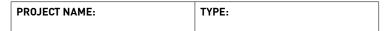
MONOPOINT

CM1 HANG STRAIGHT

An innovative solution for sloped ceilings, this monopoint "hang straight" can suspend with a rigid stem up to 4' in length, for ceiling pitches up to 45° while still allowing for a full 90° tilt.





ORDERING INFORMATION - MONOPOINT



JA8-2022 COMPLIANCE INDICATED BY SHADING

				1	1						
YLINDER	LENGTH	FIXTURE	BODY FINISH	BAFFLE FINISH	STEM FINISH	CRI/WATTAGE PACKAGE	сст	OPTIC (UGR)	DRIVER	MEDIA	MOUNTING
CM1		HS1	TINISH	TIMOT	TINIST	PACKAGE		(OOK)			
CM1	1 0	Fixture Tilt, Max ceiling pitch 12/12 [45°]	POWDERCOAT WH White BK Black AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze CF Custom Finish* *(Consult Factory) ALUMINA O1 Brushed Obsidian O2 Matte Obsidian O3 Brushed Dark Patinated Bronze O4 Matte Dark Patinated Bronze O5 Brushed Aged Aluminum O6 Matte Aged Aluminum O7 Brushed Cast Brass O8 Matte Cast Brass O9 Brushed Light Patinated Bronze 10 Matte Light Patinated Bronze 11 WHBK90S11* PS-RMT-90S-1	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 80511A 80+ CRI, 11 Watts Im Delivered - 1095 90511A 90+ CRI, 11 Watts Im Delivered - 941 97511A 97+ CRI, 11 Watts Im Delivered - 826 REMOTE STATIC WHITE 80517A 80+ CRI, 17 Watts Im Delivered - 1655 90517A 90+ CRI, 17 Watts Im Delivered - 1422 97517A 90+ CRI, 17 Watts Im Delivered - 1429 WARM DIM 90W11A 90+ CRI, 11 Watts Im Delivered - 1249 WARM DIM 90W11A 90+ CRI, 11 Watts Im Delivered - 654 Halogen Profile Im Delivered - 654 Halogen Profile Im Delivered - 1017 Halogen Profile Im Delivered - 1017 SEE PAGE 4 FOR WARM DIM PROFILE COMPARISON REMOTE TUNABLE WHITE 90T17A 90+ CRI, 17W Cool Profile: 5000K - 2700K Im Delivered - 888 Warm Profile: 4000K - 1800K Im Delivered - 889 ALL LM DELIVERED AND T24 COMPLIANCE REFLECT 3000K PAIRED	24 2400K* *(90+ CRI only) 27 2700K 30 3000K 35 3500K 40 4000K 24 2400K* *(90+ CRI only) 27 2700K 30 3000K 35 3500K 40 4000K WL 2600K- 1800K WD 2900K- 1800K WD 2700K- 1800K TH 5000K- 1800K TR 4000K-	20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<16) 20 20° (<10) 25 25° (<10) 40 40° (<13) 20 20° (<10) 25 25° (<10) 40 40° (<13) 15 15° (<13) 20 20° (<10) 60 60° (<13)	120-277V CE Electronic ELV / TRIAC 120V REMOTE (120V) RE Electronic ELV / TRIAC 120V REMOTE (120V-277V) RA 0-10V Analog LH Lutron, Hi-Lume Ecosystem 1% Fade to Black, LP Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black, EG eldoLED, SOLOdrive 0.1% 0-10V, LOG EN eldoLED, SOLOdrive 0.1% 0-10V, LOG EN eldoLED, SOLOdrive 0.1% DALI-2, LOG AS1 / Athena Control ASR eldoLED, DUALdrive 0.1%* *(Includes Athena Node. Increased lead time, consult factory. ASR includes shunt.) CS1 / Casambic Control CSR eldoLED, DUALdrive 0.1%* *(Includes Athena Node. Increased lead time, consult factory. CSR includes shunt.) TUNABLE WHITE POWER SUPPLIES (120-277V) DD eldoLED, DUALdrive 0.1% DALI-2, LOG DG eldoLED, DUALdrive 0.1% DALI-2, LOG DG eldoLED, DUALdrive 0.1% DALI-2, LOG DN eldolED, DUALdrive 0.1% DALI-2, LOG		ROUGH-IN 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) FINISH OUT G Zero Sightline Gypsum (1/16" Applique) Features 2.6" diameter canopy* *(Mounts to 4/0 junction box.) W Zero Sightline Millwork Features 2.6" diameter canopy* *(Mounts to 4/0 junction box. Requires accessory part number CMIS-RT6 ordered separately.) R Remodel 4.5" Flange Overlay Canopy* *(Mounts to existing 4/0 junction box)





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 Wh	nite	Warm D	im	Tunable White		
☐ R0-50-15-S	15° optic	□ R0-50-20-W	20° optic	☐ R0-50-15-S	15° optic	
☐ R0-50-20-S	20° optic	☐ R0-50-25-W	25° optic	☐ R0-50-20-S	20° optic	
☐ R0-50-25-S	25° optic	□ R0-50-40-W	40° optic	☐ R0-50-25-S	25° optic	
☐ R0-50-40-S	40° optic	☐ R0-50-60-W	60° optic	☐ R0-50-40-S	40° optic	
☐ R0-50-60-S	60° optic		·	☐ R0-50-60-S	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
 □ EMB-S-100-120-LEDX
 □ EMB-S-100-277-LEDX
 □ EMB-S-100-277-LEDX
 □ EMB-S-250-120/277-LEDX
 □ EMB-S-250-120/277-LEDX
 25 watt max capacity, 120 or 277 VAC 60Hz, 0-10V Dimmable
 100 watt max capacity, 277 VAC 60Hz, 0-10V Dimmable
 250 watt max capacity, 120 or 277 VAC 60Hz, 0-10V Dimmable

ZERO-SIGHTLINE MILLWORK ROUTER TOOL GUIDE

Required for zero-sightline millwork installations. Factory recommends qty. 2 per order.

☐ CMHS-RTG Router Tool Guide



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

PERFORMANCE - 3000K

LUMEN		10° 0 FIELD R		15° 0		20° 0 SOFT FOC		25° C SOFT FOO		40° OPTIC SOFT FOCUS LENS		60° 0	
PACKAGE	WATTAGE	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
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	15° OPTIC	20° OPTIC	25° OPTIC	40° OPTIC	60° OPTIC
FIELD REDUCER	SOFT FOCUS LENS				
>19	<16	<10	<10	<10	

MEDIA LIGHT LOSS MULTIPLIER

MEDIA	LIGHT LOSS FACTOR				
No Lens	1.05				
CGL	1.00				
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

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

TUNABLE WHITE MULTIPLIER

IUNABLI	E WHITE MO	LIIFLIER
ССТ	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

reserves the right to change or withdraw specifications without prior notice.

WARM DIM PERFORMANCE - SOFT FOCUS LENS - 25° OPTIC

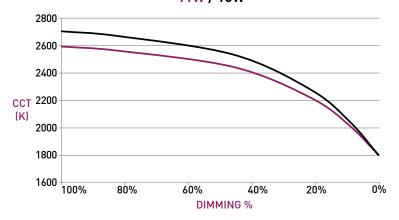
INCANDESCENT DIMMING PROFILE

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

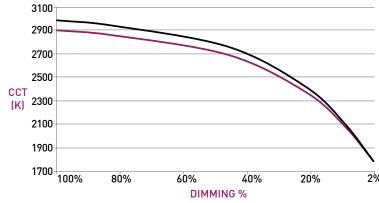
HALOGEN WARM DIM PROFILE

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%
3000K - 1800K	100%	to 80%	to 70%	to 50%	to 20%	to 10%	to 2%
3000K - 1800K CCT (K)	100% 3000	to 80% 2950	to 70% 2920	to 50% 2775	to 20% 2375	to 10% 2000	to 2%





11W / 18W



pg. 4

MONOPOINT

A STEM

Standard length is 3", also available in 24" and 48" lengths. All lengths excepts 3" are field cuttable. Powdercoat finishes standard, consult factory for Alumina finishes.

BODY

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

OPTICS

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

10° FIELD REDUCER

Provided with 10° optic, includes honeycomb louver. Reduces field angle by 30%.

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

BAFFLE

Accepts 2 media devices. Baffle minimizes aperture glare and conceals view into fixture. Powdercoat finishes standard, consult factory for Alumina finishes.

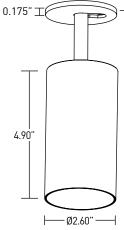
6 HANG STRAIGHT CANOPY

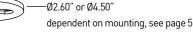
Features hidden ball joint that accomodates installations on up to 12/12 (45°) sloped ceilings.

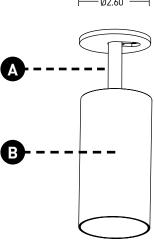
ADJUSTABILITY

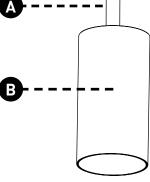
Features locking 90° tilt and 365° rotation. Stem features 45° tilt to accommodate up to 12/12 slopes.

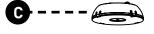
DIMENSIONS / DRAWINGS



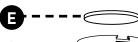




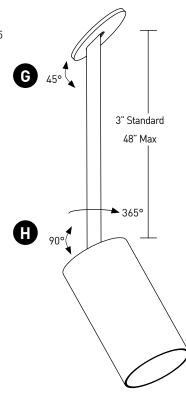












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MOUNTING

IMPORTANT: Fixture cannot be installed with pancake junction boxes.

JUNCTION BOX MOUNTING PLATE Mounting plate (concealed) for standard 4" square or 4" 4/0 junction boxes. To be installed during rough-in prior to substrate.

Features minimalist 2.6" diameter canopy

Part Number - CMHS-JBMP

J ZERO-SIGHTLINE DRYWALL

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 or zero-sightline aesthetic. Standard plaster stop thickness of 1/16". Not recommended for stucco applications.

Part Number - DLA-APP-CMHS

REMODEL / FLANGE OVERLAY

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

ZERO-SIGHTLINE MILLWORK

Mounting plate (concealed) for standard 4" square or 4" 4/0 junction boxes. To be installed during rough-in prior to substrate. Router guide, specified separately, required to make surface bore allowing fixture canopy to be recessed into ceiling for a flush or zero-sightline aesthetic.

Part Number - CMHS-JBMP

Router Guide Part Number - CMHS-RTG

DIMENSIONS / DRAWINGS ZERO-SIGHTLINE DRYWALL JUNCTION BOX MOUNTING PLATE 4/0 J-box 4" Sq. or 4/0 J-box by others by others -CM-JBMP-HS **INSTALL JBMP BEFORE CEILING** Ø2-1/8" Cutout Appliquè Ø2.60"-ZERO-SIGHTLINE MILLWORK REMODEL / FLANGE OVERLAY Existing 4" Sq. or 4/0 J-box 4/0 J-box by others CM-JBMP-HS **INSTALL JBMP BEFORE CEILING** 4/0 J-Box Mount Plate Ø2.60" / 0.175" deep Ø2-1/8" Cutout surface bore Ø2.60"-

Router Tool Guide

REMOTE POWER SUPPLY

- Remote power supply provides additional driver options. See page 8 for maximum allowable wiring distance. Must be installed in an accessible location.
- ATHENA / CASAMBI CONTROL Controls integrated into remote driver assembly. All equipment is serviceable.

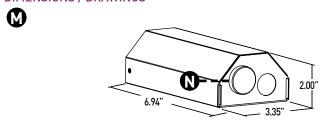
Athena Model Numbers: A-WN-D01-RF-BL & DFC-0EM-DBI

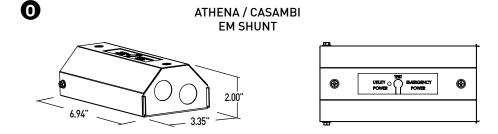
Casambi Model Number: BT-S1E1-5400

ATHENA / CASAMBI EM SHUNT Inlouded 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





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pg. 7

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.



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

	PHASE	E	CO		0-10V				DALI-2		ATHENA		CASAMBI			
Power Supply	CE/RE	LH	LP	CA/RA	SG	SN	EG	EN	DG	DN	ED	DD	AS	AT	CS	СТ
Minimum °C	-20 °C	0°C	0°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	40 °C	40 °C
Dimming %	2.0%	1.0%	0.1%	2.0%	1.0%	1.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

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

MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

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

LISTING

cTUVus listed to UL1598 standard for Dry / Damp locations. Title 24 JA8-2022 Listed. NEMA 410 Compliant.

DECLARE

LBC Red List Approved.

BUY AMERICA ACT

All CM1 Hang Straight 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.



1.02/13/2024: ADDED TUNABLE WHITE OFFERING.

2.03/18/2024: UPDATED 10 DEGREE NARROW BEAM TO UTILIZE FILED REDUCER.

3.07/15/2024: REMOVED L2 DRIVER OFFERING.

4.09/19/2024: UPDATED WITH NEW BAFFLE DESIGN.





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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

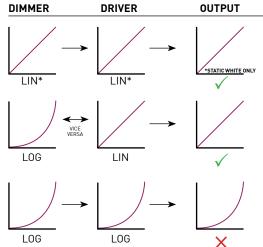
Power supply LH / LP Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-EC032-DV-B
PowPak Dimming Modules	FCJ/FCJS-ECO
Energi Savr Nodes	QSN-1ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJE (wireless) QSGRE
Quantum Hub	QP22C
Quantum Hub	QP24C
Quantum Hub	QP26C
Quantum Hub	QP28C
Homeworks QS power module myRoom Plus power module	LQSE-2ECO-D



eldoLED DRIVER COMPATIBILITY

Power supply EG, DG 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, DN 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

ANALOG DRIVERS AND DIMMERS



LIN = LINEAR LOG = LOGARITHMIC

*LIN-TO-LIN NOT COMPATIBLE FOR WARM-DIM

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luciferlighting.com