Highlight art, objects, places, spaces, seating areas, and architectural details with a classic profile that offers easy-to-adjust, in-field versatility.

PROJECT NAME:	TYPE:



ORDERING INFORMATION - CYLINDER

Quick Ship Product. All rough in components ship within 10 days

CYLINDER	FIXTURE	RATING	CYLINDER FINISH	LUMEN PACKAGE	сст	OPTIC	DRIVER	up to quantiti EFFECTS DEVICE	MOUNTING
CY2		1					LVS		
CY2 3.13"	AD Standard 70° 9D Max 90° Tilt* *Increased lead time) AS Standard 70° Shallow Canopy* *(Remote driver only; increased lead time) 9S Max 90° Tilt Shallow Canopy* *(Remote driver only; increased lead time) AW Adjustable Wallwash 70°	D Max 90° Tilt* (Increased lead time) S S Standard 70° Shallow Canopy* (Remote driver only; creased lead time) S Max 90° Tilt Shallow Canopy* (Remote driver only; creased lead time) S Max 90° Tilt Shallow Canopy* (Remote driver only; creased lead time) CF Custom Finish* W Adjustable Wallwash 70° W Adjustable Wallwash 70° W Adjustable Wallwash 70° M AD/ AW E 90C1 AD/ AW E 97C1 AD/ AW E 90C2 AD/ AW E 97C1 AD/ AW E 90C3 AD/ AW E 97C1 AD/ AW E 90C4 AD/ AW E 90C2 AD/ AW E 90C2 AD/ AW E 90C2 AD/ AW E 90C3 AD/ AW E 90C4 AD/ AW E 90C4 AD/ AW E 90C5 AD/ AW E 90C4 AD/ AW E 90C5 AD/ AW E 90C6 AD/ AW E 90C7 AD/ AW E 90C7 AD/ AW E 90C8 AD/ AW E 90	AG Satin Silver* *[Increased lead time] AB Architectural Bronze* *[Increased lead time] BK Black MA Machined Aluminum* *[Not available with 90, 95, or Wet location]	\$\begin{align*} \text{STATICWHITE} \\ \text{80C12A} & 80 + CRI \\ \text{AD / 9D / AS / 9S Dlvd. Lumens - 775} \\ \text{WD Ivd. Lumens - 557} \\ \text{80C19A} & 80 + CRI \\ \text{AD / 9D / AS / 9S Dlvd. Lumens - 1196} \\ \text{AW Dlvd. Lumens - 859} \\ \text{80C25A} & 80 + CRI \\ \text{AD / 9D / AS / 9S Dlvd. Lumens - 1587} \\ \text{AW Dlvd. Lumens - 1141} \\ \text{90C10A} & 90 + CRI \\ \text{AD / 9D / AS / 9S Dlvd. Lumens - 641} \\ \text{AW Dlvd. Lumens - 460} \\ \text{90C15A} & 90 + CRI \\ \text{AD / 9D / AS / 9S Dlvd. Lumens - 988} \\ \text{AW Dlvd. Lumens - 710} \\ \text{90C20A} & 90 + CRI \\ \text{AD / 9D / AS / 9S Dlvd. Lumens - 1312} \\ \text{AW Dlvd. Lumens - 943} \\ \text{97C09A} & 97 + CRI \\ \text{AD / 9D / AS / 9S Dlvd. Lumens - 584} \\ \text{AW Dlvd. Lumens - 420} \\ \text{97C1AA} & 97 + CRI \\ \text{AD / 9D / AS / 9S Dlvd. Lumens - 901} \\ \text{AW Dlvd. Lumens - 648} \\ \text{97C19A} & 97 + CRI \\ \text{AD / 9D / AS / 9S Dlvd. Lumens - 1196} \\ AD / 9D / A	*(Only available for 90+CRI) 27 2700K 30 3000K 15 15° 35 3500K 25 25° 40 4000K 40 40° 60 60° WW Wallwash* *(Required and only available for AW fixture)	LVS Low Voltage System	STANDARD EFFECTS DEVICE 4 Soft Focus Lens N No Lens* *(Standard for 10* optic. Not available for Warm Dim) W Wallwash Lens* *(Required and only available for AW fixture) ALTERNATE EFFECTS DEVICE 2 Honeycomb Louver* *(Not available for Warm Dim) 3 Clear Glass Lens* *(Not available for Warm Dim) 5 Frosted Glass	JBMP 4 Sq. or 4/0 Junction Box Mounting Plate ① FINISH OUT SMK3 3/0 Surface Mount Kit ① SMK4 4/0 Surface Mount Kit ① CMJB 1/2" and 3/4" Conduit	
			WARM DIM 90W11A 90+ CRI, Incandescent Profile AD / 9D / AS / 9S Dlvd. Lumens - 931 AW Dlvd. Lumens - 686 90W12A 90+ CRI, Standard Profile AD / 9D / AS / 9S Dlvd. Lumens - 1047 AW Dlvd. Lumens - 771 *SEE PAGE 3 FOR DETAILED WARM DIM PRO- FILE COMPARISON. *ALL DELIVERED LUMEN OUTPUTS REFLECT 3000K PAIRED WITH 60° / WW OPTIC AND STANDARD EFFECTS DEVICE.	WL 2700K - 1800K WD 3000K - 1800K	25 25° 40 40° 60 60° WW Wallwash* *(Required and only available for AW fixture)	Lens 6 Frosted S Focus Le 7 Frosted I Spread I Spread I Lens W/ Linear Spread F C Clear Glass Le Linear	 6 Frosted Soft Focus Lens 7 Frosted Linear Spread Lens S Soft Focus Lens w/ Linear Spread Film C Clear Glass Lens w/ 		

(MH) (AG) White

Powder Coat

Satin Silver Powder Coat

(AB) Architectural Bronze Powder Coat

(RK) Black Powder Coat

(MA) Machined Aluminum

PART NUMBER NOTES

- Adjustable ships as e.g., CY2-AD-1-WH-90C20A2-3-LVS-4
- Mounting ships separate from fixture, part numbers listed on page 7.

APPLICATION NOTES

- Lucifer Lighting will not supply a fixture with a POE node or power supply inside the fixture. This allows for easier site install with nodes of 2 or more outputs.
- Consult node manufacturer for maximum remote wiring distances.
- Fixture features 18 Gauge wiring.
- Wiring connections are made on the fixture using customer supplied connectors, ex. wire nuts, push-in connectors, or terminal blocks.
- Confirm node compatibility with factory if it is not listed. Customers are responsible for ensuring POE node drive current is set to correct values shown below.
- Customers must ensure voltage range of the proposed POE node encompasses the fixtures complete Vf range, both maximum and minimum. If assistance is required contact LLC rep or factory.

NODE COMPATIBILITY

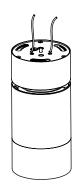
Manufacturer	Model Number
I O O C * Enabling Smart Buildings ™	NP50-60-C-F-5
molex	180996-1001 180996-1002 180996-2001 180996-2002
PLATFORMATICS	1 Channel Node, POE-LN2-1U-E 2 Channel Node, POE-LN2-2U-E 4 Channel Node, POE-LN2-4U-E

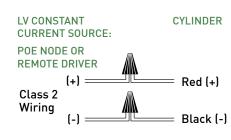
DRIVE CURRENT SPECIFICS

	80C			90C			97C			90W	
	12A	19A	25A	10A	15A	20A	09A	14A	19A	11A	12A
Minimum Vf	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
Maximum Vf	39	39	39	39	39	39	39	39	39	39	39
Current mA	250	400	550	250	400	550	250	400	550	400	400
Wattage W	8.2	13.6	19.4	8.2	13.6	19.4	8.2	13.6	19.4	13.6	13.6

	10 DEGREE OPTIC					
	80C12A	90C10A	97C10A			
Minimum Vf	30.5	30.5	30.5			
Maximum Vf	39	39	39			
Current mA	400	400	400			
Wattage W	13.6	13.6	13.6			

WIRING DIAGRAM







ACCESSORIES

ALTERNATE EFFECTS DEVICES

☐ **HCL-CY2-03** Honeycomb Louver *

*(Not available for Warm Dim)

☐ CGL-CY2-03 Clear Glass Lens *

*(Not available for Warm Dim)

☐ SFL-CY2-03 Soft Focus Lens

☐ FGL-CY2-03 Frosted Glass Lens

☐ FSFL-CY2-03 Frosted Soft Focus Lens

 \square FLSL-CY2-03 Frosted Linear Spread Lens

□ **SFL-LSL-CY2-03** Soft Focus Lens W/ Linear Spread Film

☐ CGL-LSL-CY2-03 Clear Glass Lens W/ Linear Spread Film

REPLACEMENT OPTICS

Interchangeable optics accessible by removing snoot or baffle.

□ **RO-70-15-1** 15° optic *

*(Not available for Warm Dim)

□ **RO-70-25-1** 25° optic

□ **RO-70-40-1** 40° optic

□ **RO-70-60-1** 60° optic

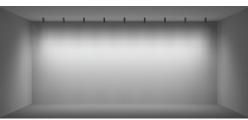
FIXED BODY REPLACEMENT SUCTION TOOL

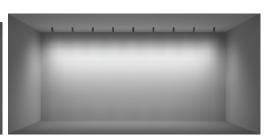
Included with each CY2-FB order (1 per 10 fixtures).

☐ CY-SQ-TOOL-SUCTION Baffle assembly removal tool

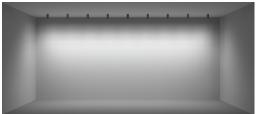
WALLWASH DESIGN GUIDE

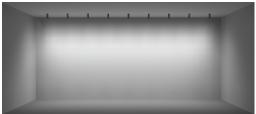


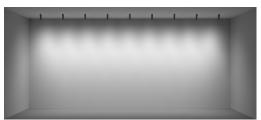




8FT CEILING 10FT CEILING 12FT CEILING 36" SETBACK / 36" ON CENTER SPACING / 15° TILT 36" SETBACK / 36" ON CENTER SPACING / 15° TILT 36" SETBACK / 36" ON CENTER SPACING / 15° TILT







RECOMMENDED

30" SETBACK / 30" ON CENTER SPACING / 10° TILT 36" SETBACK / 36" ON CENTER SPACING / 15° TILT 42" SETBACK / 42" ON CENTER SPACING / 20° TILT

- AVERAGE FC: 18.92
- MAX / MIN: 6.04
- 10FT CEILING SHOWN / 8-12FT IDEAL
- 9 FIXTURES / 25FT WALL SHOWN

- AVERAGE FC: 17.19
- MAX / MIN: 4.90
- 10FT CEILING SHOWN / 8-12FT IDEAL
- 9 FIXTURES / 30FT WALL SHOWN
- AVERAGE FC: 15.81
- MAX / MIN: 3.98
- 10FT CEILING SHOWN / 8-12FT IDEAL
- 9 FIXTURES / 35FT WALL SHOWN

ADDITIONAL SETBACKS AND SPACINGS

ON CENTER SPACING	SETBACK / TILT								
	30" / 10° TILT	36" / 15° TILT	42" / 20° TILT						
30"	SHOWN ABOVE	AVERAGE FC: 20.07 MAX / MIN: 5.33	AVERAGE FC: 18.50 MAX / MIN: 6.02						
36"	AVERAGE FC: 16.14 MAX / MIN: 5.60	SHOWN ABOVE	AVERAGE FC: 18.13 MAX / MIN: 4.24						
42"	AVERAGE FC: 14.07 MAX / MIN: 5.45	AVERAGE FC: 14.94 MAX / MIN: 4.50	SHOWN ABOVE						

*ALL DATA REFLECTS 90C15A LUMEN PACKAGE

luciferlighting.com

STATIC WHITE PERFORMANCE - 3000K

LUMEN WATTAGE				15° OPTIC SOFT FOCUS LENS		25° OPTIC SOFT FOCUS LENS		40° OPTIC SOFT FOCUS LENS		60° OPTIC SOFT FOCUS LENS		WW OPTIC WALLWASH LENS	
PACKAGE		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
80C12A	10	1000	58 (17W)	872	87	739	73	727	73	775	78	557	56
80C19A	17	-	-	1345	80	1139	67	1121	67	1196	71	859	51
80C25A	24	-	-	1786	75	1513	63	1488	62	1587	67	1141	48
90C10A	10	848	49 (17W)	721	72	611	61	601	60	641	64	460	46
90C15A	17	-	-	1112	66	942	55	926	55	988	59	710	42
90C20A	24	-	-	1476	62	1251	52	1230	52	1312	55	943	40
97C09A	10	703	41 (17W)	657	66	557	55	548	55	584	58	420	42
97C14A	17	-	-	1014	61	859	50	845	50	901	54	648	39
97C19A	24	-	1	1346	56	1140	47	1121	47	1196	50	860	36
90W11A	16					901	56	766	47	931	58	686	42
70W11A	10	-	-	-		701	26	/00	4/	731	38	000	42
90W12A	16	-	-	-	-	1013	63	861	53	1047	64	771	48

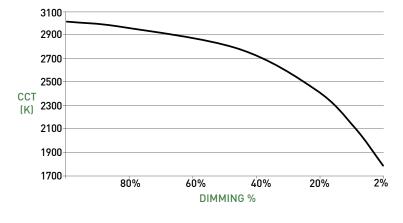
OUTPUT MULTIPLIER							
ССТ	CCT SCALE						
2200K	0.800						
2700K	0.957						
3000K	1.000						
3500K	1.019						
4000K	1.030						

LIGHT LOSS FACTOR MULTIPLIER							
No Lens	1.05						
SFL	1.00						
CGL	1.00						
FGL	0.90						
FSFL	0.87						
FLSL	0.83						
SFL W/ LINEAR SPREAD	0.82						
CGL W/ LINEAR SPREAD	0.82						
HCL	0.65						

WARM DIM PERFORMANCE - SOFT FOCUS LENS - 60° OPTIC

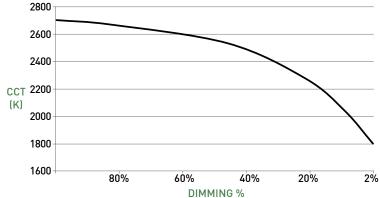
STANDARD WARM DIM PROFILE

90W12A 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)	1047	837	732	523	209	104	20
Power (W)	14	11	10	7	3	1.5	0.3
Efficacy (LPW)	64	64	64	64	64	64	64



WARM DIM TO MIRROR INCANDESCENT DIMMING PROFILE

90W11A 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)	931	744	651	465	186	93	18
Power (W)	16	13	11	8	3	1.7	0.3
Efficacy (LPW)	58	58	58	58	58	58	58



CYLINDER ASSEMBLY

A LUMINAIRE

Body with integrated heat sink and LED. Conceals hidden twist-on mounting hardware. Power supply must be remote mount.

STANDARD CANOPY

Die-cast canopy accommodates flat and slope ceiling conditions. Conceals hidden twist-on mounting hardware. "AD" [70° tilt, 357° rotation] and "9D" [90° tilt, 357° rotation] canopy features 1.60" [41mm] tall canopy. Available with integral or remote driver.

SHALLOW CANOPY

Die-cast canopy accommodates flat and slope ceiling conditions. Conceals hidden twist-on mounting hardware. "AS" [70° tilt, 357° rotation] and "9S" [90° tilt, 357° rotation] canopy features 0.50" [13mm] tall canopy, reducing overall height. Requires remote power supply.

STANDARD OPTICS

Proprietary optics available in 10°, 15°, 20°, 40° & 60° beams.

WALLWASH OPTIC

Precision tuned optic provides uniform wallwashing effect.

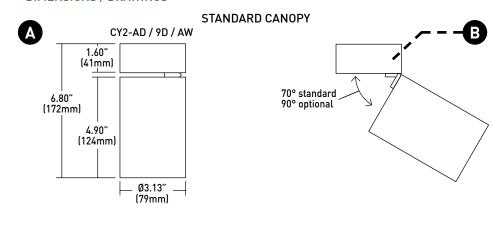
EFFECTS DEVICE

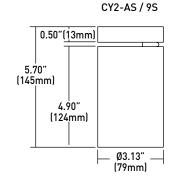
Fixture body and accepts 1 lens; soft focus lens, no lens or wallwash lens standard. Sealed in place for Wet locations.

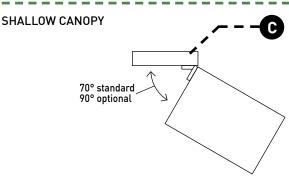
BAFFLE

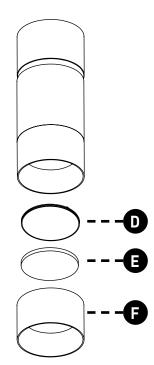
Threaded removable cowling provides virtually seamless joint with fixture body.

DIMENSIONS / DRAWINGS











MOUNTING

G 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 - CY2/3-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 - CY2/3-SMK-3/0-(FINISH)

SMK

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 - CY2/3-SMK-4/0-(FINISH)

CMJB

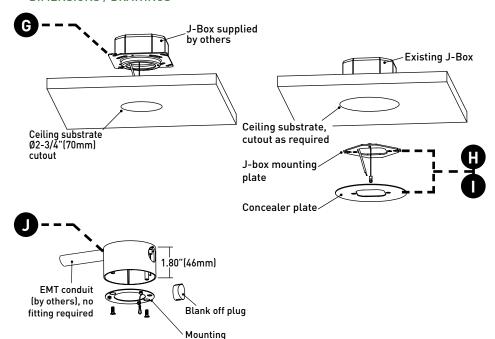
Ceiling mount junction box perfectly matches the cylinder profile for a continuous, integrated look where exposed ceiling mount junction box and conduit applications apply. For use with 1/2" and 3/4" EMT conduit only. Features two conduit entrances on either side and one conduit knockout on top of j-box. J-box is IP10 rated; painted finishes only. Blank off plugs included.

Part Number - CY2-CMJB-(FINISH)

MOUNTING NOTES

- CY2/3-JBMP and CY2/3-SMK-3/0 & 4/0 not recommended for use with pancake style i-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.

DIMENSIONS / DRAWINGS



adaptor plate

TECHNICAL

CONSTRUCTION

Cylinder: Die-cast aluminum body; extruded aluminum internal heatsink; painted finishes are granulated powder coat.

CMJB: Die-cast aluminum body; painted finishes are granulated powder

STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+, 90+ and 97+ CRI configurations in color temperatures of 2200K, 2700K, 3000K, 3500K and 4000K. 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.

WALLWASH SPACING AND TILT

Cylinder must be tilted to achieve wallwashing effect. Recommended fixture spacing is 36" (914mm) on center with 36" (914mm) setback from wall plane with 30° tilt.

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 UL2108 standard for Dry / Damp locations.

WEIGHT

Cylinder / Mounting - 2.4 lbs

LIMITED 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 to operate with 70% of the original flux and remain within a range of 3 duv. Warranty period begins from the date of shipment by Seller. Consult website for full warranty terms and conditions

CHANGE LOG

- 1.01/12/2021: ADDED 2200K, 2700K-1800K WARM DIM AND 10 DEGREE OPTIC OFFFRINGS
- 2.11/17/2021: UPDATE 25° PHOTOMETRICS.
- 3.06/21/2022: ADDED SOFT FOCUS LENS W/ LINEAR SPREAD FILM, AND CLEAR GLASS LENS W/ LINEAR SPREAD FILM.



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

pq. 8