CY4AS Series

Cylinder Light

GradeONE™

Product Overview

The CY4AS 4-inch outdoor/indoor cylinder light is built with a sleek architectural powder-coated aluminum housing and a durable silicon dioxide glass lens for reliable performance in demanding environments. Featuring 3 field-selectable lumen options, 5 field-selectable CCTs, a choice of 3 interchangeable reflectors, and 0-10V dimming, CY4AS is able to meet a wide range of lighting requirements. 140,000-hour L70 life and ENERGY STAR certification ensure long-lasting LED performance.



Key Features

Data is based on the 4000K CCT setting.

Lumens:	1119 | 1509 | 1766	**Voltage:**	120-277V
Wattage:	19	**Operating Temperature:**	-40°C to 45°C (-40°F to 113°F)
LPW:	97 | 95 | 93	**Housing:**	Aluminum
Color Temperature:	2700K | 3000K | 3500K | 4000K | 5000K	**Finish:**	Bronze
CRI:	90	**Mounting Options:**	Surface Mount (Outdoor) Cord Mount (Indoor)
Optics | Beam Angle:	40°	**Lifespan:**	140,000
Light Source:	LED	**Warranty:**	5-Yr Limited Warranty
Dimmable:	0-10V Dimming leads are available for use in the field	**Ratings and Certifications:**	cULus, Wet Location, Energy Star, FCC Part 15, Subpart B, Class B

Ordering Information

Refer to the ordering table to select the appropriate options for your application.

Example: CY4AS2LULSCTBZCM

SERIES	**LUMENS**	**VOLTAGE**	**CCT**	**FINISH**	**MOUNT**
CY4AS	**2L** 2000 Lumens	**UL** 120-277V	**SCT** 2700K | 3000K | 3500K | 4000K | 5000K	**BZ** Bronze	**CM** Cord Mount **SM** Surface Mount

Website: www.lightingproplus.com
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Rev. Date: V1 09/29/2026

Performance Data

Luminaire Performance

PRODUCT	MEASUREMENTS	LOW LUMENS					MID LUMENS					HIGH LUMENS				
		2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
CY4AS	Lumens	978	1026	1074	1119	1200	1305	1367	1438	1509	1615	1527	1597	1679	1766	1907
	Watt	11.42	11.41	11.37	11.5	11.56	15.69	15.68	15.62	15.84	15.98	18.82	18.74	18.65	18.99	19.18
	LPW	85.64	89.92	94.46	97.3	103.81	83.17	87.18	92.06	95.27	101.06	81.14	85.22	90.03	93.00	99.43

Electrical Performance

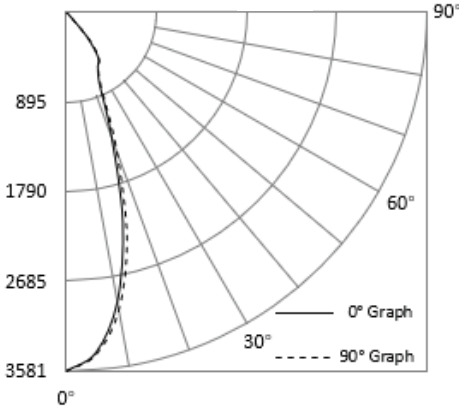
OPERATING TEMPERATURE RANGE	ESTIMATED L_{70} LIFETIME @ 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE	SURGE PROTECTION
-40°C to 45°C (-40°F to 113°F)	L70>140,000 Hrs.	>0.9 at full load	<20% at full load	0-10V Dimming leads are available for use in the field	4kV

AMP Draw

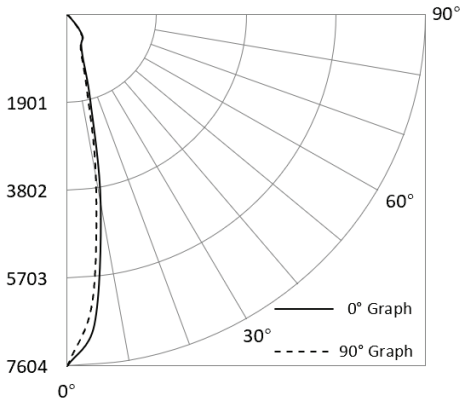
	CCT	LOW LUMENS			MID LUMENS			HIGH LUMENS		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
CY4AS	2700K	0.10	0.05	0.04	0.13	0.07	0.06	0.16	0.08	0.07
	3000K	0.10	0.05	0.04	0.13	0.07	0.06	0.16	0.08	0.07
	3500K	0.09	0.05	0.04	0.13	0.07	0.06	0.16	0.08	0.07
	4000K	0.10	0.05	0.04	0.13	0.07	0.06	0.16	0.08	0.07
	5000K	0.10	0.05	004	0.13	0.07	0.06	0.16	0.08	0.07

Photometric Distribution

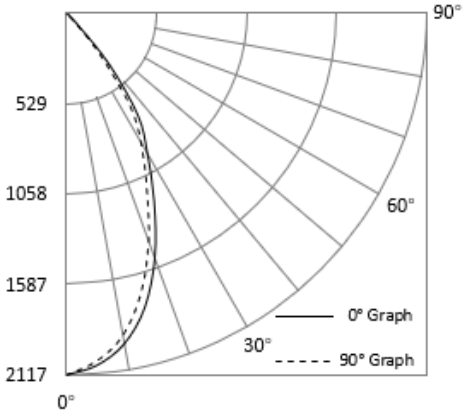
40° (DEFAULT)



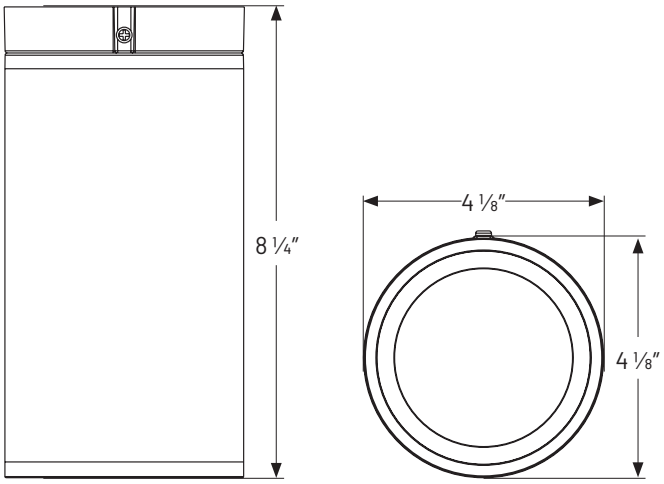
25° (WITH OPTIONAL REFLECTOR)



60° (WITH OPTIONAL REFLECTOR)



Line Drawings



Fixture Dimensions

SERIES	MOUNTING OPTIONS	RECOMMENDED MOUNTING HEIGHT	PRODUCT DIMENSIONS (L x W x H - FRACTIONS ROUNDED UP TO THE NEAREST 1/8")	PRODUCT WEIGHT (LBS.)
CY4AS	Cord Mount	10 to 12 Feet	4 ⅛" L × 4 ⅛" W × 8 ¼" H	2.58
CY4AS	Surface Mount	10 to 12 Feet	4 ⅛" L × 4 ⅛" W × 8 ¼" H	2.39

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Accessories

25° OPTIC REFLECTOR

SKU: CY4AAPEN4-REFL-25
USE: Changes the beam angle to a 25° output

60° OPTIC REFLECTOR

SKU: CY4AAPEN4-REFL-60
USE: Changes the beam angle to a 60° output

JUNCTION BOX COVER

SKU: CY4AAPEN-JBOX-COVER
USE: Encloses and protects wiring while providing an attractive mounting surface for the fixture

4' STEM

SKU: CY4AAPEN-MT-STEM
USE: Protects mounting cord against damage



DECORA DIMMER

SKU: CY4ADWOS-3J
USE: 0-10V Decora Dimming Switch



TOGGLE DIMMER

SKU: CY4AGPDMLV-02-3
USE: 0-10V Toggle Dimming Switch



LEVITON DIMMER

SKU: CY4AGPDMLV-12-3
USE: 0-10V Rocker Dimming Switch



PHOTOCELL

SKU: CY4AJL-404C
USE: Photocontrol



360° DUAL TECHNOLOGY OCCUPANCY SENSOR

SKU: CY4AMDC-50V
USE: Dual Technology Motion Sensor



360° CEILING-MOUNTED PIR OCCUPANCY SENSOR

SKU: CY4AMPC-50V
USE: PIR Motion Sensor



ENERLITES DUAL TECHNOLOGY OCCUPANCY/VACANCY WALL SWITCH SENSOR

SKU: CY4AMWOS
USE: Operates lights using PIR and ultrasonic technologies

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