MONOPOINT
CM2 ADJUSTABLE

PROJECT NAME:

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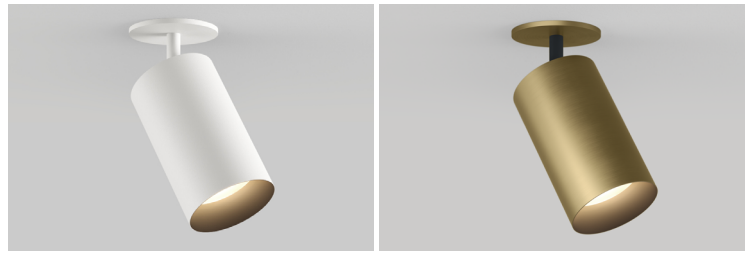
Elegant design means this monopoint does more. An inventive elbow built into the fixture body that allows a full 90 degree tilt and drop lengths of up to 1' extend adjustability.

ORDERING INFORMATION - MONOPOINT

JA8-2019 COMPLIANCE INDICATED BY SHADING

CYLINDER	LENGTH	FIXTURE	BODY FINISH	BAFFLE FINISH	STEM FINISH	LUMEN PACKAGE	CCT	OPTIC	DRIVER	EFFECTS DEVICE	MOUNTING
CM2		**AD1**									
CM2 3.25"	**LENGTHS** **SL** 1.4" Standard **06** 6" **12** 12" **CUSTOM LENGTHS** **XX** Specify in 1" increments between 2"-11" (Ex. 4" = 04)* *(Increased lead time) * STEMS ARE NOT FIELD CUTTABLE	AD1 90° Tilt Dry/Damp	**POWDERCOAT** **WH** White **BK** Black **AB** Architectural Bronze **AG** Satin Silver **AU** Cashmere Gold **BB** Burnt Bronze **CF** Custom Finish* *(Consult Factory) **ALUMINA** **01** Brushed Obsidian **02** Matte Obsidian **03** Brushed Dark Patinated Bronze **04** Matte Dark Patinated Bronze **05** Brushed Aged Aluminum **06** Matte Aged Aluminum **07** Brushed Cast Brass **08** Matte Cast Brass **09** Brushed Light Patinated Bronze **10** Matte Light Patinated Bronze	**POWDERCOAT** **WH** White **BK** Black **AB** Architectural Bronze **AG** Satin Silver **AU** Cashmere Gold **BB** Burnt Bronze **CF** Custom Finish* *(Consult Factory) **ALUMINA** CONSULT FACTORY FOR ALUMINA FINISHES	**POWDERCOAT** **WH** White **BK** Black **AB** Architectural Bronze **AG** Satin Silver **AU** Cashmere Gold **BB** Burnt Bronze **CF** Custom Finish* *(Consult Factory) **ALUMINA** CONSULT FACTORY FOR ALUMINA FINISHES	**STATIC WHITE** **80C12A** 80+ CRI, Delivered Lumens - 888 **80C19A** 80+ CRI, Delivered Lumens - 1370 **90C10A** 90+ CRI, Delivered Lumens - 761 **90C15A** 90+ CRI, Delivered Lumens - 1171 **97C09A** 97+ CRI, Delivered Lumens - 681 **97C14A** 97+ CRI, Delivered Lumens - 1050 **REMOTE STATIC WHITE** **80C31B** 80+ CRI, Delivered Lumens - 1951 **90C27B** 90+ CRI, Delivered Lumens - 1672 **97C24B** 97+ CRI, Delivered Lumens - 1496 **WARM DIM** **90W11A** 90+ CRI, Delivered Lumens - 890 Incandescent Profile **90W12A** 90+ CRI, Delivered Lumens - 975 Standard Profile *SEE PAGE 3 FOR WARM DIM PROFILE COMPARISON. *DELIVERED LUMENS AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 25° OPTIC AND SOFT FOCUS LENS.	**22** 2200K* *(Only available with 90+ CRI) **27** 2700K **30** 3000K **35** 3500K **40** 4000K **27** 2700K **30** 3000K **35** 3500K* *(Not available for 97+ CRI) **40** 4000K **WL** 2700K - 1800K **WD** 3000K - 1800K	**10** 10°* *(Not available with 2200K) **15** 15° **25** 25° **40** 40° **60** 60° **15** 15° **25** 25° **40** 40° **60** 60° **25** 25° **40** 40° **60** 60°	**INTEGRAL** **CA** 0-10V Analog 120-277V **CE** Electronic ELV / TRIAC 120V **REMOTE** **L2** Lutron, Hi-Lume 1% 2-wire 120V **SG** 0-10V Analog, LOG 1% 120 or 277V* *(Not available for 80C31B, 90C27B, or 97C24B) **SN** 0-10V Analog, LIN 1% 120 or 277V* *(Not available for 80C31B, 90C27B, or 97C24B) **LH** Lutron, Hi-Lume Ecosystem 1% Fade to Black, 120 or 277V **LP** Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black, 120 or 277V **EG** eldoLED, SOLOdrive 0.1% 0-10V, LOG 120 or 277V **EN** eldoLED, SOLOdrive 0.1% 0-10V, LIN 120 or 277V **ED** eldoLED, SOLOdrive 0.1% DALI, LOG 120 or 277V	**STANDARD EFFECTS DEVICE** **4** Soft Focus Lens **0** No Lens* *(Standard with 10° optic) **ALTERNATE EFFECTS DEVICE** **2** Honeycomb Louver* *(Not available for Warm Dim) **3** Clear Glass Lens* *(Not available for Warm Dim) **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	**ROUGH-IN** **J** JBMP 4" Sq. or 4/0 Junction Box Mounting Plate. Features 3.25" diameter canopy* *(Mounting plate must be installed on junction box prior to ceiling installation) **FINISH OUT** **G** Zero Sightline Gypsum (1/16" Appliquè) Features 2.6" diameter canopy* *(Mounts to 4/0 junction box) **C** CMJB 1/2" and 3/4" Conduit Ceiling Mount Junction Box. Features matching 3.25" canopy.* *(Available in powdercoat finishes. Alumina finish fixtures ship with Black powdercoat CMJB.) **F** Remodel 4.5" Flange Overlay Canopy* *(Mounts to existing 4/0 junction box)

ALUMINA FINISHES BY LUCIFER LIGHTING™

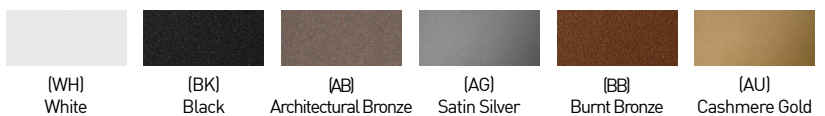| (01) Brushed Obsidian	(03) Brushed Dark Patinated Bronze	(05) Brushed Aged Aluminum	(07) Brushed Cast Brass	(09) Brushed Light Patinated Bronze
(02) Matte Obsidian	(04) Matte Dark Patinated Bronze	(06) Matte Aged Aluminum	(08) Matte Cast Brass	(10) Matte Light Patinated Bronze

*ALUMINA FINISHES ARE ANODIZED ALUMINUM

PART NUMBER NOTES

- CM2 ships as e.g., CM202AD1WHBKWH90C15*3040CA*4
- Remote driver ships as e.g., PS-RMT-90C-10A-1L2*
- Mounting ships separate from fixture, part numbers listed on page 3.

POWDERCOAT FINISHES

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

Red List Approved

Declare.

MONOPOINT CM2 ADJUSTABLE

ACCESSORIES

ALTERNATE EFFECTS DEVICES

☐ **HCL-CT2** Honeycomb Louver*

*(Not available for Warm Dim)

☐ **CGL-CT2** Clear Glass Lens*

*(Not available for Warm Dim)

☐ **SFL-CT2** Soft Focus Lens

☐ **FGL-CT2** Frosted Glass Lens

☐ **FSFL-CT2** Frosted Soft Focus Lens

☐ **FLSL-CT2** Frosted Linear Spread Lens

SECOND EFFECTS DEVICE GASKET

Replaces standard gasket when installing second effects device. Not required if two effects devices are specified with fixture.

☐ **2EDG-CT2** Two Effects Device Gasket

REPLACEMENT OPTICS

Interchangeable optics accessible by removing baffle.

☐ **RO-70-15-1** 15° optic*

*(Not available for Warm Dim)

☐ **RO-70-25-1** 25° optic

☐ **RO-70-40-1** 40° optic

☐ **RO-70-60-1** 60° optic

◎ PERFORMANCE - 3000K

LUMEN PACKAGE	WATTAGE	10° OPTIC NO SOFT FOCUS LENS		15° 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
80C12A	10	926	93	851	85	888	89	630	63	778	78
80C19A	17	1302	77	1313	77	1370	81	972	57	1200	71
80C31B	26	-	-	2205	84	1951	75	1539	59	1795	69
90C10A	10	784	78	729	73	761	76	540	54	666	67
90C15A	17	1103	65	1125	66	1174	69	833	49	1028	60
90C27B	26	-	-	1889	72	1672	64	1319	50	1538	59
97C09A	10	726	73	653	65	681	68	483	48	596	60
97C14A	17	1021	60	1007	59	1050	62	745	44	920	54
97C24B	26	-	-	1690	65	1496	57	1180	45	1376	53
90W11A (2700K)	16	-	-	-	-	890	56	679	42	804	50
90W12A	16	-	-	-	-	975	61	706	44	835	52

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OUTPUT MULTIPLIER	
CCT	CCT SCALE
2200K (Contact factory for JA8 details)	0.800
2700K	0.957
3000K	1.000
3500K	1.019
4000K	1.030

LIGHT LOSS FACTOR MULTIPLIER	
No Lens	1.05
CGL	1.00
SFL	1.00
FGL	0.90
FSFL	0.87
FLSL	0.83
HCL	0.65
SFL W/ HCL	0.65
FGL W/ HCL	0.58

## ☀ WARM DIM PERFORMANCE - SOFT FOCUS LENS - 25° OPTIC

STANDARD WARM DIM PROFILE

90W12 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)	975	780	683	438	195	97	20
Power (W)	16	13	11	8	3	1.6	0.3
Efficacy (LPW)	61	61	61	61	61	61	61
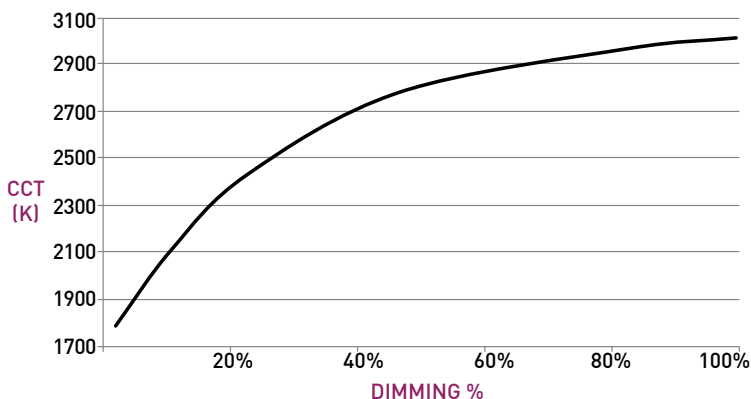
WARM DIM TO MIRROR INCANDESCENT DIMMING PROFILE

90W11 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)	2700	2650	2620	2520	2180	1950	1800
Light Output (Lm)	890	712	623	445	178	89	18
Power (W)	16	13	11	8	3	1.6	0.3
Efficacy (LPW)	56	56	56	56	56	56	56
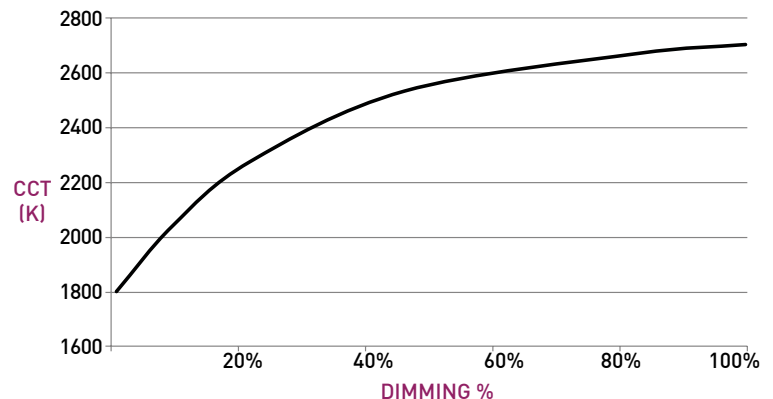
MONOPOINT CM2 ADJUSTABLE

MONOPOINT

Ⓐ JBMP
Mounting plate (concealed) for standard 4" square or 4" 4/0 j-box . To be installed during rough-in prior to substrate. Features minimalist 3.25" diameter canopy.

Part Number - CM-JBMP.

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

Part Number - DLA-APP-CM

Ⓒ 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; powdercoat finishes only. Blank off plugs included.

Part number - CM-CMJB-(Finish).

Ⓓ 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.

Ⓔ 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.

Ⓕ BODY
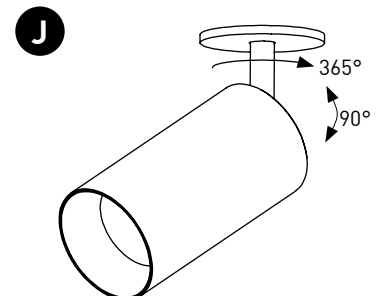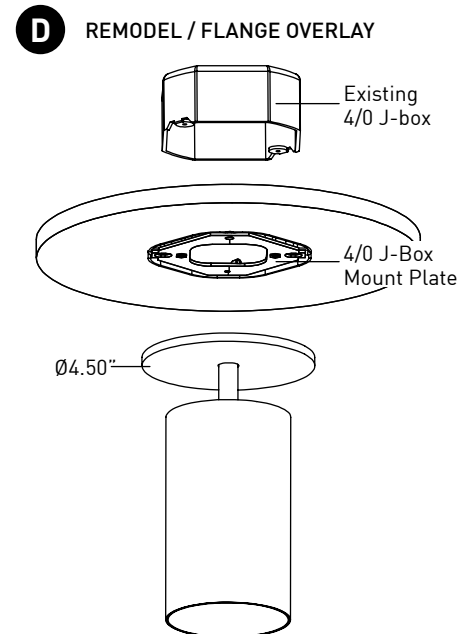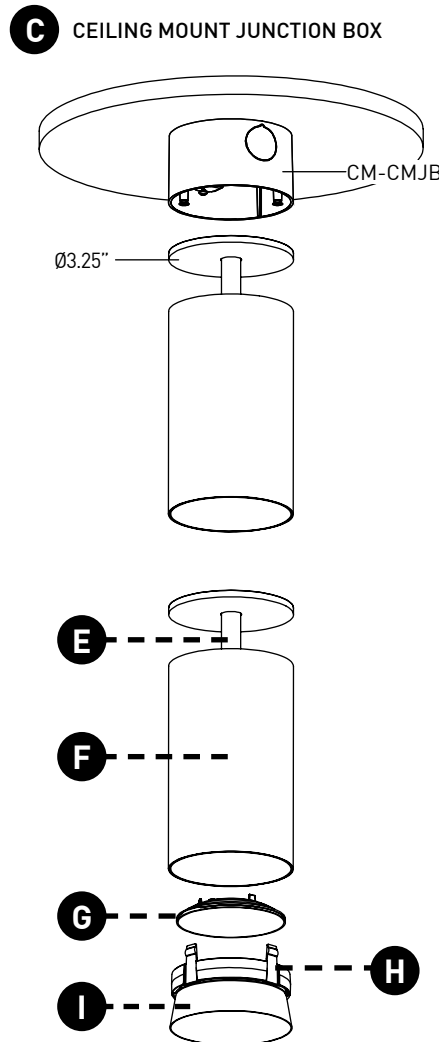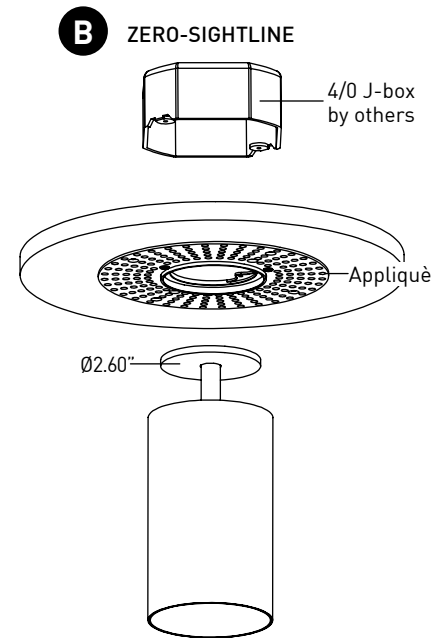Available in powdercoat and Alumina finishes. Power supply integrated into fixture body.

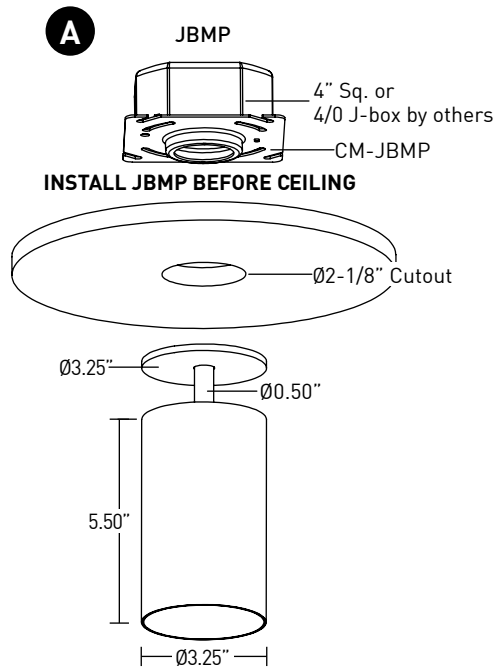**Ⓖ OPTICS**
Optic integrates Reflection, Refraction and TIR offering 10°, 15°, 25°, 40° & 60° beams.

Ⓗ EFFECTS DEVICES
Accepts 2 effects devices; Soft Focus Lens standard.

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

Ⓙ ADJUSTABILITY
Features 90° tilt and 365° rotation.

DIMENSIONS / DRAWINGS

Ⓐ JBMP

4" Sq. or 4/0 J-box by others
CM-JBMP

INSTALL JBMP BEFORE CEILING

Ø2-1/8" Cutout
Ø3.25"
Ø0.50"
5.50"
Ø3.25"

Ⓑ ZERO-SIGHTLINE

4/0 J-box by others
Appliquè
Ø2.60"

Ⓒ CEILING MOUNT JUNCTION BOX

CM-CMJB
Ø3.25"

Ⓔ
Ⓕ
Ⓖ
Ⓘ
Ⓗ

Ⓓ REMODEL / FLANGE OVERLAY

Existing 4/0 J-box
4/0 J-Box Mount Plate
Ø4.50"

Ⓙ
365°
90°

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REMOTE POWER SUPPLY

(K) Remote power supply provides additional driver options. See page 5 for maximum allowable wiring distance. Must be installed in an accessible location.

DIMENSIONS / DRAWINGS

(K)

6.60"

3.20"

2.00"

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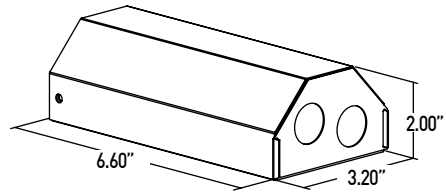
MONOPOINT CM2 ADJUSTABLE

TECHNICAL

CONSTRUCTION

<u>Monopoint</u>: Machined aluminum body; painted finishes are granulated powder coat; Alumina finishes are anodized.
<u>Remote Power Supply</u>: 22 Gauge galvanized steel.
<u>Appliqué</u>: Machined Aluminum

STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+, 90+ and 97+ CRI configurations in color temperatures of 2200K, 2700K, 3000K, 3500K and 4000K. 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.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

	PHASE		ECO		0-10V					DALI
Power Supply	CE	L2	LH	LP	CA	SG	SN	EG	EN	ED
Minimum °C	-20 °C	0 °C	0 °C	0 °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
Dimming %	2.0%	1.0%	1.0%	0.1%	2.0%	1.0%	1.0%	0.1%	0.1%	0.1%

Note: For L2, LH, LP, SG, SN, EG and EN drivers consult chart on page 8 to confirm appropriate dimming curve for compatibility with selected control.

MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

DRIVER	WIRE AWG				
	12	14	16	18	20
SG, SN	285'	180'	113'	71'	45'
L2, LH, LP	60'	40'	25'	15'	-
EG, EN, ED	-	-	118'	72	46'

LISTING

cTUVus listed to UL1598 standard for Dry / Damp locations.
Title 24 JA8-2019 Listed.

DECLARE

LBC Red List Approved.

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 and conditional upon the use of manufacturer-supplied power supply. 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.

Declare.

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MONOPOINT CM2 ADJUSTABLE

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 Homeworks QS control unit	QSN-2ECO-S
GRAFIK Eye QS control unit 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 myRoom Plus power module	LQSE-2ECO-D

LUTRON 2016 OEM ADVANTAGE ACCOUNT

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-AO8
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	GrafixEye® GRX-TVI w GRX3503
Lutron Electronics	Energy Savr Node™ - QSN-4T16-S
Lutron Electronics	TVM2 Module
Sensor Switch	nIO EZ
ABB	SD/S 2.16.1

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