Our best-selling cylinders keep getting better. Adjustable, fixed, and wallwash are all offered in a broad range of sizes, with lumens from 500 to almost 5000lm, standard 90° tilt, and more than a dozen finish options. Now, there's a fixture for anywhere you need to illuminate anything.

PROJECT NAME: TYPE:





ORDERING INFORMATION

JA8-2022 COMPLIANCE INDICATED BY SHADING

CY2X 3125 6 AD 90* Adjustable 1 Dary / Canopy 1/1900 MW Walkwish FB Fixed WW Walkwish F Fixed WW Walkwish WW Walkwish F Fixed WW Walkwish WW Walkw												
CYZX 3.125	CYLINDER	FUNCTION	RATING			CRI	WATTAGE	ССТ	OPTIC(UGR)	MEDIA	POWER SUPPLY	MOUNTING
AS Shallow Canopy** FINISHES WH White AG Satin Silver AU Cashmere Gold AB Architectural Bronze BB Burnt Br	CY2X											
Patinated Bronze FINISH IMAGES ON PAGE 2 ALUMINA NOT RECOMMENDED FOR EXTERIOR APPLICATIONS, FINISHES ARE NOT UV RATED **ALL DELIVERED LUMEN OUTPUTS AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 20° OPTIC AND SOFT FOCUS LENS. UDD eldoLED, DUALdrive D-10V, LIN UADI / Athena Control, UADR EldoLED, DUALdrive* **ALL DELIVERED LUMEN OUTPUTS AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 20° OPTIC AND SOFT FOCUS LENS. UDD eldoLED, DUALdrive UDD eldoLED, DUALdrive O-10V, LIN UADI / Athena Control, UADR EldoLED, DUALdrive* **ALL DELIVERED LUMEN OUTPUTS AND T24 COMPLIANCE REFLECT SOMOK PAIRED WITH 20° OPTIC AND SOFT FOCUS LENS. UCD1/ Casambi Control, UCDR EldoLED, DUALdrive* **Induces Node, Extended lead time, consultactory, UADR/UCDR interpretations.	CY2X 3.125" Ø	AS Shallow Canopy* *(Remote driver only) AW Adj. Wallwash FB Fixed WW Wallwash	Damp (IP30) 2 Wet (IP65)	FINISHES WH White AG Satin Silver AU Cashmere Gold AB Architectural Bronze BB Burnt Bronze BK Black CF Custom Finish* *(Consult Factory) ALUMINA FINISHES 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 09 Brushed Light Patinated Bronze 10 Matte Light Patinated Bronze 11 Matte Light Patinated Bronze 12 FINISH IMAGES ON PAGE 2 ALUMINA NOT RECOMMENDED FOR EXTERIOR APPLICATIONS, FINISHES ARE NOT	FINISHES WH White AG Satin Silver AU Cashmere Gold AB Architectural Bronze BB Burnt Bronze BK Black CF Custom Finish* *(Consult Factory) ALUMINA FINISHES 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 09 Brushed Light Patinated Bronze 10 Matte Light Patinated Bronze 10 Matte Light Patinated Bronze	WHITE 80S 90S 97S WARM DIM 90L TUNABLE WHITE 90T	WHITE 11B 11W, 950 Lm 17B 17W, 1475 Lm 23B 23W, 1960 Lm WARM DIM 17A 17W 24B 24W Incandescent Profile 17A - 1298 Lm 24B - 1693 Lm Halogen Profile 17A - 366 Lm 24B - 1866 Lm *SEE PAGE 4 FOR DE- TAILED PERFORMANCE CONFIGURATIONS AND WARM DIM PROFILE COMPARISON. TUNABLE WHITE IREMOTE DRIVER ONLY) 32B 32W Warm Profile 2430 Lm Cool Profile 2277 Lm *ALL DELIVERED LUMEN OUTPUTS AND T24 COOPTIC AND SOFT FOCUS	30 3000K 35 3500K 40 4000K WL 2700K- 1800K TR 4000K- 1800K TR 5000K- 2700K	*(17W only) 15 15° [<13] 20 20° [<10] 20 20° [<10] 40 40° [<10] 60 60° [<16] WW Wallwash* *(Required for WW) *(24B Not a vailable with 0, 2, 3 or C media) 25 25° [<10] 35 35° [<13] 50 50° [<13] WW Wallwash* *(Required for WW) 15 15° [<13] 20 20° [<10] 25 25° [<10] 40 40° [<10] 60 60° [<13] WW Wallwash* *(Required for WW) SEE PAGE 4 FOR	4 Soft Focus Lens (SFL)* *(Required for 10° optic) ALTERNATE MEDIA 0 No Lens* *(Not available for Wet Location) 2 Honey Comb Louver (HCL)* *(Not available for Wet Location) 3 Clear Glass Lens (FGL) 5 Frosted Glass Lens (FGL) 6 Frosted Soft Focus Lens (FSFL) 7 Frosted Linear Spread Lens (FLSL) C Clear Glass Film w/ Honeycomb Louver S Soft Focus Film w/ Honeycomb Louver W Wallwash Lens* *(Required for Ww and AW fixture)	UCA 0-10V Analog 120-277V, LIN 1CE 120V Electronic Forward/Reverse REMOTE (120V) 1TR Philips, 2% Forward/Reverse* *117W Max) 1RE Forward/Reverse* *117W Max) 1RE Forward/Reverse REMOTE (120-277V) URA 0-10V Analog, LIN ULH Lutron Hi-Lume Ecosystem 1% Fade to Black UAN Philips Xitanium 1%0-10V, LOG ULN Philips Xitanium 1%0-10V, LOG ULN Philips Xitanium 1%0-10V, LIN UEG eldoLED, 0.1%0-10V, LIN UED eldoLED, 0.1%0-10V, LIN UED eldoLED, 0.1% DALI-2, LIN UAS1/Athena Control UASR EldoLED, 0.1% 120-277V* *Ilncludes Node. Extended lead time, consult factory. UASR/UCSR includes shum.] TUNABLE WHITE REMOTE (0.1%, 120-277V) UDD eldoLED, DUALdrive DALI-2 DT6, LOG UDG eldoLED, DUALdrive 0-10V, LIN UAD1/Athena Control, UADR EldoLED, DUALdrive* UCD1/ Casambi Control, UADR EldoLED, DUALdrive* *Ilncludes Node. Extended lead time (100 LP) UADR EldoLED, DUALdrive*	ROUGH-IN JBMP 4" Sq. or 4/0 Junction Box Mounting Plate FINISH OUT CMJB* 1/2" and 3/4" Conduit Ceiling Mount Junction Box* *(Available in powdercoat finishes. Alumina finish fixtures ship with Black powdercoat CMJB. Dry/ Damp rated.] SMK3 3/0 Surface Mount Kit* *(Available in powdercoat finishes. Dry/Damp rated.)

PART NUMBER NOTES

- CY2X ships as e.g., CY2XAD1WHWH80S17A304041CE3
- Remote driver ships as e.g., PS-RMT-80S17A-1RE3
- Mounting part numbers listed on page 6





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

pg. 1

ACCESSORIES

REPLACEMENT MEDIA - INCLUDES LENS RETAINER

Dry / Damp location only, consult factory for wet location replacements

☐ SFL-CY2X-01 Soft Focus Lens Honeycomb Louver ☐ HCL-CY2X-01 ☐ CGL-CY2X-01 Clear Glass Lens ☐ FGL-CY2X-01 Frosted Glass Lens ☐ FSFL-CY2X-01 Frosted Soft Focus Lens

☐ FLSL-CY2X-01 Frosted Linear Spread Lens □ CGL-HCL-CY2X-01 Clear Glass Film W/ Honeycomb Louver ☐ SFL-HCL-CY2X-01 Soft Focus Film W/ Honeycomb Louver

STATIC WHITE REPLACEMENT OPTICS

15° optic ☐ RO-70-15-S 20° optic ☐ R0-70-20-S 25° optic □ R0-70-25-S ☐ R0-70-40-S 40° optic 60° optic ☐ R0-70-60-S

WARM DIM REPLACEMENT OPTICS

□ R0-70-20-W 20° optic 25° optic □ R0-70-25-W 40° optic □ R0-70-40-W □ R0-70-60-W 60° optic

TUNABLE WHITE REPLACEMENT OPTICS

☐ RO-70-15-T 15° optic □ RO-70-20-T 20° optic □ RO-70-25-T 25° optic 40° optic ☐ R0-70-40-T □ RO-70-60-T 60° optic

SUCTION CUP TOOL

□ CYX-TOOL-SUCTION Baffle removal tool, provided with every 5 fixtures

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

☐ EMB-S-100-120-LEDX 100 watt max capacity, 120 VAC 60Hz, 0-10V dimmable 100 watt max capacity, 277 VAC 60Hz, 0-10V dimmable ☐ EMB-S-100-277-LEDX

□ EMB-S-250-120/277-LEDX 250 watt max capacity, 120 or 277 VAC 60Hz
*SHUNT REQUIRED FOR USE WITH ATHENA AND CASAMBI CONTROLS, CONSULT FACTORY FOR DETAILS.

POWDERCOAT FINISHES









(WH) White

(AG) Satin Silver Powder Coat

Cashmere Gold Architectural Bronze Powder Coat Powder Coat

(AB)

(BB) Burnt Bronze Powder Coat (BK) Black

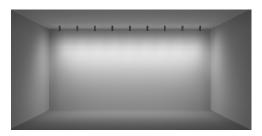
ALUMINA FINISHES BY LUCIFER LIGHTING™



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

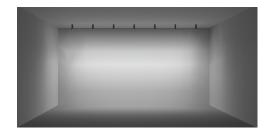
pg. 2

WALLWASH DESIGN GUIDE



10° TILT 30" SETBACK / 30" ON CENTER SPACING

- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 33.74
- MAX / MIN: 4.89
- 9 FIXTURES / 25FT WALL SHOWN



30" SETBACK / 42" ON CENTER SPACING

- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 25.44
- MAX / MIN: 6.25
- 9 FIXTURES / 25FT WALL SHOWN

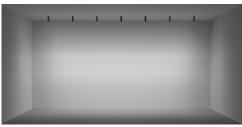


RECOMMENDED

15° TILT

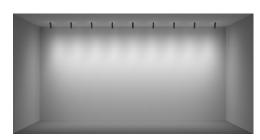
36" SETBACK / 36" ON CENTER SPACING

- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 30.07
- MAX / MIN: 4.35
- 9 FIXTURES / 25FT WALL SHOWN



RECOMMENDED 36" SETBACK / 48" ON CENTER SPACING

- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 20.44
- MAX / MIN: 6.06
- 9 FIXTURES / 30FT WALL SHOWN



20° TILT 42" SETBACK / 42" ON CENTER SPACING

- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 27.25
- MAX / MIN: 4.07
- 9 FIXTURES / 25FT WALL SHOWN



42" SETBACK / 54" ON CENTER SPACING

- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 16.48
- MAX / MIN: 6.24
- 9 FIXTURES / 35FT WALL SHOWN

ADDITIONAL SETBACKS AND SPACINGS

ON CENTER		SETBACK / TILT										
SPACING	30" / 10°	36" / 15°	42" / 20°									
30"	SHOWN ABOVE	AVERAGE FC: 35.46 MAX / MIN: 4.37	AVERAGE FC: 36.51 MAX / MIN: 4.12									
36"	AVERAGE FC: 28.80 MAX / MIN: 4.98	SHOWN ABOVE	AVERAGE FC: 31.27 MAX / MIN: 4.04									
42"	AVERAGE FC: 25.13 MAX / MIN: 5.20	AVERAGE FC: 26.20 MAX / MIN: 4.42	SHOWN ABOVE									

ON CENTER		SETBACK	
SPACING	30"	36"	42"
42"	SHOWN ABOVE	AVERAGE FC: 22.85 MAX / MIN: 6.30	AVERAGE FC: 20.41 MAX / MIN: 6.41
48"	AVERAGE FC: 22.75 MAX / MIN: 6.02	SHOWN ABOVE	AVERAGE FC: 18.24 MAX / MIN: 6.19
54"	AVERAGE FC: 20.53 MAX / MIN: 6.11	AVERAGE FC: 18.44 MAX / MIN: 6.09	SHOWN ABOVE

*ALL DATA REFLECTS 17A WATTAGE PACKAGE

STATIC WHITE PERFORMANCE - 3000K

LUMEN	WATTAGE	10° C FIELD R			PTIC CUS LENS		OPTIC CUS LENS	25° C SOFT FOO		40° C SOFT FOO	OPTIC CUS LENS		PTIC CUS LENS	WALLWA	WASH SH LENS	ADJ. WA	LLWASH
PACKAGE	WATTAGE	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW
80S11B	11	-	-	1095	99	1151	104	1151	104	1073	97	1018	92	706	64	917	83
80S17B/C	17	779	46	1651	97	1768	103	1789	105	1654	97	1583	93	1094	64	1416	83
80S23B	23	-	1	2201	95	2360	102	2374	103	2201	95	2112	91	1452	63	1884	81
90S11B	11	-	-	936	85	984	89	984	89	917	83	870	79	603	54	784	71
90S17B/C	17	671	39	1411	83	1511	88	1529	89	1414	83	1353	79	935	55	1210	71
90S23B	23	-	1	1881	81	2017	87	2029	88	1882	81	1805	78	1241	53	1610	70
97S11B	11	-	-	861	78	905	82	905	82	844	76	800	72	555	50	721	65
97S17B/C	17	579	34	1298	76	1390	81	1407	82	1301	76	1245	73	860	50	1113	65
97S23B	23	-	1	1731	75	1856	80	1867	81	1731	75	1661	72	1442	49	1481	64
90L17AL (2700K-1800K)	17	-	-	1242	73	1298	76	1277	75	1204	71	1150	68	1014	60	1128	66
90L17AD (3000K-1800K)	17	-	-	1306	77	1366	80	1344	79	1266	74	1210	71	1067	63	1186	70
90L24BL (2700K-1800K)	24	-	-	1600	67	1693	71	1688	70	1587	66	1522	63	1377	57	1531	64
90L24BD (3000K-1800K)	24	-	-	1785	74	1866	78	1836	77	1730	72	1653	69	1458	61	1621	68
32BTR (4000K-1800K)	32	-	-	2360	73	2472	77	2468	77	2326	72	2224	69	1669	52	2035	63
32BTH	32	-	-	2254	70	2351	72	2334	71	2208	67	2105	59	1848	57	1910	59

OUTPUT	MIIITI	DI IER

ССТ	CCT SCALE
2700K	0.957
3000K	1.000
3500K	1.019
4000K	1.030

MEDIA LIGHT LOSS FACTOR

MEDIA	LIGHT LOSS FACTOR
No Lens	1.07
CGL	0.98
SFL	1.00
FGL	0.94
FSFL	0.93
FLSL	0.85
HCL	0.72
SFL+HCL	0.66

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

JA8-2022 INDICATED BY SHADING

UNIFIED GLARE RATING

10° OPTIC	15° OPTIC	20° OPTIC	25° OPTIC	40° OPTIC	60° OPTIC	WALLWASH
FIELD REDUCER	SOFT FOCUS LENS	WALLWASH LENS				
<13	<13	<10	<10	<10	<16	

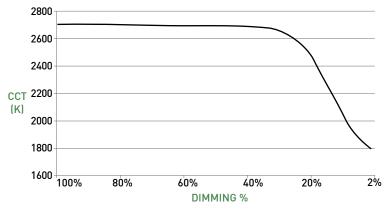
WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

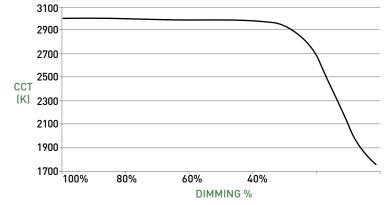
INCANDESCENT PROFILE

90L17AL 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)	2700K	2700K	2700K	2700K	2500K	1950K	1800K
Light Output (Lm)	1298	1038	909	649	360	130	26
Power (W)	17	13.6	11.9	8.5	3.4	1.7	0.3
Efficacy (LPW)	76	76	76	76	76	76	76
90L24BL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
2700K - 1800K	100%	to 80%	to 70%	to 50%	to 20%	to 10%	to 2%
2700K - 1800K CCT (K)	100% 2700K	to 80% 2700K	to 70% 2700K	to 50% 2700K	to 20% 2000K	to 10% 1900K	to 2% 1800K

HALOGEN PROFILE

90L17AD 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)	3000K	3000K	3000K	3000K	3000K	2150K	1800K
Light Output (Lm)	1366	1093	956	683	273	137	27
Power (W)	17	13.6	11.9	8.5	3.4	1.7	0.3
Efficacy (LPW)	80	80	80	80	80	80	80
90L24BD 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)	3000K	3000K	3000K	3000K	2050K	1800K	1800K
Light Output (Lm)	1866	1493	1306	933	373	187	37
Power (W)	24	19.2	16.8	12	4.8	2.4	0.5
Efficacy (LPW)	78	78	78	78	78	78	78





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



CYLINDER ASSEMBLY

ADJUSTABLE - STANDARD CANOPY

Die-cast canopy accommodates flat and sloped ceiling conditions. Conceals hidden mounting hardware. "AD" (90° tilt, 365° rotation) canopy features 1.9" (48mm) tall canopy. Available with integral or remote driver.

ADJUSTABLE - SHALLOW CANOPY

Die-cast canopy accommodates flat and slope ceiling conditions. Conceals hidden mounting hardware. "AS" (90° tilt, 365° rotation) canopy features 0.65" (17mm) tall canopy, reducing overall height. Requires remote power supply

Body with integrated heat sink and LED. Conceals mounting hardware. Power supply may be integral or remote mount.

WALLWASH FIXED 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 degree beam selection. Reduces field angle by 56%

Cylinder accepts two lenses; soft focus lens, no lens or wallwash lens standard. Sealed in place for Wet locations.

Die-cast baffle minimizes aperture glare and conceals view into fixture.

WALL-MOUNT

Cylinder may be wall mounted using any mounting option.

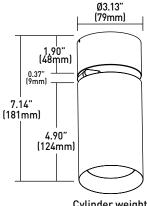
DIMENSIONS / DRAWINGS

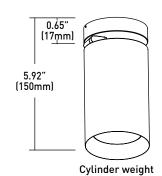


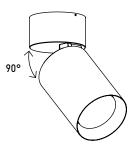
ADJUSTABLE BODY STANDARD CANOPY



ADJUSTABLE BODY SHALLOW CANOPY







Cylinder weight 2.10 lbs







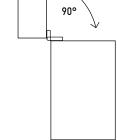




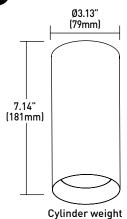














WALLWASH FIXED BODY

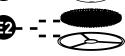


3.00 lbs

















MOUNTING

JBMP

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 - CY2X-JBMP

SMK3

Surface mount kit includes mounting plate and 4" concealer plate that installs between fixture and standard 3" 3/0 j-box for existing applications where standard j-box cutout is to be concealed.

Part Number - CY2X-SMK-3/0-(FINISH)

M SMK4

Surface mount kit includes mounting plate and 5" concealer plate that installs between fixture and standard 4" 4/0 j-box for existing applications where standard j-box cutout is to be concealed.

Part Number - CY2X-SMK-4/0-(FINISH)

CMJE

Ceiling mount junction box perfectly matches the cylinder 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; painted finishes only. Blank off plugs included.

Part Number - CY2X-CMJB-(FINISH)

MOUNTING NOTES

- CY2X-JBMP and CY2X-SMK-3/0 & 4/0 not recommended for use with pancake style j-box.
- Fixtures are surface mount and must have access to free air. For applications involving slat ceilings or confined mounting, consult Comprehensive Install Guide for required clearances for proper air flow and servicing.

REMOTE POWER SUPPLY

PS-RMT

Remote power supply must be mounted in accessible area. Mounting device still required. Consult page 8 for dimming compatibility list. Consult install guide for complete details of suitable controls, wiring diagrams, and maximum allowable secondary run lengths between PS-RMT and cylinder.

ATHENA / CASAMBI CONTROL

Controls integrated into remote driver assembly. All equipment is serviceable.

Athena Model Number: A-WN-D01-RF-BL & DC-0EM-DBI

Casambi Model Number: BT-S1E1-5400

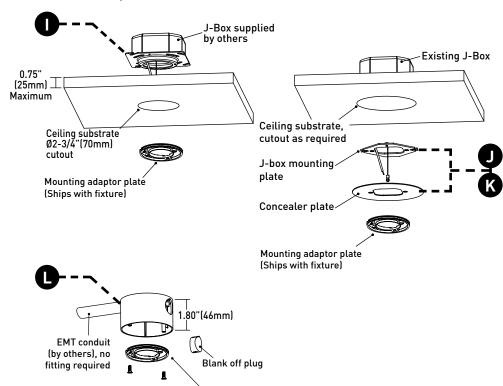
ATHENA / CASAMBI EM SHUNT

Inlouded with drivers specified as ASR, ADR, CSR, or CDR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

luciferlighting.com

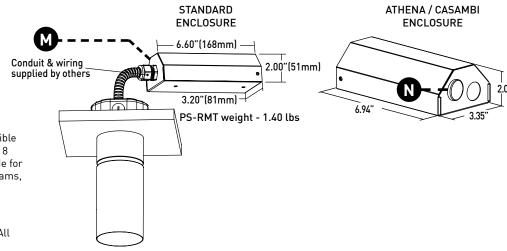
Model Number: PS-RMT-SHUNT

DIMENSIONS / DRAWINGS

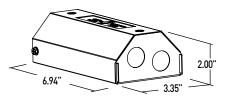


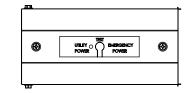
Mounting adaptor plate

(Ships with fixture)











TECHNICAL

CONSTRUCTION

<u>Cylinder</u>: Die-cast aluminum body with integrated heat sink; painted finishes are granulated powder coat. Alumina finishes are anodized aluminum.

<u>CMJB</u>: Die-cast aluminum body; painted finishes are granulated powder coat.

Remote Power Supply: 22 Gauge galvanized steel.

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 configuration in color temprtature of 2400K. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

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. LED and driver assemblies are field-replaceable.

TUNABLE WHITE LED

3-Step MacAdam ellipse tunable white LED module available in 90+ CRI configuration. Features tuning range of 2700K to 5000K and 1800K to 4000K. Average rated lamp life of 50,000 hours. Driver assemblies are field-replaceable.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

	PHA	SE		0-10V						EC0	DALI			ATHENA	CASAMBI
Power Supply	1CE/1RE	1TR	UCA/ URA	UAN	ULN	UEG	UEN	UDG	UDN	ULH	UED	ULD	UDD	UAS/UAD	UCS/UCD
Minimum °C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	0°C	-20°C	-20°C	-20°C	0°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
Dimming %	1.0%	2.0%	1.0%	1.0%	1.0%	0.1%	0.1%	0.1%	0.1%	1.0%	0.1%	0.1%	0.1%	0.1%	0.1%

Note: For 1TR, ULH, UAN, ULN, UEG and UEN 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
URA, 1RE	-	164	105'	66'	40"
1TR, UAN, ULN	285	180'	113'	71'	45'
ULH	60'	40"	25'	15 ⁻	-
UEG, UEN, UED, ULD, DD1, DG1, DN1, UAS, UCS, UAD, UCD	-	-	118'	72	46'

FIXTURE SPACING

Recommended fixture on-center spacing is 12" (305mm) at minimum. In slat ceiling applications, fixture must have 0.5" (13mm) minimum clearance on no more than two sides. Recessed conditions require 1.5" (38mm) setbacks on all sides.

WALLWASH SPACING AND TILT

Adjustable Wallwash Cylinder must be tilted to achieve wallwashing effect. Recommended adjustable spacing is 36" (914mm) on center with 36" (914mm) setback from wall plane with 15° tilt. Recommended fixed spacing is 36" (914mm) on center spacing with 48" (1219mm) setback from wall plane.

MOUNTING

Cylinder is supplied with a mounting adaptor plate, which integrates with required additional mounting accessories specified separately according to field application conditions, providing a minimalist transition from standard 4/0 or 4" square junction boxes and accommodating ceiling thicknesses of 0.44" (12mm) to 0.75" (19mm). Ceiling-mount junction box available for 1/2" (13mm) and 3/4" (19mm) conduit and feature concealed internal clamps for clean fitting-free conduit exit and entry.

LISTING

cTUVus listed to UL1598 standard for Dry / Damp (IP30) and Wet (IP65) location. Title 24 JA8-2022 Listed. NEMA 410 Compliant. Buy American Act compliant.

DECLARE

LBC Red List Approved

WARRANTY

Manufacturer's 1-year warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service. 5-year warranty on LED and power supply to operate with 70% of the original flux and remain within a range of 3 dux. 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

1.03/15/2024: ADDED 10 DEGREE FIELD REDUCER, UPDATED 10 DEGREE PERFORMANCE DATA

2.07/22/2024: REMOVED L2 DRIVER

3.05/07/2025: UPDATED WARM DIM OFFERINGS AND

PERFORMANCE





DIMMING COMPATIBILITY

PHILIPS DRIVER COMPATIBILITY

Power supply 1TR Manufacturer	Family/Model #
Lutron Electronics	DV-600P
Lutron Electronics	DVELV-303P
Lutron Electronics	NTELV-600
Lutron Electronics	MAELV-600
Lutron Electronics	SELV-300P
Lutron Electronics	DVLV-600P
Lutron Electronics	NFTU-5A
Lutron Electronics	CTCL-153P
Lutron Electronics	GL-600H
Lutron Electronics	S-600P
Lutron Electronics	PHPM
Power supply UAN / ULN 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 Lutron Electronics	RMJ-5T RMJS-8T
Lutron Electronics	RMJS-8T

LUTRON DRIVER COMPATIBILITY

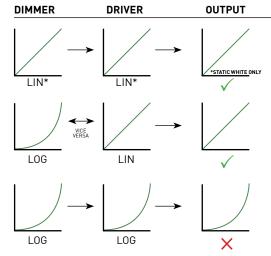
Power supply ULH Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-EC032-DV-B
PowPak Dimming Modules	FCJ/FCJS-ECO
Energi Savr Nodes	QSN-1ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJE (wireless) QSGRE
Quantum Hub	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 UEG / UEN Dimmer / Switch Control Manufacturer	Family/Model #
Busch-Jaeger	2112U-101
Jung	240-10
Leviton Lighting Controls	IP710-DLX
Lightolier Controls	ZP600FAM120
Lutron Electronics	Nova T® - NTFTV
Lutron Electronics	Diva® - DVTV
Lutron Electronics	Nova® - NFTV
Merten	5729
Pass & Seymour	CD4FB-W
The Watt Stopper	DCLV1
Sensor Switch	nIO EZ
Synergy	ISD BC
Power supply UEG / UEN Lighting Control Systems Manufacturer	Family/Model #
Lutron Flectronics	
Edition Electronics	GrafixEye® GRX-TVI w GRX3503
Lutron Electronics	GrafixEye® GRX-TVI w GRX3503 Energy Savr Node™ - QSN-4T16-S
	-
Lutron Electronics	Energy Savr Node™ - QSN-4T16-S
Lutron Electronics Lutron Electronics	Energy Savr Node™ - QSN-4T16-S TVM2 Module
Lutron Electronics Lutron Electronics Crestron®	Energy Savr Node™ - QSN-4T16-S TVM2 Module GLX-DIMFLV8
Lutron Electronics Lutron Electronics Crestron® Crestron®	Energy Savr Node [™] - QSN-4T16-S TVM2 Module GLX-DIMFLV8 GLXP-DIMFLV8
Lutron Electronics Lutron Electronics Crestron® Crestron® Crestron®	Energy Savr Node™ - QSN-4T16-S TVM2 Module GLX-DIMFLV8 GLXP-DIMFLV8 GLPAC-DIMFLV4-*
Lutron Electronics Lutron Electronics Crestron® Crestron® Crestron® Crestron®	Energy Savr Node™ - QSN-4T16-S TVM2 Module GLX-DIMFLV8 GLXP-DIMFLV8 GLPAC-DIMFLV4-* GLPAC-DIMFLV8-*
Lutron Electronics Lutron Electronics Crestron® Crestron® Crestron® Crestron® Crestron® Crestron®	Energy Savr Node™ - QSN-4T16-S TVM2 Module GLX-DIMFLV8 GLXP-DIMFLV8 GLPAC-DIMFLV4-* GLPAC-DIMFLV8-* GLPP-DIMFLV8-PM
Lutron Electronics Lutron Electronics Crestron® Crestron® Crestron® Crestron® Crestron® Crestron® Crestron®	Energy Savr Node TM - QSN-4T16-S TVM2 Module GLX-DIMFLV8 GLXP-DIMFLV8 GLPAC-DIMFLV4-* GLPAC-DIMFLV8-* GLPP-DIMFLVEX-PM GLPP-1DIMFLV2EX-PM
Lutron Electronics Lutron Electronics Crestron® Crestron® Crestron® Crestron® Crestron® Crestron® Crestron® Crestron® Crestron®	Energy Savr Node TM - QSN-4T16-S TVM2 Module GLX-DIMFLV8 GLXP-DIMFLV4-* GLPAC-DIMFLV4-* GLPAC-DIMFLV8-* GLPP-DIMFLV8-PM GLPP-1DIMFLV2EX-PM GLPP-1DIMFLV3EX-PM
Lutron Electronics Lutron Electronics Crestron®	Energy Savr Node TM - QSN-4T16-S TVM2 Module GLX-DIMFLV8 GLXP-DIMFLV4-* GLPAC-DIMFLV8-* GLPAC-DIMFLV8-* GLPP-DIMFLV8-PM GLPP-1DIMFLV2EX-PM GLPP-1DIMFLV3EX-PM DIN-A08
Lutron Electronics Lutron Electronics Crestron®	Energy Savr Node TM - QSN-4T16-S TVM2 Module GLX-DIMFLV8 GLXP-DIMFLV4-* GLPAC-DIMFLV8-* GLPAC-DIMFLV8-* GLPP-DIMFLV8-PM GLPP-1DIMFLV2EX-PM GLPP-1DIMFLV3EX-PM DIN-A08 DIN-4DIMFLV4

ANALOG DRIVERS AND DIMMERS



LIN = LINEAR LOG = LOGARITHMIC

*LIN-TO-LIN NOT COMPATIBLE FOR WARM DIM

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