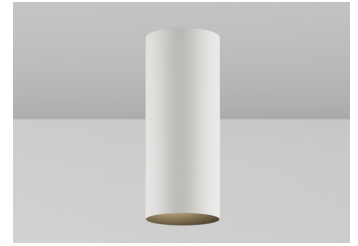
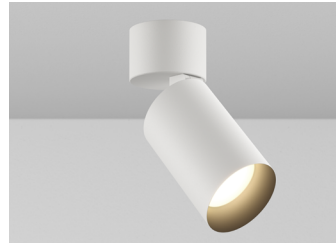


# CYLINDER 1 SURFACE MOUNT

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.

PROJECT NAME:

TYPE:



## ORDERING INFORMATION



JA8-2022 COMPLIANCE INDICATED BY SHADING

CYLINDER	FUNCTION	RATING	CYLINDER FINISH	BAFFLE FINISH	CRI	WATTAGE	CCT	OPTIC (UGR)	MEDIA	POWER SUPPLY	MOUNTING
CY1X											
CY1X 2.5" Ø	AD 90° Adjustable AS 90° Adjustable Shallow Canopy* (Remote driver only) AW Adjustable Wallwash FB Fixed WW Wallwash Fixed	1 Dry / Damp (IP30) 2 Wet (IP65)	<b>POWDERCOAT FINISHES</b> WH White AG Satin Silver AU Cashmere Gold AB Architectural Bronze BB Burnt Bronze BK Black CF Custom Finish* (Consult Factory) <b>ALUMINA FINISHES</b> 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 <b>FINISH IMAGES ON PAGE 2</b>  <b>ALUMINA NOT RECOMMENDED FOR EXTERIOR APPLICATIONS, FINISHES ARE NOT UV RATED</b>	<b>POWDERCOAT FINISHES</b> WH White AG Satin Silver AU Cashmere Gold AB Architectural Bronze BB Burnt Bronze BK Black CF Custom Finish* (Consult Factory) <b>ALUMINA FINISHES</b> 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 <b>FINISH IMAGES ON PAGE 2</b>	<b>STATIC WHITE</b> 80S 90S 97S  <b>WARM DIM</b> 90L  <b>TUNABLE WHITE</b> 90T	<b>STATIC WHITE</b> 11A 11W, 952 Lm 17A 17W, 1416 Lm  <b>WARM DIM</b> 17A 17W Incandescent Profile 1280 Lm Halogen Profile 1346 Lm *SEE PAGE 4 FOR DETAILED PERFORMANCE CONFIGURATIONS AND WARM DIM PROFILE COMPARISON. <b>TUNABLE WHITE (REMOTE DRIVER ONLY)</b> 17A 17W Warm Profile 1291 Lm Cool Profile 1251 Lm  *ALL DELIVERED LUMEN OUTPUTS AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 60° OPTIC AND SOFT FOCUS LENS.	24 2400K* (17W only) 27 2700K 30 3000K 35 3500K 40 4000K  WL 2700K - 1800K WD 3000K - 1800K  TR 4000K - 1800K TH 5000K - 2700K	10 10° (<16) 15 15° (<16) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<16) WW Wallwash* (Required for WW & AW fixture)  15 15° (<16) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<16) WW Wallwash* (Required for WW & AW fixture)  15 15° (<16) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<16) WW Wallwash* (Required for WW & AW fixture)	<b>STANDARD MEDIA</b> 4 Soft Focus Lens (SFL)* (Required for 10° optic) <b>ALTERNATE MEDIA</b> 0 No Lens* (Not available for Wet Location) 2 Honey Comb Louver (HCL)* (Not available for Wet Location) 3 Clear Glass Lens (CGL) 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)	<b>INTEGRAL</b> UCA 0-10V Analog 120-277V, LIN 1CE 120V Electronic Forward/Reverse  <b>REMOTE (120V)</b> 1TR Philips, 2% Forward / Reverse 1RE Forward / Reverse  <b>REMOTE (120-277V)</b> 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, 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/ Athena Control UASR EldoLED, 0.1% 120-277V* UCS1/Casambi Control UCSR EldoLED, 0.1% 120-277V* (Includes Node. Extended lead time, consult factory. UASR/UCSR includes shunt.)  <b>TUNABLE WHITE REMOTE (0.1%, 120-277V)</b> UDD eldoLED, DUALdrive DALI-2 DT6, LOG UDG eldoLED, DUALdrive 0-10V, LOG UDN eldoLED, DUALdrive 0-10V, LIN UAD1/ Athena Control, UADR EldoLED, DUALdrive* UCD1/ Casambi Control, UCDC EldoLED, DUALdrive* (Includes Node. Extended lead time, consult factory. UADR/UCDC includes shunt.)	<b>ROUGH-IN</b> JBMP 4" Sq. or 4/0 Junction Box Mounting Plate  <b>FINISH OUT</b> CMJB * 1/2" and 3/4" Conduit Ceiling Mount Junction Box* SMK3 3/0 Surface Mount Kit* SMK4 4/0 Surface Mount Kit* (Available in powdercoat finishes. Dry/Damp rated.)

## PART NUMBER NOTES

- CY1X ships as e.g., CY1XAD1WHWH80S17A304041CE3
- Remote driver ships as e.g., PS-RMT-80S17A-1RE3
- Mounting part numbers listed on page 6

# CYLINDER 1 SURFACE MOUNT

## ACCESSORIES

### REPLACEMENT MEDIA - INCLUDES LENS RETAINER

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

- ☐ **SFL-CY1X-01** Soft Focus Lens
- ☐ **HCL-CY1X-01** Honeycomb Louver
- ☐ **CGL-CY1X-01** Clear Glass Lens
- ☐ **FGL-CY1X-01** Frosted Glass Lens
- ☐ **FSFL-CY1X-01** Frosted Soft Focus Lens
- ☐ **FLSL-CY1X-01** Frosted Linear Spread Lens
- ☐ **CGL-HCL-CY1X-01** Clear Glass Film W/ Honeycomb Louver
- ☐ **SFL-HCL-CY1X-01** Soft Focus Film W/ Honeycomb Louver

### STATIC WHITE REPLACEMENT OPTICS

- ☐ **RO-50-15-S** 15° optic
- ☐ **RO-50-20-S** 20° optic
- ☐ **RO-50-25-S** 25° optic
- ☐ **RO-50-40-S** 40° optic
- ☐ **RO-50-60-S** 60° optic

### WARM DIM REPLACEMENT OPTICS

- ☐ **RO-50-20-W** 20° optic
- ☐ **RO-50-25-W** 25° optic
- ☐ **RO-50-40-W** 40° optic
- ☐ **RO-50-60-W** 60° optic

### TUNABLE WHITE REPLACEMENT OPTICS

- ☐ **RO-50-15-T** 15° optic
- ☐ **RO-50-20-T** 20° optic
- ☐ **RO-50-25-T** 25° optic
- ☐ **RO-50-40-T** 40° optic
- ☐ **RO-50-60-T** 60° optic

### SUCTION CUP TOOL

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

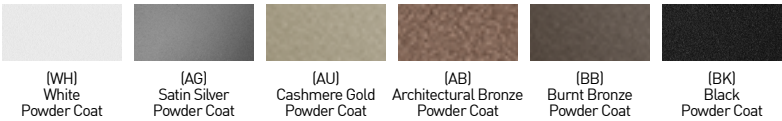
### EMERGENCY LIGHTING - REMOTE MOUNT ONLY

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

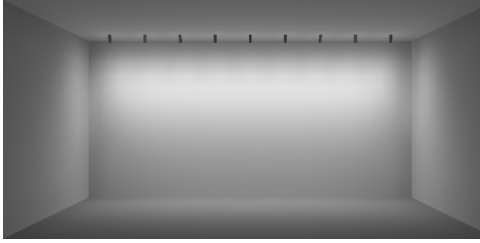


## ALUMINA FINISHES BY LUCIFER LIGHTING™



# CYLINDER 1 SURFACE MOUNT

## WALLWASH DESIGN GUIDE



### 10° TILT

#### 30" SETBACK / 30" ON CENTER SPACING

- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 24.45
- MAX / MIN: 4.85
- 9 FIXTURES / 25FT WALL SHOWN

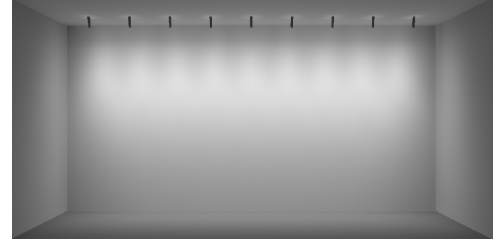


### RECOMMENDED

#### 15° TILT

#### 36" SETBACK / 36" ON CENTER SPACING

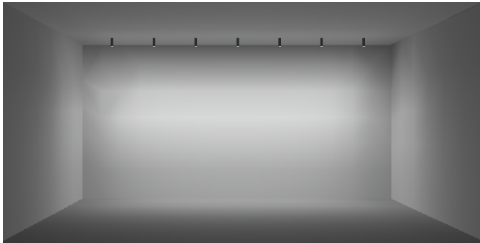
- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 21.75
- MAX / MIN: 4.35
- 9 FIXTURES / 30FT WALL SHOWN



### 20° TILT

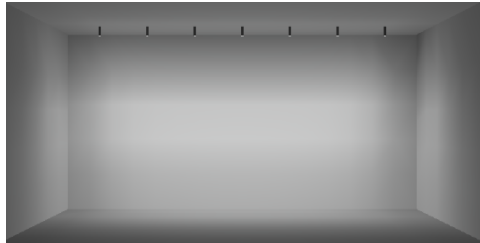
#### 42" SETBACK / 42" ON CENTER SPACING

- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 19.68
- MAX / MIN: 4.03
- 9 FIXTURES / 35FT WALL SHOWN



#### 42" SETBACK / 30" ON CENTER SPACING

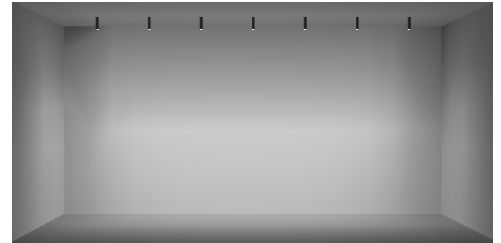
- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 23.46
- MAX / MIN: 4.88
- 9 FIXTURES / 25FT WALL SHOWN



### RECOMMENDED

#### 48" SETBACK / 36" ON CENTER SPACING

- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 18.62
- MAX / MIN: 4.76
- 9 FIXTURES / 30FT WALL SHOWN



#### 54" SETBACK / 42" ON CENTER SPACING

- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 15.07
- MAX / MIN: 4.90
- 9 FIXTURES / 35FT WALL SHOWN

## ADDITIONAL SETBACKS AND SPACINGS

ON CENTER SPACING	SETBACK / TILT			ON CENTER SPACING	SETBACK		
	30" / 10°	36" / 15°	42" / 20°		30"	36"	42"
30"	SHOWN ABOVE	AVERAGE FC: 25.42 MAX / MIN: 4.36	AVERAGE FC: 26.36 MAX / MIN: 4.14	42"	SHOWN ABOVE	AVERAGE FC: 20.84 MAX / MIN: 4.90	AVERAGE FC: 18.65 MAX / MIN: 5.04
36"	AVERAGE FC: 20.87 MAX / MIN: 4.97	SHOWN ABOVE	AVERAGE FC: 22.56 MAX / MIN: 4.08	48"	AVERAGE FC: 20.74 MAX / MIN: 4.66	SHOWN ABOVE	AVERAGE FC: 16.64 MAX / MIN: 5.04
42"	AVERAGE FC: 18.21 MAX / MIN: 5.17	AVERAGE FC: 18.94 MAX / MIN: 4.39	SHOWN ABOVE	54"	AVERAGE FC: 18.75 MAX / MIN: 4.75	AVERAGE FC: 16.82 MAX / MIN: 4.68	SHOWN ABOVE

**\*ALL DATA REFLECTS 17A WATTAGE PACKAGE**

CYLINDER 1 SURFACE MOUNT

STATIC WHITE PERFORMANCE - 3000K

LUMEN PACKAGE	WATTS	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
80S11A	11	-	-	891	76	1080	98	1088	98	1002	91	1104	100	1160	105	908	82
80S17A/C	17	587	35	1451	73	1623	95	1624	95	1495	88	1643	96	1776	104	1357	79
90S11A	11	-	-	846	76	931	84	938	85	864	78	952	86	1000	90	783	71
90S17A/C	17	506	28	1251	73	1399	82	1400	82	1291	75	1416	83	1531	90	1170	68
97S11A	11	-	-	744	67	819	74	825	75	760	69	838	76	880	80	689	62
97S17A/C	17	437	26	1101	64	1231	72	1232	72	1136	66	1246	73	1347	79	1030	60
90L17AL (2700K-1800K)	18	-	-	1125	66	1262	74	1241	73	1154	68	1280	75	1186	70	687	62
90L17AD (3000K-1800K)	18	-	-	1148	68	1283	75	1284	76	1184	70	1299	76	1405	83	1073	63
90T17ATR (4000K-1800K)	17	-	-	1112	65	1230	72	1234	72	1157	68	1291	75	1192	70	994	58
90T17ATH (5000K-2700K)	17	-	-	1100	64	1213	71	1215	71	1174	69	1251	73	1178	69	982	57

OUTPUT MULTIPLIER	
CCT	CCT SCALE
2400K	0.76
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	0.99
SFL	1.00
FGL	0.90
FSFL	0.84
FLSL	0.85
HCL	0.68
SFL+HCL	0.63

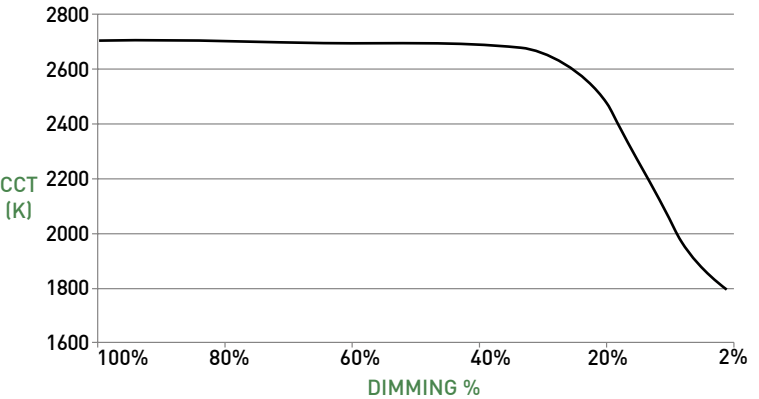
TUNABLE WHITE MULTIPLIER		
CCT	5000K-2700K	4000K-1800K
5000K	1.16	-
4000K	1.08	1.14
3500K	1.04	1.07
3000K	1.00	1.00
2700K	0.96	0.92
2400K	-	0.84
1800K	-	0.69

TITLE 24 JA8-2022 INDICATED BY SHADING

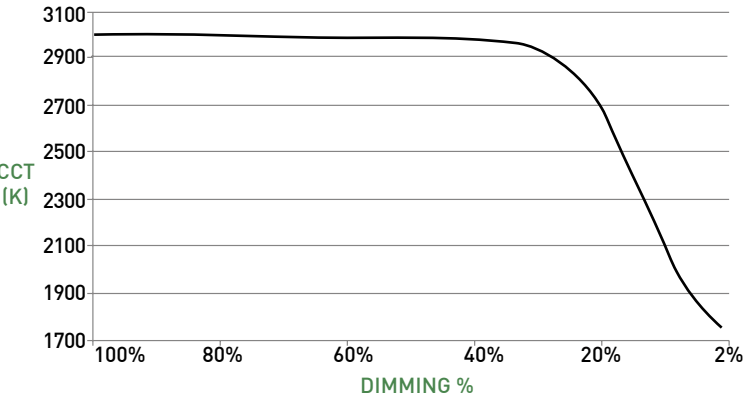
UNIFIED GLARE RATING						
10° OPTIC FIELD REDUCER	15° OPTIC SOFT FOCUS LENS	20° OPTIC SOFT FOCUS LENS	25° OPTIC SOFT FOCUS LENS	40° OPTIC SOFT FOCUS LENS	60° OPTIC SOFT FOCUS LENS	WALLWASH WALLWASH LENS
<16	<16	<10	<10	<10	<16	>19

WARM DIM PERFORMANCE - SOFT FOCUS LENS - 60° OPTIC

INCANDESCENT PROFILE							
17AL 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)	1280	1024	896	640	256	128	26
Power (W)	17	13.6	11.9	8.5	3.4	1.7	0.3
Efficacy (LPW)	66	66	66	66	66	66	66



HALOGEN PROFILE							
17AD 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)	1299	1039	909	650	260	130	26
Power (W)	17	13.6	11.9	8.5	3.4	1.7	0.3
Efficacy (LPW)	68	68	68	68	68	68	68



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

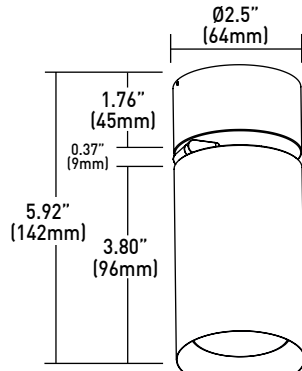
# CYLINDER 1 SURFACE MOUNT

## CYLINDER ASSEMBLY

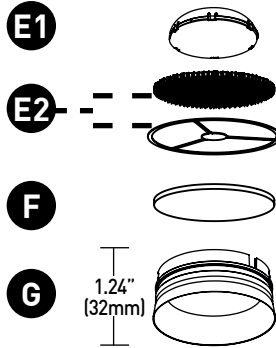
- A ADJUSTABLE - STANDARD CANOPY**  
Die-cast canopy accommodates flat and sloped ceiling conditions. Conceals hidden mounting hardware. "AD" (90° tilt, 365° rotation) canopy features 1.76" (45mm) tall canopy. Available with integral or remote driver.
- B ADJUSTABLE - SHALLOW CANOPY**  
Die-cast canopy 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**  
Soft Focus Lens, Honeycomb Louver, and Field Reducer provided with 10 degree beam selection. Reduces field angle by 10%
- F MEDIA**  
Cylinder accepts two 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

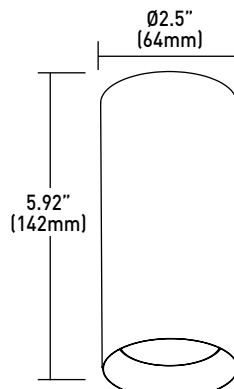
### A ADJUSTABLE BODY STANDARD CANOPY



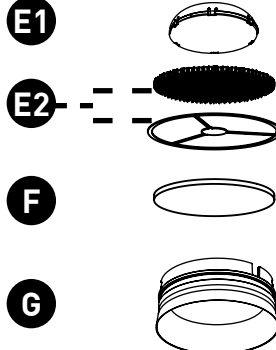
Cylinder weight  
0.90 lbs



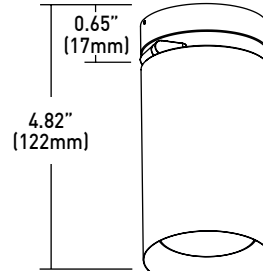
### C FIXED BODY



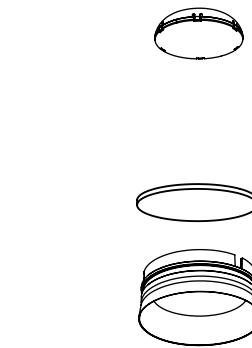
Cylinder weight  
0.90 lbs



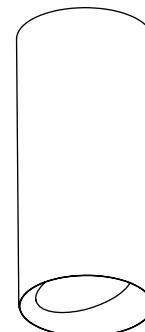
### B ADJUSTABLE BODY SHALLOW CANOPY



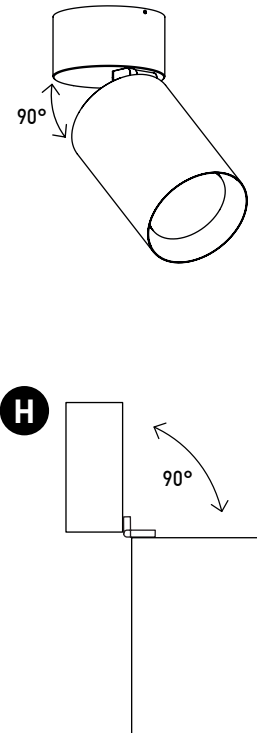
Cylinder weight  
0.85 lbs



### D WALLWASH FIXED BODY



Cylinder weight  
0.90 lbs



# CYLINDER 1 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, for ceiling thicknesses up to 0.75". Fixture to mount flush with minimalist transition to ceiling.  
Part Number - CY1X-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 - CY1X-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 - CY1X-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 - CY1X-CMJB-(FINISH)

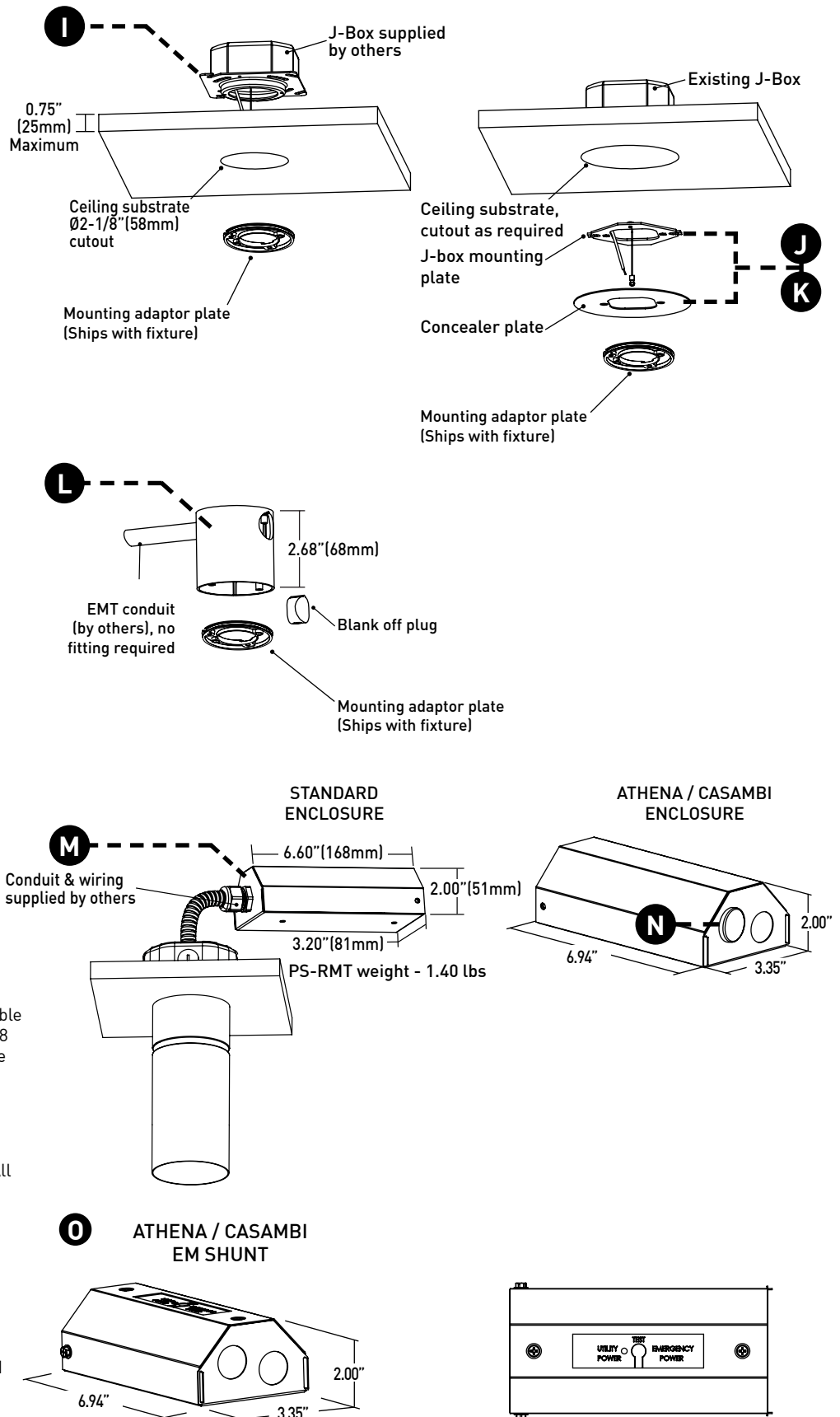
## MOUNTING NOTES

- CY1X-JBMP and CY1X-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

- 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**  
Included with drivers specified as ASR, ADP, 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



# CYLINDER 1 SURFACE MOUNT

## TECHNICAL

### CONSTRUCTION

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

**CMJB:** 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 95+ CRI configurations in color temperatures of 2700K, 3000K, 3500K and 4000K.

3-step MacAdam ellipse LED module available in 90+ CRI configuration in color temperature of 2400K. Average rated lamp life: 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

	PHASE		0-10V							ECO	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

DRIVER	WIRE AWG				
	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 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.

2. 07/22/2024: REMOVED L2 DRIVER.

3. 05/07/2025: UPDATED WARM DIM OFFERINGS AND PERFORMANCE

# CYLINDER 1 SURFACE MOUNT

## 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 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	QSN-2ECO-S
Homeworks QS control unit	QSGRJ- _E (wireless)
GRAFIK Eye QS control unit	QSGR- _E
Homeworks QS control unit	QSGR- _E
Quantum Hub	QP2- _ _ 2C
Quantum Hub	QP2- _ _ 4C
Quantum Hub	QP2- _ _ 6C
Quantum Hub	QP2- _ _ 8C
Homeworks QS power module	LQSE-2ECO-D
myRoom Plus power module	



### 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® - DDTV
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-A08
Crestron®	DIN-4DIMFLV4
Crestron®	CLS-EXP-DIMFLV
Crestron®	CLCI-1DIMFLV2EX
ABB	SD/S 2.16.1

## ANALOG DRIVERS AND DIMMERS

