

WCA SERIES PERFORMANCE WALL CYLINDER

Client:
Project:
Type:
Quantity:

CONSTRUCTION

The specification grade decorative WCA Performance Cylinder Wall Sconce delivers clean distribution suitable for commercial, hospitality and residential applications. Modern stylish designs offer excellent direct, indirect lighting.

OPTICS

Clear temper glass lens protects LEDs against solid and liquid impact, symmetric LED board layout offers maximum uniformed illumination. 70° optics, optional 16°, 25°, 32°, 50° or 60° optics made to order. Field Selectable CCT light engine for 3000K ~ 5000K.

ELECTRICAL

80+ CRI Samsung LED.
-40°C up to 50°C (-40°F up to 122°F) maximum operating temperature.
75,000hr LED at L70 @ 25°C.
Field Selectable Direct/Indirect: 100% Direct | 50% - 50% | 100% Indirect
Field Selectable Output:
- 100% Direct / 100% Indirect: 25W / 22.5W / 20W / 14.6W
- 50% Direct 50% Indirect: 36W / 30W / 20W / 15W
Driver operates at 120-277V input, 50/60Hz, <15% THD, 0.9 power factor.
Built-in button photocell.

MOUNTING

Wall mount over electrical box or via surface conduit.

STANDARD FINISH

Corrosion resistant Dark Bronze powder coating finish.

CUSTOM FINISH

Corrosion resistant Black, Graphite Metallic, Gray, Silver, White, Custom RAL#.

CERTIFICATION

Wet location listed.
Meets Buy America Act requirements.
All luminaires are built to UL1598 standards and bear appropriate cULus labels.

WARRANTY

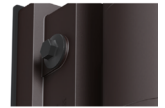
5 year warranty, see Limited Warranty for additional information.



Interchangeable Optics



Enable Photocell



Disable Photocell



WCA SERIES PERFORMANCE WALL CYLINDER

ORDER INFORMATION **EXAMPLE: WCA 36 SC 70 DB U-P**

Fixture	Series	Power & LM	CCT	Distribution	Finish	Input
	WCA	36	SC			UD-P

Accessories
Options

A SERIES

WCA Performance Wall Cylinder

B POWER & LM

Code	Power	LM
36	100% Direct or 100% Indirect: 25W / 22.5W / 20W / 14.6W 50% Direct 50% Indirect: 36W / 30W / 22W / 15W	1,080 ~ 2,550lm 1,100 ~ 4,050lm

C CCT

SC Field Selectable CCT 3000K / 4000K / 5000K

D DISTRIBUTION

Standard	
70	70°
Custom	
16	16°
25	25°
32	32°
50	50°
60	60°

D FINISH

Standard						
DB	Dark Bronze					
Custom Color						
CC	BK	Black	GM	Graphite Metallic	GR	Gray
	SV	Silver	WH	White	RAL#	

E INPUT

U-P 120-277V with Built-in Photocell
 *see page 6 for spec

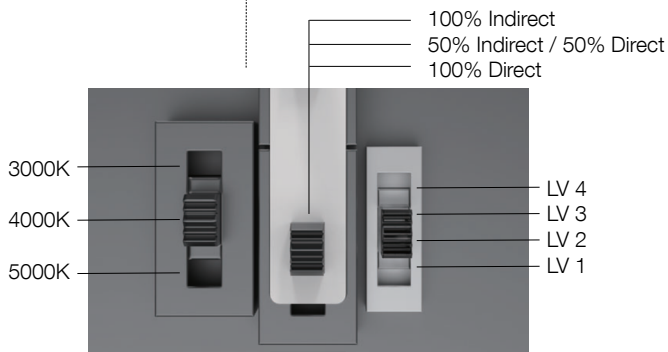
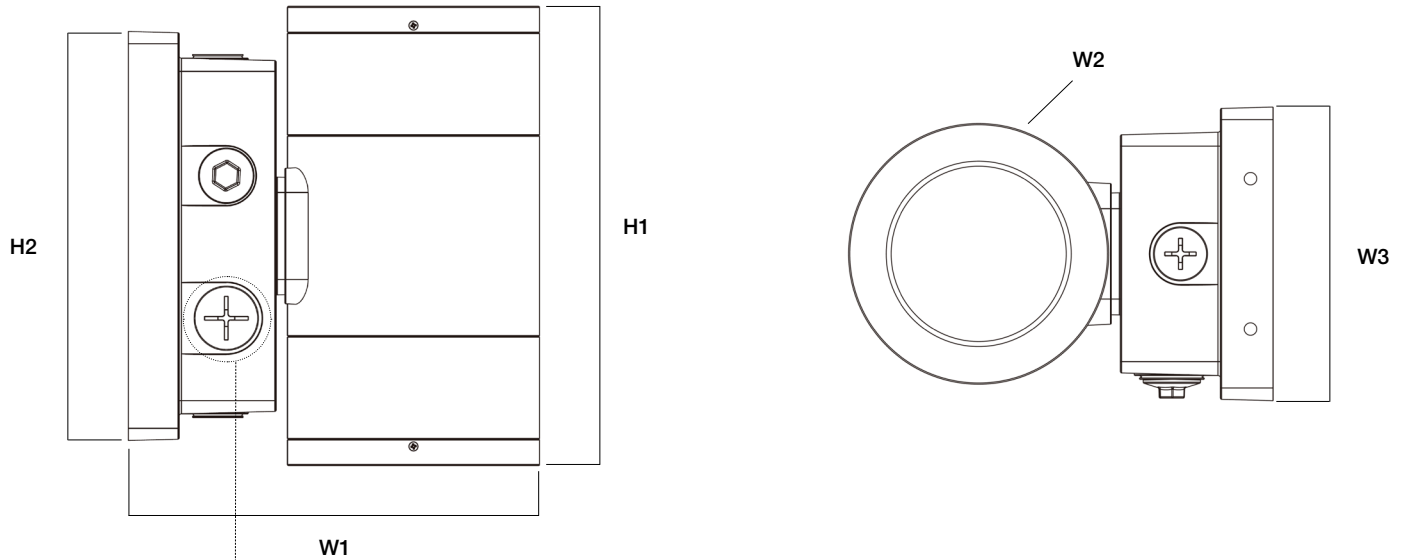
F ACCESSORIES/OPTIONS

AIA Assembled in America, compliant with BAA (COTS)

WCA SERIES PERFORMANCE WALL CYLINDER

DIMENSIONS

Model	H1	H2	W1	W2	W3
WCA-36	7.48" (190mm)	6.65" (169mm)	6.68" (170mm)	ø 4.09" (104mm)	4.61" (117mm)



Built-in Selector Dipswitch
 (To access by open side knockout cap)

WCA SERIES PERFORMANCE WALL CYLINDER

PERFORMANCE DATA

70° Optics - 100% Indirect or 100% Direct							
SYSTEM WATTS	SETTING	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
25W	LV 1	2240	90	2440	98	2360	94
22.5W	LV 2	2060	92	2240	100	2160	96
20W	LV 3	1860	93	2030	102	1940	97
14.6W	LV 4	1400	96	1550	106	1480	101

60° Optics - 100% Indirect or 100% Direct							
SYSTEM WATTS	SETTING	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
25W	LV 1	2050	82	2200	88	2130	85
22.5W	LV 2	1860	83	2030	90	1940	86
20W	LV 3	1670	84	1820	91	1740	87
14.6W	LV 4	1270	87	1350	92	1320	90

50° Optics - 100% Indirect or 100% Direct							
SYSTEM WATTS	SETTING	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
25W	LV 1	1720	69	1860	74	1750	70
22.5W	LV 2	1570	70	1680	75	1620	72
20W	LV 3	1420	71	1540	77	1450	73
14.6W	LV 4	1080	74	1170	80	1100	75

32° Optics - 100% Indirect or 100% Direct							
SYSTEM WATTS	SETTING	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
25W	LV 1	1880	75	2080	83	1970	79
22.5W	LV 2	1750	78	1920	85	1800	80
20W	LV 3	1560	78	1750	88	1660	83
14.6W	LV 4	1180	81	1340	92	1260	86

25° Optics - 100% Indirect or 100% Direct							
SYSTEM WATTS	SETTING	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
25W	LV 1	1950	78	2200	88	2100	84
22.5W	LV 2	1770	79	2000	89	1920	85
20W	LV 3	1660	80	1810	91	1730	87
14.6W	LV 4	1230	84	1370	94	1300	89

16° Optics - 100% Indirect or 100% Direct							
SYSTEM WATTS	SETTING	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
25W	LV 1	2400	96	2550	102	2460	98
22.5W	LV 2	2190	97	2348	104	2260	100
20W	LV 3	1970	99	2150	108	2020	101
14.6W	LV 4	1480	101	1630	112	1540	105

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PERFORMANCE DATA

70° Optics - 50% Indirect / 50% Direct (Combined Output)							
SYSTEM WATTS	SETTING	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
36W	LV 1	3130	87	3460	96	3280	91
20W	LV 2	2640	88	2930	98	2750	92
22W	LV 3	1970	90	2200	100	2080	95
15W	LV 4	1440	96	1600	107	1520	101

60° Optics - 50% Indirect / 50% Direct (Combined Output)							
SYSTEM WATTS	SETTING	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
36W	LV 1	2870	80	3040	84	2960	82
30W	LV 2	2420	81	2560	85	2520	84
22W	LV 3	1830	83	1910	87	1880	85
15W	LV 4	1300	87	1380	92	1350	90

50° Optics - 50% Indirect / 50% Direct (Combined Output)							
SYSTEM WATTS	SETTING	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
36W	LV 1	2380	66	2530	70	2450	68
30W	LV 2	2030	68	2160	72	2080	69
22W	LV 3	1540	70	1640	75	1580	72
15W	LV 4	1100	73	1190	79	1130	75

32° Optics - 50% Indirect / 50% Direct (Combined Output)							
SYSTEM WATTS	SETTING	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
36W	LV 1	2680	74	3030	84	2850	79
30W	LV 2	2260	75	2540	85	2410	80
22W	LV 3	1720	78	1910	87	1800	82
15W	LV 4	1200	80	1350	90	1280	85

25° Optics - 50% Indirect / 50% Direct (Combined Output)							
SYSTEM WATTS	SETTING	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
36W	LV 1	3000	83	3530	98	3300	92
30W	LV 2	2560	85	2970	99	2820	94
22W	LV 3	1960	89	2230	101	2120	96
15W	LV 4	1400	93	1570	105	1480	99

16° Optics - 50% Indirect / 50% Direct (Combined Output)							
SYSTEM WATTS	SETTING	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
36W	LV 1	3380	94	4050	113	3550	99
30W	LV 2	2870	96	3420	114	3010	100
22W	LV 3	2130	97	2530	115	2280	104
15W	LV 4	1520	101	1750	117	1630	109

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SENSOR SPEC

Model	Type	Mounting	Coverage	Input	Function	Programmable
SENSOR-PH-PB-U	-	-	-	Universal	Dusk-to-Dawn Control	-



SENSOR-PH-PB-U