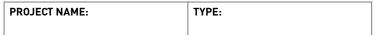
# **MONOPOINT**

# **CM2 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

CYLINDER	LENGTH	FIXTURE	BODY FINISH	BAFFLE FINISH	STEM FINISH	CRI/WATTAGE PACKAGE	ССТ	OPTIC (UGR)	DRIVER	MEDIA	MOUNTING
CM2		HS1									
M2 3.25"	LENGTHS SL 3" Standard 24 24" 48 48" 24" AND 48" STEMS ARE FIELD CUTTABLE. 3" STANDARD LENGTH STEM IS MINIMUM LENGTH.	ADJUSTABLE DRY / DAMP HS1 Adjustable 90° Fixture Titt, Max ceiling pitch 12/12 (45°)	AB Architectural Bronze AG Satin Silver	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  80S11A 80+ CRI, 11 Watts Im Delivered - 1216  80S17A 80+ CRI, 17 Watts Im Delivered - 1843  90S11A 90+ CRI, 11 Watts Im Delivered - 1045  90S17A 90+ CRI, 17 Watts Im Delivered - 1583  97S11A 97+ CRI, 17 Watts Im Delivered - 918  97S17A 97+ CRI, 17 Watts Im Delivered - 1390  REMOTE STATIC WHITE  80S28B 80+ CRI, 28 Watts Im Delivered - 2756  90S28B 90+ CRI, 28 Watts Im Delivered - 2368  97S28B 97+ CRI, 28 Watts Im Delivered - 2079  WARM DIM  90L17A 90+ CRI, 17 Watts Incandescent Profile Im Delivered - 1244  Halogen Profile Im Delivered - 1309  SEE PAGE 3 FOR WARM DIM PROFILE COM- PARISON.  REMOTE TUNABLE WHITE  90T28B 90+ CRI, 28W Cool Profile: 5000K - 2700K Im Delivered - 1977  Warm Profile: 4000K - 1800K Im Delivered 1995	24 2400K* ** 90+ CRI only  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  TH 5000K- 2700K  TR 4000K-	15 15° (<13) 20 20° (<10) 25 25° (<10) 40 40° (<10)	CA 0-10V Analog 120-277V  CE Electronic ELV / TRIAC 120V  REMOTE (120V)  RE Electronic ELV / TRIAC * *[18W Max]  REMOTE (120V-277V)  RA 0-10V Analog * *[18W Max]  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% 10V, LOG  AST / Athena Control ASR eldoLED, SOLOdrive 0.1% 2.1% 10V, LOG  AST / Athena Control ASR eldoLED, SOLOdrive 0.1% 2.1% 10V, LOG  CST / Casambi Control CSR eldoLED, DUALdrive 0.1% * *Ilinctudes Athena Node. Increased lead time, consult factory. ASR inctudes shunt.]  CS1 / Casambi Control CSR eldoLED, DUALdrive 0.1% * *Ilinctudes Athena Node. Increased lead time, consult factory. CSR inctudes shunt.]  TUNABLE WHITE POWER SUPPLIES (120-277V)  EldoLED, DUALdrive 0.1% DALdrive 1.1% DALL VICE 1.00 DALL VICE 1.10		ROUGH-IN  J JBMP 4" Sq. or 4/0 Junction Box Mounting Plate Features 3.25" diameter canop (Mounting plate must be installed on junction box prior to ceiling installation)  FINISH OUT G Zero Sightline Gypsum (1/16" Appliqu 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 numbe CMHS-RTG ordered separately.] R Remodel 4.5" diameter Flange Overlay Canopy* * Mounts to * wisting 4/ junction box)





factory. CDR includes shunt)

### **FINISHES**

### **POWDERCOAT FINISHES**



### **ALUMINA FINISHES BY LUCIFER LIGHTING™**



### **ACCESSORIES**

#### REPLACEMENT MEDIA

□ HCL-CT2 Honeycomb Louver
□ CGL-CT2 Clear Glass Lens
□ SFL-CT2 Soft Focus Lens
□ FGL-CT2 Frosted Glass Lens
□ FSFL-CT2 Frosted Soft Focus Lens
□ FLSL-CT2 Frosted Linear Spread Lens

### **REPLACEMENT OPTICS**

Interchangeable optics accessible by removing baffle.

Static Wh	nite	Warm D	im	Tunable White		
☐ R0-70-15-S	15° optic	☐ R0-70-15-W	15° optic	☐ R0-70-15-S	15° optic	
☐ R0-70-20-S	20° optic	☐ R0-70-20-W	20° optic	☐ R0-70-20-S	20° optic	
☐ R0-70-25-S	25° optic	☐ R0-70-25-W	25° optic	☐ R0-70-25-S	25° optic	
☐ R0-70-40-S	40° optic	☐ R0-70-40-W	40° optic	☐ R0-70-40-S	40° optic	
☐ R0-70-60-S	60° optic	☐ R0-70-60-W	60° optic	☐ R0-70-60-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



<sup>\*</sup>SHUNT REQUIRED FOR USE WITH ATHENA AND CASAMBI CONTROLS, CONSULT FACTORY FOR DETAILS.

## 0 (

### 🕟 PERFORMANCE - 3000K

LUMEN	WATTAGE	10° 0 FIELD R		15° 0 SOFT FOO			20° OPTIC SOFT FOCUS LENS		25° OPTIC SOFT FOCUS LENS		40° OPTIC SOFT FOCUS LENS		60° OPTIC SOFT FOCUS LENS	
PACKAGE		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	
80S11A	11	613	55	1143	104	1216	111	1202	109	1124	102	949	86	
80S17A	17	828	49	1750	103	1843	108	1823	107	1690	99	1440	85	
80S28B	28	-	-	2571	92	2756	98	2694	96	2529	90	2072	74	
90S11A	11	528	48	982	89	1045	95	1033	94	966	88	815	74	
90S17A	17	714	42	1503	88	1583	91	1566	92	1452	85	1237	73	
90S28B	28	-	-	2209	79	2368	85	2314	83	2193	78	1780	64	
97S11A	11	456	41	862	78	918	83	907	82	848	77	716	65	
97S17A	17	616	36	1320	78	1390	82	1375	81	1275	75	1086	64	
97S28B	28	-	-	1939	69	2079	74	2032	73	1908	68	1563	56	
90L17A (2700K-1800K)	17	-	-	1249	73	1244	73	1229	72	1177	69	1046	62	
90L17A (3000K-1800K)	17	-	-	1314	77	1309	77	1293	76	1238	73	1100	65	
90T28B (4000K-1800K)	28	-	-	1972	70	1995	71	1971	70	1837	66	1655	59	
90T28B (5000K-2700K)	28	-	-	1954	70	1977	71	1953	70	1820	65	1640	59	

### 24 24

### 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	<13	<13	<13	<13	

#### 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**

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

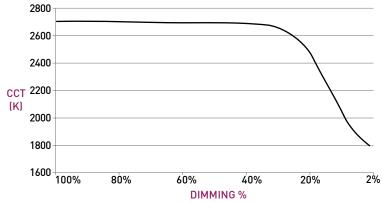
### TUNABLE WHITE MULTIPLIER

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		

### WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

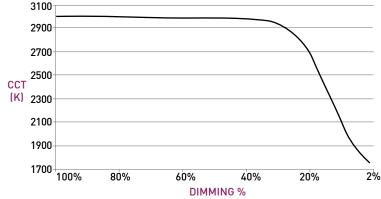
### INCANDESCENT PROFILE

90L17AWL 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	2700	2700	2700	2500	1950	1800
Light Output (Lm)	1244	995	871	622	249	124	25
Power (W)	17	8.8	7.7	5.5	2.2	1.1	0.2
Efficacy (LPW)	73	73	73	73	73	73	73



### HALOGEN PROFILE

90L17AWD 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	3000	3000	3000	3000	2150	1800
Light Output (Lm)	1309	1047	916	655	262	131	26
Power (W)	17	8.8	7.7	5.5	2.2	1.1	0.2
Efficacy (LPW)	77	77	77	77	77	77	77



NOTE: LIN-TO-LIN 0-10V PAIRING NOT COMPATIBLE WITH WARM DIM.

luciferlighting.com



[PH] +1-210-227-7329

### 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.

### B 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

Soft Focus Lens, Honeycomb Louver, and Field Reducer provided with 10° optic. 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.

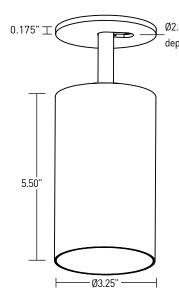
### G HANG STRAIGHT CANOPY

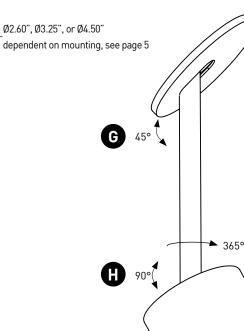
Features hidden ball joint that accomodates installations on up to 12/12 (45°) sloped ceilings.

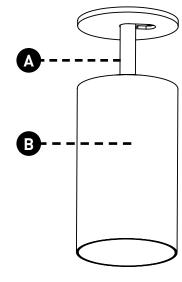
### ADJUSTABILITY

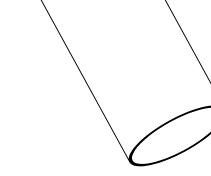
Features locking 90° tilt and 365° rotation. Stem features 45° tilt to accommodate up to 12/12 slopes.

### **DIMENSIONS / DRAWINGS**



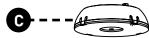


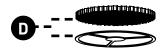




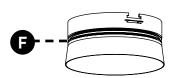
3" Standard

48" Max









### **MOUNTING**

IMPORTANT: Fixture cannot be installed with pancake junction boxes.

Mounting plate (concealed) for standard 4" square or 4" 4/0 j-box . To be installed during rough-in, prior to substrate, for ceiling thicknesses up to 0.75". Fixture to mount flush with minimalist transition to ceiling.

Part Number - CMHS-JBMP

### 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.

Part Number - CMHS-SMK

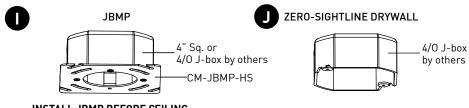
### ZERO-SIGHTLINE MILLWORK

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.

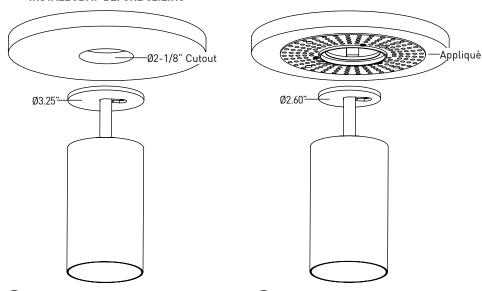
Part Number - CMHS-JBMP

Router Guide Part Number - CMHS-RTG

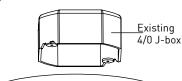
### **DIMENSIONS / DRAWINGS**



### **INSTALL JBMP BEFORE CEILING**

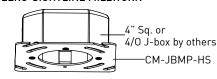


## REMODEL / FLANGE OVERLAY

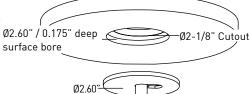


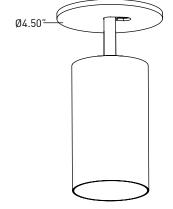
4/0 J-Box Mount Plate

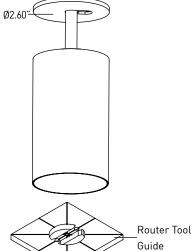




### **INSTALL JBMP BEFORE CEILING**









pg. 5

### **REMOTE POWER SUPPLY**

- Remote power supply provides additional driver options. See page 7 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.

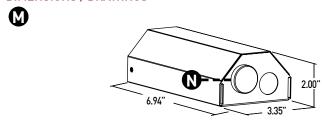
Athena Model Numbers: A-WN-D01-RF-BL & DFC-0EM-DBI

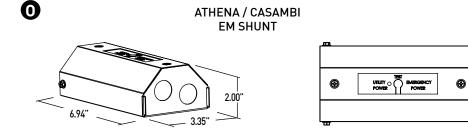
Casambi Model Number: BT-S1E1-5400

ATHENA / CASAMBI EM SHUNT Inlcuded 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**







### 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	0		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	-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 8 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 CM2 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.

5.05/07/2025: UPDATED WARM DIM OFFERING.





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

### DIMMING COMPATABILITY

### PHILIPS DRIVER COMPATIBILITY

Power supply <b>SG</b> 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**

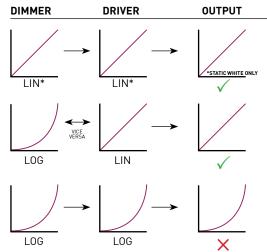
Power supply LH / LP Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-EC032-DV-B
PowPak Dimming Modules	FCJ/FCJS-ECO
Energi Savr Nodes	QSN-1ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJE (wireless) QSGRE
Quantum 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 <b>EG, DG Manufacturer</b>	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



LOG = LOGARITHMIC

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

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