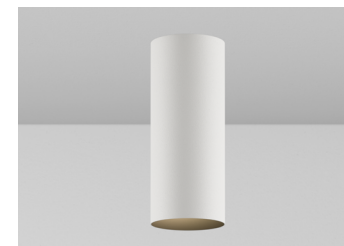# CYLINDER 2
SURFACE MOUNT

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.

ORDERING INFORMATION

⚡ Quick Ship Product. All rough in components ship within 10 days up to quantities of 100.

JA8-2022 COMPLIANCE INDICATED BY SHADING

CYLINDER	FUNCTION	RATING	CYLINDER FINISH	BAFFLE FINISH	CRI / WATTAGE PACKAGE	CCT	OPTIC (UGR)	MEDIA	POWER SUPPLY	MOUNTING
CY2X										
CY2X 3.125" Ø	**AD** 90° Adjustable **AS** Shallow Canopy* *(Remote driver only) **AW** Adj. Wallwash **FB** Fixed **WW** Wallwash Fixed	**1** Dry / Damp (IP30) **2** Wet (IP65)	**POWERCOAT 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 **08** Matte Cast Brass **09** Brushed Light Patinated Bronze **10** Matte Light Patinated Bronze **FINISH IMAGES ON PAGE 2**	**POWERCOAT 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 **08** Matte Cast Brass **09** Brushed Light Patinated Bronze **10** Matte Light Patinated Bronze **FINISH IMAGES ON PAGE 2**	**STATIC WHITE** **80S11B** 80+ CRI, 11 Watts 1111 lm delivered **80S17B** 80+ CRI, 17 Watts 1613 lm delivered **80S23B** 80+ CRI, 23 Watts 2293 lm delivered **90S11B** 90+ CRI, 11 Watts 950 lm delivered **90S17B** 90+ CRI, 17 Watts 1475 lm delivered **90S23B** 90+ CRI, 23 Watts 1960 lm delivered **97S11B** 97+ CRI, 11 Watts 874 lm delivered **97S17B** 97+ CRI, 17 Watts 1357 lm delivered **97S23B** 97+ CRI, 23 Watts 1803 lm delivered **WARM DIM** **90W24B** 90+ CRI, 24 Watts Incandescent Profile 1469 lm delivered Standard Profile 1698 lm delivered *SEE PAGE 4 FOR DETAILED PERFORMANCE CONFIGURATIONS AND WARM DIM PROFILE COMPARISON. **TUNABLE WHITE** (REMOTE DRIVER ONLY) **90T32B** 90+ CRI, 32 Watts Warm Profile Lm. Deliered - 2430 Cool Profile 2277 lm delivered	**24** 2400K* *(90+CRI only, 17W max) **27** 2700K **30** 3000K **35** 3500K **40** 4000K **WL** 2700K - 1800K **WD** 3000K - 1800K **TR** 4000K - 1800K **TH** 5000K - 2700K	**10** 10°* (<13) *(17 Watts only) **15** 15° (<13) **20** 20° (<10) **25** 25° (<10) **40** 40° (<10) **60** 60° (<16) **WW** Wallwash* *(Required for WW & AW fixture) **20** 20° (<10) **25** 25° (<10) **40** 40° (<10) **60** 60° (<13) **WW** Wallwash* *(Required for WW & AW fixture) **15** 15° (<13) **20** 20° (<10) **25** 25° (<10) **40** 40° (<10) **60** 60° (<13) **WW** Wallwash* *(Required for WW & AW fixture) SEE PAGE 4 FOR UGR VALUES	**STANDARD MEDIA** **4** Soft Focus Lens (SFL)* *(Required for 10° optic) **ALTERNATE MEDIA** **0** No Lens* *(Not available for Warm Dim or Wet Location) **2** Honey Comb Louver (HCL)* *(Not available for Warm Dim or Wet Location) **3** Clear Glass Lens (CGL)* *(Not available for Warm Dim) **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)	**INTEGRAL** **UCA** 0-10V Analog 120-277V **1CE** 120V Electronic Forward/Reverse **REMOTE (120V)** **1TR** Philips, 2% Forward/Reverse* *(11 & 17 Watts only) **1L2** Lutron Hi-Lume 1%, 2-Wire **1RE** Forward/Reverse* *(11 & 17 Watts only) **REMOTE (120-277V)** **URA** 0-10V Analog* *(11 & 17 Watts only) **ULH** Lutron Hi-Lume Ecosystem 1% Fade to Black **UAN** Philips Xitanium 1% 0-10V, LOG **ULN** Philips Xitanium 1% 0-10V, LIN **UEG** eldoLED, 0.1% 0-10V, LOG **UEN** eldoLED, 0.1% 0-10V, LIN **UED** eldoLED, 0.1% DALI-2, LOG **ULD** eldoLED, 0.1% DALI-2, LIN **UAS1/ UASR** Athena Control EldoLED, 0.1% 120-277V* **UCS1/ UCSR** Casambi Control EldoLED, 0.1% 120-277V* *(Includes Node. Extended lead time, consult factory. UASR/UCSR includes shunt.) **TUNABLE WHITE REMOTE (0.1%, 120-277V)** **UDD** eldoLED, DUALdrive DALI-2, LOG **UDG** eldoLED, DUALdrive 0-10V, LOG **UDN** eldoLED, DUALdrive 0-10V, LIN **UAD1/ UADR** Athena Control, EldoLED, DUALdrive* **UCD1/ UCDR** Casambi Control, EldoLED, DUALdrive* *(Includes Node. Extended lead time, consult factory. UADR/UCDR includes shunt.)	**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.) **SMK3** 3/0 Surface Mount Kit* **SMK4** 4/0 Surface Mount Kit* *(Available in powdercoat finishes. Dry/Damp rated.)

*ALL DELIVERED LUMEN OUTPUTS AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 20° OPTIC AND SOFT FOCUS LENS.

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

luciferlighting.com   ©2024 Lucifer® Lighting Company
As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.
[PH] +1-210-227-7329   pg. 1
[FAX] +1-210-227-4967
LUCIFER® LIGHTING COMPANY
[DATE OF REV: 05062024]

CYLINDER 2 SURFACE MOUNT

ACCESSORIES

REPLACMENT MEDIA
Dry / Damp location only, consult factory for wet location replacements
☐ **SFL-CY2X-03**   Soft Focus Lens
☐ **HCL-CY2X-03**   Honeycomb Louver *
***(Not available for Warm Dim)**
☐ **CGL-CY2X-03**   Clear Glass Lens *
***(Not available for Warm Dim)**
☐ **FGL-CY2X-03**   Frosted Glass Lens
☐ **FSFL-CY2X-03**   Frosted Soft Focus Lens
☐ **FLSL-CY2X-03**   Frosted Linear Spread Lens
☐ **CGL-HCL-CY2X-03**   Clear Glass Film W/ Honeycomb Louver
☐ **SFL-HCL-CY2X-03**   Soft Focus Film W/ Honeycomb Louver

STATIC WHITE REPLACEMENT OPTICS
☐ **RO-70-15-S**   15° optic
☐ **RO-70-20-S**   20° optic
☐ **RO-70-25-S**   25° optic
☐ **RO-70-40-S**   40° optic
☐ **RO-70-60-S**   60° optic

WARM DIM REPLACEMENT OPTICS
☐ **RO-70-20-W**   20° optic
☐ **RO-70-25-W**   25° optic
☐ **RO-70-40-W**   40° optic
☐ **RO-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
☐ **RO-70-40-T**   40° optic
☐ **RO-70-60-T**   60° optic

SUCTION CUP TOOL
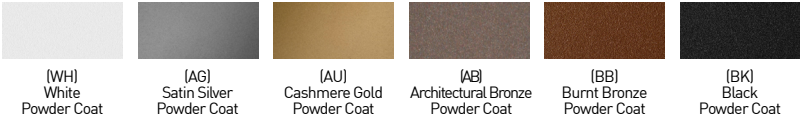☐ **CYX-TOOL-SUCTION** Baffle removal tool, provided with every 5 fixtures

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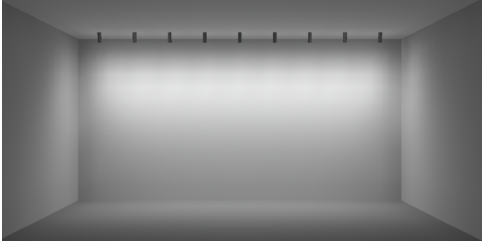
POWDERCOAT FINISHES

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

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

LUCIFER® LIGHTING COMPANY

luciferlighting.com

©2024 Lucifer® Lighting Company
As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.

[PH] +1-210-227-7329
[FAX] +1-210-227-4967

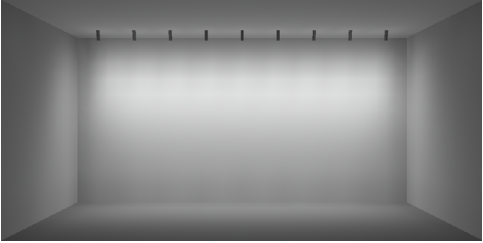pg. 2

[DATE OF REV: 05062024]

WALLWASH DESIGN GUIDE

10° TILT
30" SETBACK / 30" ON CENTER SPACING
- 10FT CEILING SHOWN / 8-12FT IDEAL
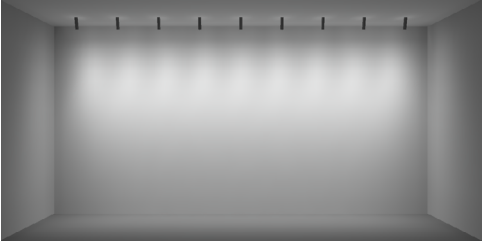- AVERAGE FC: 33.74
- MAX / MIN: 4.89
- 9 FIXTURES / 25FT WALL SHOWN

RECOMMENDED
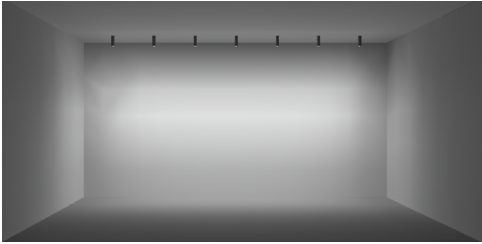**15° TILT**
36" SETBACK / 36" ON CENTER SPACING
- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 30.07
- MAX / MIN: 4.35
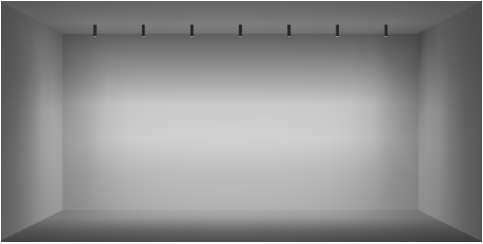- 9 FIXTURES / 25FT WALL SHOWN

20° TILT
42" SETBACK / 42" ON CENTER SPACING
- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 27.25
- MAX / MIN: 4.07
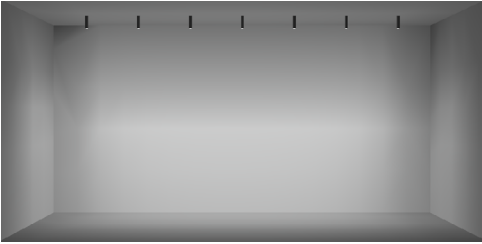- 9 FIXTURES / 25FT WALL SHOWN

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
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

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 SPACING	SETBACK / TILT		
	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 SPACING	SETBACK		
	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 90S17A WATTAGE PACKAGE

LUCIFER®
LIGHTING COMPANY

luciferlighting.com

©2024 Lucifer® Lighting Company
As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.

[PH] +1-210-227-7329   pg. 3
[FAX] +1-210-227-4967

[DATE OF REV: 05062024]

CYLINDER 2 SURFACE MOUNT

STATIC WHITE PERFORMANCE - 3000K

LUMEN PACKAGE	WATTAGE	10° OPTIC FIELD REDUCER		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		WALLWASH WALLWASH LENS		ADJ. WALLWASH WALLWASH LENS	
		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	-	-	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	-	-	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	-	-	1731	75	1856	80	1867	81	1731	75	1661	72	1442	49	1481	64
90W24BL (2700K-1800K)	24	-	-	-	-	1530	66	1516	65	1425	61	1344	58	1137	49	1238	53
90W24BD (3000K-1800K)	24	-	-	-	-	1592	69	1582	68	1495	65	1419	61	1267	55	1305	56
90T32BTR (4000K-1800K)	32	-	-	2360	73	2472	77	2468	77	2326	72	2224	69	1669	52	2035	63
90T32BTH (5000K-2700K)	32	-	-	2254	70	2351	72	2334	71	2208	67	2105	59	1848	57	1910	59

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

OUTPUT MULTIPLIER

CCT	CCT SCALE
2400K	0.76
2700K	0.957
3000K	1.000
3500K	1.019
4000K	1.030

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

JA8-2022 INDICATED BY SHADING

UNIFIED GLARE RATING

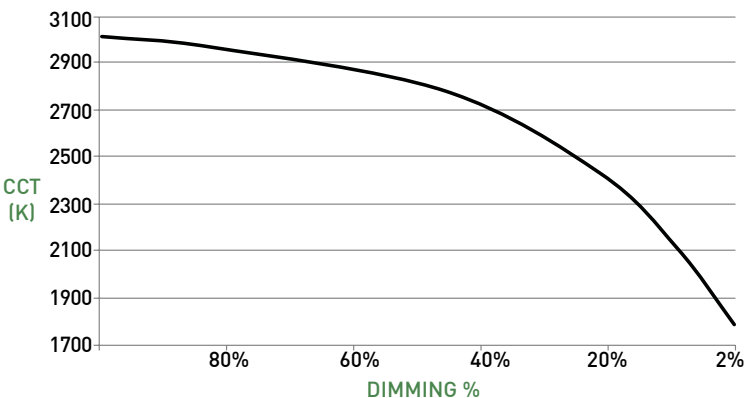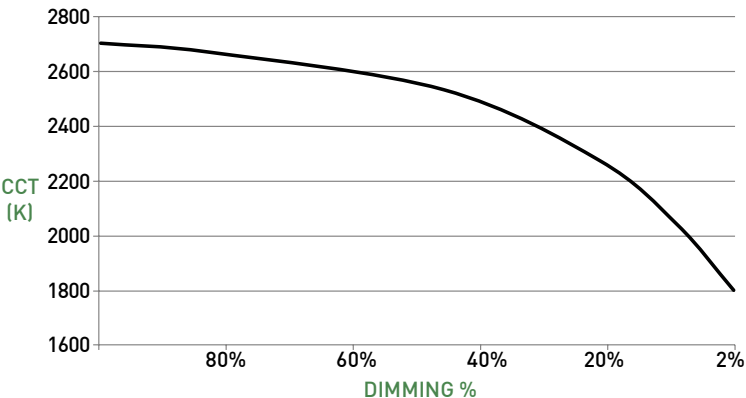| 10° OPTIC FIELD REDUCER	15° OPTIC SOFT FOCUS LENS	20° OPTIC SOFT FOCUS LENS	25° OPTIC SOFT FOCUS LENS	40° OPTIC SOFT FOCUS LENS	60° OPTIC SOFT FOCUS LENS	WALLWASH WALLWASH LENS
<13	<13	<10	<10	<10	<16	>19

WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

INCANDESCENT DIMMING PROFILE

90W24BL 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)	1530	1224	1071	765	306	153	31
Power (W)	24	18	16	12	5	2.3	0.5
Efficacy (LPW)	66	66	66	66	66	66	66

STANDARD DIMMING PROFILE

90W24BD 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)	1592	1274	1114	796	318	159	32
Power (W)	24	18	16	12	5	2.3	0.5
Efficacy (LPW)	69	69	69	69	69	69	69

luciferlighting.com

[PH] +1-210-227-7329
[FAX] +1-210-227-4967

LUCIFER® LIGHTING COMPANY

[DATE OF REV: 05062024]
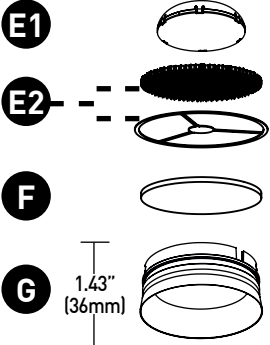
CYLINDER 2 SURFACE MOUNT

CYLINDER ASSEMBLY

A 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.

B 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

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

D WALLWASH FIXED BODY

E1 OPTICS
Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 20°, 25°, 40° & 60° beams.

E2 10° FIELD REDUCER
Included with 10°optic. Reduces field angle by 56%

F MEDIA
Cylinder accepts 2 lenses; soft focus lens, no lens or wallwash lens standard. Sealed in place for Wet locations.

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

H WALL-MOUNT
Cylinder may be wall mounted using any mounting option.
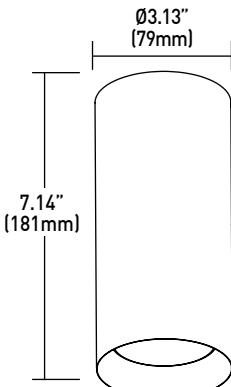
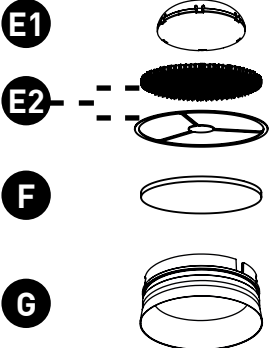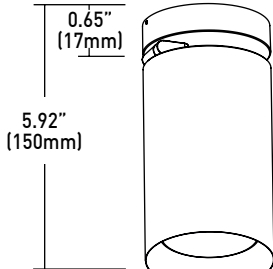## DIMENSIONS / DRAWINGS

A ADJUSTABLE BODY STANDARD CANOPY

Ø3.13" (79mm)
1.90" (48mm)
0.37" (9mm)
7.14" (181mm)
4.90" (124mm)
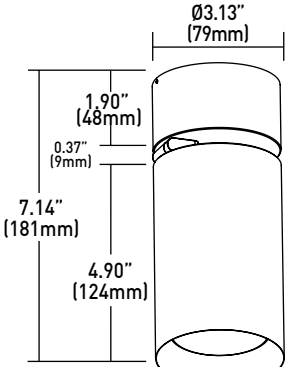
Cylinder weight 2.10 lbs

B ADJUSTABLE BODY SHALLOW CANOPY

0.65" (17mm)
5.92" (150mm)

Cylinder weight 1.95 lbs

90°

H

90°

C FIXED BODY

Ø3.13" (79mm)
7.14" (181mm)

Cylinder weight 2.80 lbs
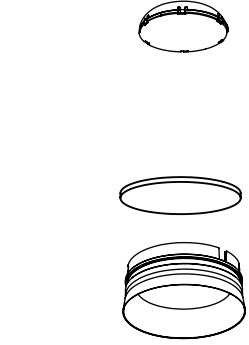
D WALLWASH FIXED BODY
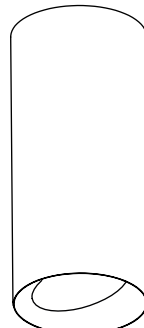
Cylinder weight 3.00 lbs

E1
E2
F
G 1.43" (36mm)
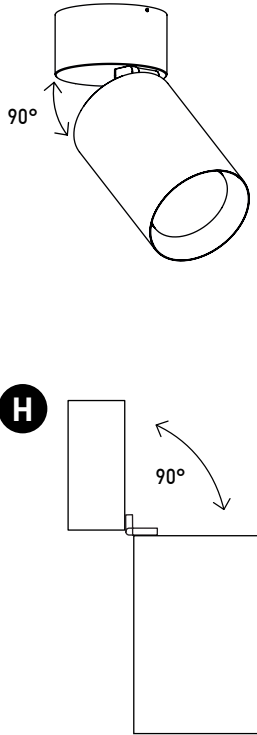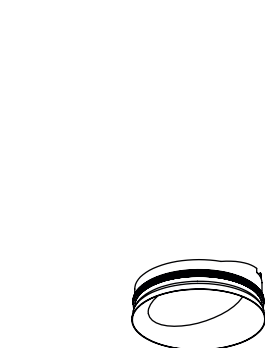
CYLINDER 2 SURFACE MOUNT

MOUNTING

I   **JBMP**

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

Part Number - CY2X-JBMP

J   **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)

K   **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)

L   **CMJB**

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)
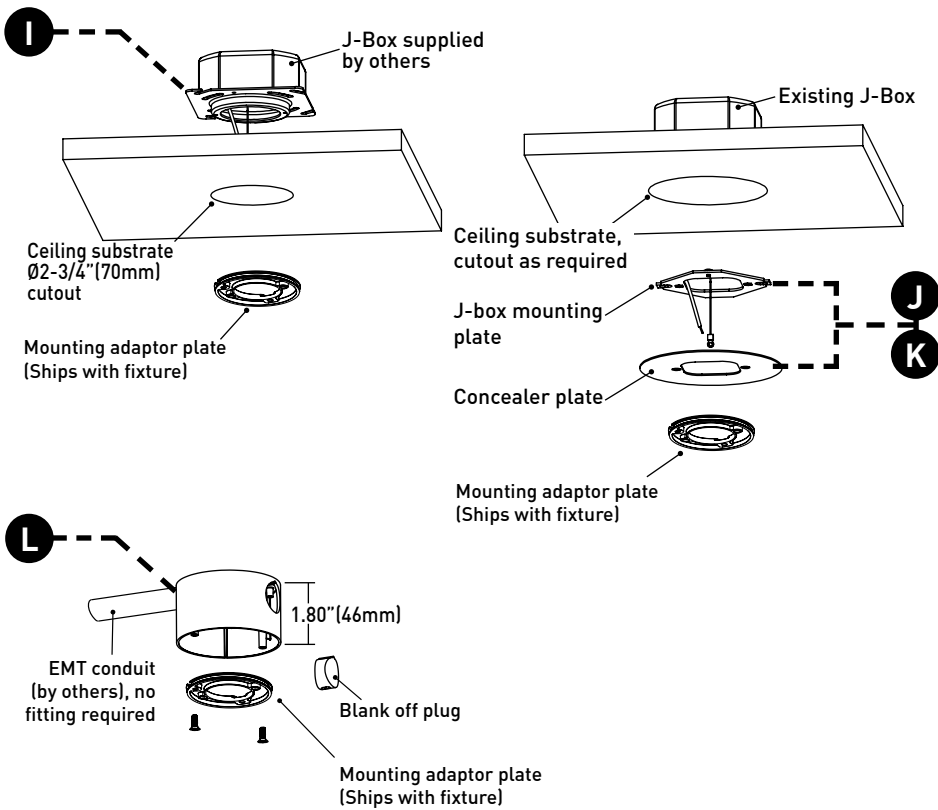
MOUNTING NOTES

- CY2X-JBMP and CY2X-SMK-3/0 & 4/0 not recommended for use with pancake style j-box.

REMOTE POWER SUPPLY

M   **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.

N   **ATHENA / CASAMBI CONTROL**

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

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

Casambi Model Number: BT-S1E1-5400

O   **ATHENA / CASAMBI EM SHUNT**

Inlcuded 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.

Model Number: PS-RMT-SHUNT

DIMENSIONS / DRAWINGS

I

J-Box supplied by others

Ceiling substrate Ø2-3/4"(70mm) cutout

Mounting adaptor plate (Ships with fixture)

Existing J-Box

Ceiling substrate, cutout as required

J-box mounting plate

J
K

Concealer plate

Mounting adaptor plate (Ships with fixture)

L

EMT conduit (by others), no fitting required

1.80"(46mm)

Blank off plug

Mounting adaptor plate (Ships with fixture)

STANDARD ENCLOSURE

M

Conduit & wiring supplied by others

6.60"(168mm)

2.00"(51mm)

3.20"(81mm)

PS-RMT weight - 1.40 lbs

ATHENA / CASAMBI ENCLOSURE

N

6.94"

2.00"

3.35"

O   **ATHENA / CASAMBI EM SHUNT**

6.94"

3.35"

2.00"

UTILITY POWER   TEST   EMERGENCY POWER

LUCIFER®
LIGHTING COMPANY

[DATE OF REV: 05062024]

CYLINDER 2 SURFACE MOUNT

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.
<u>Remote Power Supply</u>: 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

Power Supply	PHASE			0-10V							ECO	DALI			ATHENA	CASAMBI
	1CE/1RE	1TR	1L2	UCA/URA	UAN	ULN	UEG	UEN	UDG	UDN	ULH	UED	ULD	UDD	UAS/UAD	UCS/UCD
Minimum °C	-20 °C	-20 °C	0 °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	40 °C
Dimming %	1.0%	2.0%	1.0%	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, 1L2, 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

DRIVER	WIRE AWG				
	12	14	16	18	20
URA, 1RE	-	164'	105'	66'	40'
1TR, UAN, ULN	285'	180'	113'	71'	45'
1L2, ULH	60'	40'	25'	15'	-
UEG, UEN, UED, ULD, DD1, DG1, DN1, UAS, UCS, UAD, UCD	-	-	118'	72'	46'

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 duv. 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.

luciferlighting.com

©2024 Lucifer® Lighting Company
As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.

[PH] +1-210-227-7329
[FAX] +1-210-227-4967

pg. 7

[DATE OF REV: 05062024]

LUCIFER® LIGHTING COMPANY

Declare.

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	RMJS-8T
Lutron Electronics	FCJS-010
Leviton	IllumaTch IP7 series
Philips	Sunrise - SR1200ZTUNV

LUTRON DRIVER COMPATIBILITY

Power supply 1L2 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 ULH 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

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

ANALOG DRIVERS AND DIMMERS

DIMMER → DRIVER → OUTPUT

LIN* → LIN* → *STATIC WHITE ONLY ✓

LOG ↔ VICE VERSA ↔ LIN → ✓
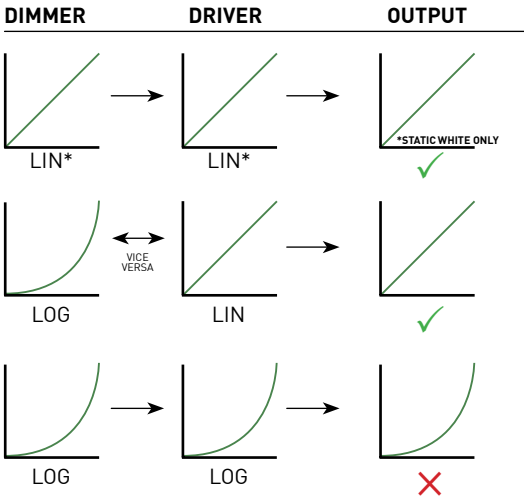
LOG → LOG → ✗

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

LUTRON 2016 OEM ADVANTAGE ACCOUNT

luciferlighting.com ©2024 Lucifer® Lighting Company
As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.

[PH] +1-210-227-7329   pg. 8
[FAX] +1-210-227-4967

LUCIFER® LIGHTING COMPANY
[DATE OF REV: 05062024]