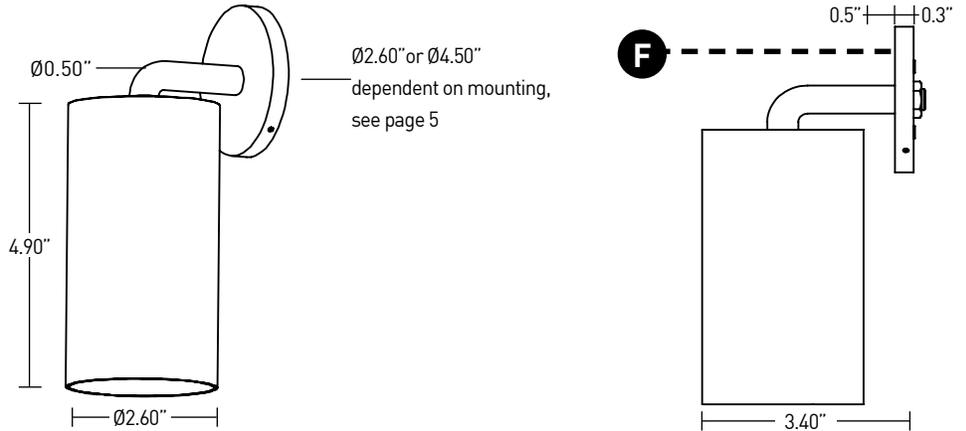


MONOPOINT CM1 WALL MOUNT

MONOPOINT

- A STEM**
Standard length is 1.4". 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). Power supply integrated into fixture body.
- C OPTICS**
Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 20°, 25°, 40° & 60° beams.
- D MEDIA**
Accepts 2 media; Soft Focus Lens standard. Wet location media sealed in place.
- E BAFFLE**
Baffle minimizes aperture glare and conceals view into fixture. Powdercoat finishes standard, consult factory for Alumina finishes.
- F CANOPY**
Features 0.3" deep canopy and mounting screws.
- G FIXED FIXTURE**
Available with pre-set tilt of 90° and can be aimed up to 45° off vertical. Wet rated, may be used in Dry / Damp locations.

DIMENSIONS / DRAWINGS



MONOPOINT CM1 WALL MOUNT

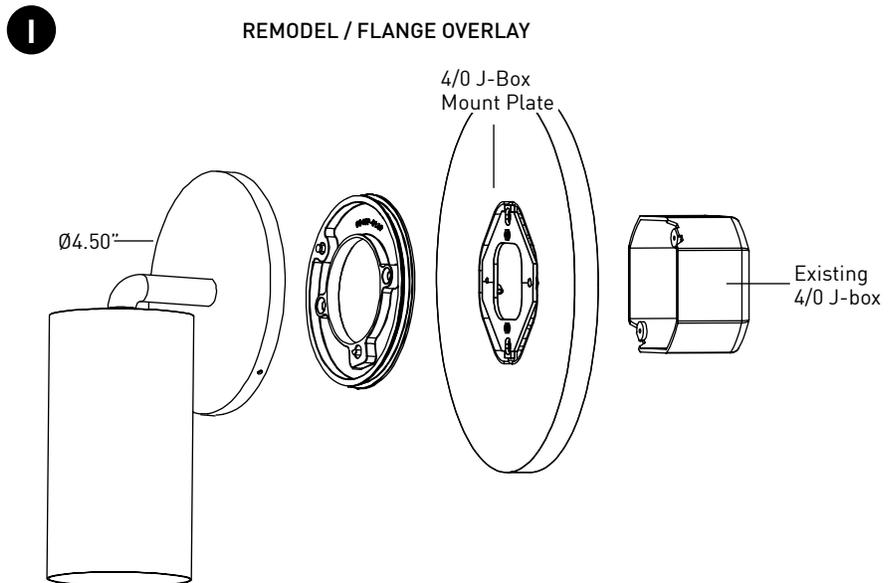
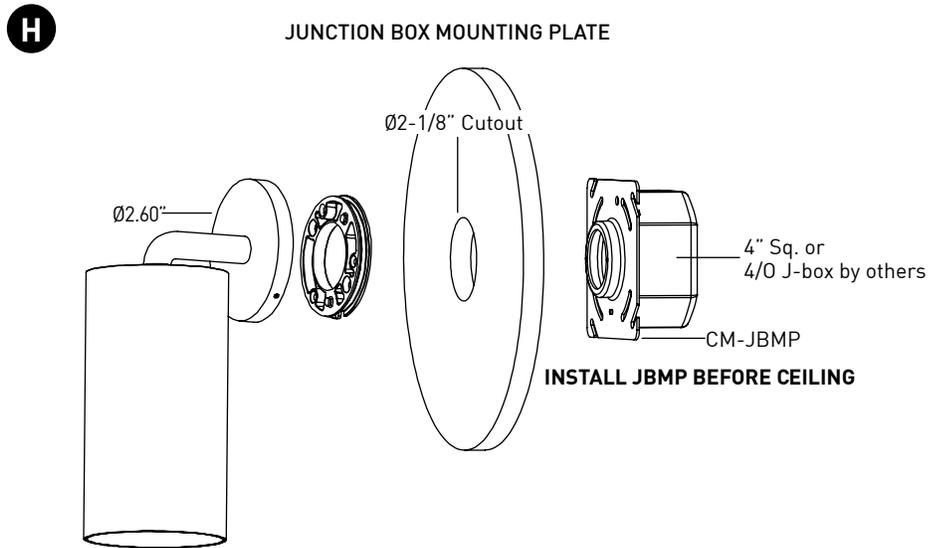
MOUNTING

H **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 - CM1WM-JBMP.

I **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



MONOPOINT CM1 WALL MOUNT

REMOTE POWER SUPPLY

J Remote power supply provides additional driver options. See page 8 for maximum allowable wiring distance. Must be installed in an accessible location.

K ATHENA / CASAMBI CONTROL
Controls integrated into remote driver assembly. All equipment is serviceable.

Athena Model Numbers: A-WN-D01-RF-BL & DFC-OEM-DBI

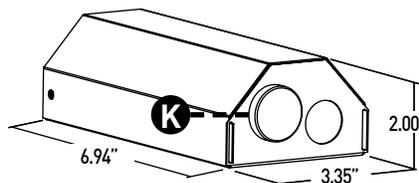
Casambi Model Number: BT-S1E1-5400

L ATHENA / CASAMBI EM SHUNT
Included with drivers specified as ASR, ATR, CSR, or CTR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

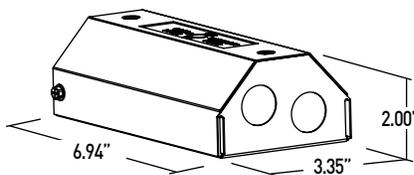
Model Number: PS-RMT-SHUNT

DIMENSIONS / DRAWINGS

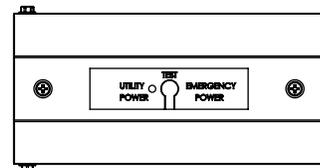
J



L



ATHENA / CASAMBI
EM SHUNT



MONOPOINT CM1 WALL MOUNT

TECHNICAL

CONSTRUCTION

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

Remote Power Supply: 22 Gauge galvanized steel.

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.

TUNABLE WHITE LED

3-step MacAdam ellipse tunable white LED module available in 90+ CRI configuration. Features tuning ranges of 1800K to 4000K and 2700K to 5000K. Average rated lamp life of 50,000 hours.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

Power Supply	PHASE		ECO		0-10V					DALI-2	ATHENA		CASAMBI	
	CE/RE	L2	LH	LP	CA/RA	SG	SN	EG	EN	ED	AS	AT	CS	CT
Minimum °C	-20 °C	0 °C	0 °C	0 °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C
Maximum °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C
Dimming %	2.0%	1.0%	1.0%	0.1%	2.0%	1.0%	1.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Note: For L2, LH, LP, SG, SN, EG and EN drivers consult chart on page 9 to confirm appropriate dimming curve for compatibility with selected control.

MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

DRIVER	WIRE AWG				
	12	14	16	18	20
RA, RE	-	164'	105'	66'	40'
SG, SN	285'	180'	113'	71'	45'
L2, LH, LP	60'	40'	25'	15'	-
EG, EN, ED, AS, AT, CS, CT	-	-	118'	72'	46'

LISTING

cTUVus listed to UL1598 standard for IP65 Wet locations.

Title 24 JA8-2022 Listed. NEMA 410 Compliant.

DECLARE

LBC Red List Approved.

BUY AMERICA ACT

All CM1 Wall Mount 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 and power supplies are warranted to operate with 70% of original flux and remain within a range of 3 duv for a period of 5-years.

10-year Lutron Advantage limited warranty available on Lutron equipped systems. Warranty period begins from the date of shipment by Seller.

[Consult website for full warranty terms and conditions.](#)

CHANGE LOG

1.02/13/2024: ADDED TUNABLE WHITE OFFERING.

MONOPOINT CM1 WALL MOUNT

DIMMING COMPATABILITY

PHILIPS DRIVER COMPATIBILITY

Power supply SG Manufacturer	Family/Model #
Lutron Electronics	DVTV plus PP-DV
Lutron Electronics	DVSCTV plus PP-DV
Lutron Electronics	DVSTV
Lutron Electronics	DVSCSTV
Lutron Electronics	QSGRJ-XP plus GRX-TVI
Lutron Electronics	QSGRJ-XE plus GRX-TVI
Lutron Electronics	QSGR-XE plus GRX-TVI
Lutron Electronics	NFTV plus PP-DV
Lutron Electronics	NTSTV
Lutron Electronics	RMJ-5T
Lutron Electronics	RMJS-8T
Lutron Electronics	FCJS-010
Leviton	IllumaTch IP7 series
Philips	Sunrise - SR1200ZTUNV

LUTRON DRIVER COMPATIBILITY

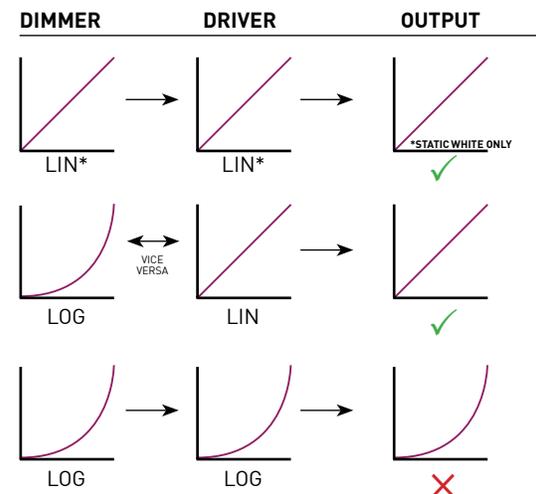
Power supply L2 Lutron Product Family	Part No.
Maestro WirelessR 600 W dimmer	MRF2-6ND-120-
Maestro WirelessR 1000 W dimmer	MRF2-10ND-120-
Caséta® Wireless Pro 1000 W dimmer	PD-10NXD-
GRAFIK T™ CL® dimmer	GT-250M-GTJ-250M-
HomeWorks® QS adaptive dimmer	HQRD-6NA-
HomeWorks® QS 600 W dimmer	HQRD-6ND-
HomeWorks® QS 1000 W dimmer	HQRD-10ND-
RadioRA® 2 adaptive dimmer	RRD-6NA-
RadioRA® 2 1000 W dimmer	RRD-10ND
myRoom™ DIN power module	MQSE-4A1-D
HomeWorks® QS DIN power module	LQSE-4A1-D
HomeWorks® QS wallbox power module	HQRJ-WPM-6D-120
HomeWorks® wallbox power module	HWI-WPM-6D-120
GRAFIK Eye® QS control unit	QSGR-, QSGRJ-
GRAFIK Eye® 3000 control unit	GRX-3100-GRX-3500-
RPM-4U module (LCP, HomeWorks® QS, GRAFIK Systems™, Quantum®)	HW-RPM-4U-120 LP-RPM-4U-120
RPM-4A module (LCP, HomeWorks® QS, GRAFIK Systems™, Quantum®)	HW-RPM-4A-120, LP-RPM-4A-120
GP dimming panels	Various
Ariadni CL 250W dimmer	AYCL-253P-
Diva CL 250W dimmer	DVCL-253P-DCSCCL-253P-
Nova T CL 250W dimmer	NTCL-250-
Power supply LH / LP Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-ECO32-DV-B
PowPak Dimming Modules	FCJ/FCJS-ECO
Energi Savr Nodes	QSN-1ECO-S
GRAFIK Eye QS control unit	QSN-2ECO-S
Homeworks QS control unit	QSGRJ- _E (wireless) QSGR- _E
Quantum Hub	QP2-__ 2C
Quantum Hub	QP2-__ 4C
Quantum Hub	QP2-__ 6C
Quantum Hub	QP2-__ 8C
Homeworks QS power module	LQSE-2ECO-D
myRoom Plus power module	



eldoLED DRIVER COMPATIBILITY

Power supply EG Manufacturer	Family/Model #
Busch-Jaeger	2112U-101
Jung	240-10
Leviton Lighting Controls	IP710-DLX
Lightolier Controls	ZP600FAM120
Merten	5729
Pass & Seymour	CD4FB-W
The Watt Stopper	DCLV1
Synergy	ISD BC
Crestron®	GLX-DIMFLV8
Crestron®	GLXP-DIMFLV8
Crestron®	GLPAC-DIMFLV4-*
Crestron®	GLPAC-DIMFLV8-*
Crestron®	GLPP-DIMFLVEX-PM
Crestron®	GLPP-1DIMFLV2EX-PM
Crestron®	GLPP-1DIMFLV3EX-PM
Crestron®	DIN-A08
Crestron®	DIN-4DIMFLV4
Crestron®	CLS-EXP-DIMFLV
Crestron®	CLCI-1DIMFLV2EX
Power supply EN Manufacturer	Family/Model #
Lutron Electronics	Nova T® - NTFTV
Lutron Electronics	Diva® - DVTV
Lutron Electronics	Nova® - NFTV
Lutron Electronics	GraxEye® GRX-TVI w GRX3503
Lutron Electronics	Energy Savr Node™ - QSN-4T16-S
Lutron Electronics	TVM2 Module
Sensor Switch	nI0 EZ
ABB	SD/S 2.16.1

ANALOG DRIVERS AND DIMMERS



LIN = LINEAR
 LOG = LOGARITHMIC
 *LIN-TO-LIN NOT COMPATIBLE FOR WARM-DIM