



8" ROUND ADJUSTABLE DIRECT / ADJUSTABLE INDIRECT ACCENTUATOR SERIES



CO816ADJUDXT - WALL MOUNT

APPLICATION

8" round x 16" high 8" diameter series direct / indirect cylinder luminaire with adjustable tilt direct (down) and indirect (uplight) component.

FEATURES

Spectrum's Cylinder series provides traditional architectural style with high performance and energy efficient illumination. Rugged design with flexible mounting, finish and LED options make these extremely versatile fixtures. Quick change LED module with interchangeable optics for job site flexibility and fixture upgrade. Uplight and Downlight LED modules may be tilted up to 20° from vertical and locked.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. See mounting and color pages for standard finishes. All exposed materials are chromate pretreated to resist corrosion.

ELECTRONICS

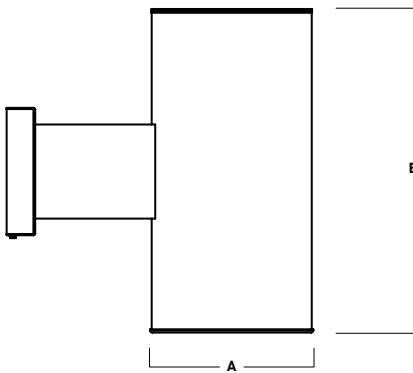
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic 120V/277V and dimming drivers. 1 or 2 circuit operation.

CONSTRUCTION

Fabricated seamless aluminum fixture housing. Silicone gasket seals optical chamber. Specular primary optical reflectors provide high efficiency illumination. Impact resistant tempered glass lenses. Stainless steel hardware with galvanized steel brackets to resist corrosion. Trim formed from .063 thick high purity aluminum and finished to specification.

CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Wet Location Option. Manufactured and tested to UL standards No. 1598/8750.



A	B
8.0 203.2 mm	16.0 406.4 mm

Fixture Weight: 24.5 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS	DELIVERED LUMENS ²	SYSTEM WATTS ³	LPW
CO816ADJUDXT10Lx2	2000	1626	18.2	89
CO816ADJUDXT13Lx2	2600	2191	26	84
CO816ADJUDXT20Lx2	4000	3370	43.4	78

SERIES	UPLIGHT ⁴		DOWNLIGHT		CCT		DRIVER / DIMMING ⁶		OPTIONS ⁷		TRIM		MOUNTING ¹⁰		FINISH ¹¹							
CO816ADJUDXT	LUMENS ¹	OPTICS	LUMENS ¹	OPTICS	83 CRI		EX	Electronic Driver, 120V/277V	WL	Wet Location	TSG	Semi Diffuse Low Iridescent Clear	WM3	Wall Mount 3" Extension	MW ¹²	Matte White						
	10L	XN ⁵ 11°	10L	XN ⁵ 11°	27K	2700K	DS10X	10%, 0-10V, 120V/277V	FS	Fuse Holder and Fuse	TMB	Matte Black	WM5	Wall Mount 5" Extension	PT ¹²	Platinum Silver						
	1000 Lm	ND 23°	1000 Lm	ND 26°	30K	3000K																
	13L	WD 42°	13L	WD 53°	40K	4000K	DO10X	1%, 0-10V, 120V/277V	2CIR	2 Circuit	TCC	Same Color as Cylinder Custom Color	EMERGENCY BATTERY OPTIONS									
											1300 Lm	MD 37°					1300 Lm	MD 45°	35K	3500K		
	20L	XW 58°	20L	XW 54°	98 CRI ⁵		DS2W1	ELV/MLV, 120V			LENS		EMRM	7W Remote EM								
					2000 Lm	2000 Lm					27HK	2700K							SO ⁹	Micro Prism Solite™ Lens	EMEN	7W Remote with Enclosure
					30HK	3000K					GL ⁹	Clear Glass Lens							FG	Frosted Glass Lens		

EXAMPLE: CO816ADJUDXT10LND20LWD35KEX/TSGSO/WM5/MW

NOTES:
 1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with WD-GL, WD-TSG-SO 3 At 83 CRI 4 1/4" Clear Glass Only 5 13L Max/XIN not Available with 98 CRI Option 6 Contact Factory for Additional Options 7 See Product Options Page for Details 8 Standard Lens for All Indirect and Direct: XN, ND 9 Standard Lens for All Direct: MD, WD, XW 10 See Mounting Page for Details on Components and Finishes 11 Reference Color Sheet Located on Product Webpage for Full List of Available Colors/Consult Factory for Special Finishes 12 Standard Finishes



PROJECT: _____
 TYPE: _____



Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

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ACCENTUATOR SERIES / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

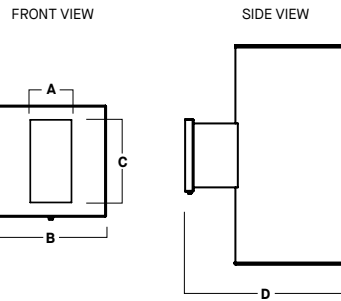


PT
PLATINUM SILVER



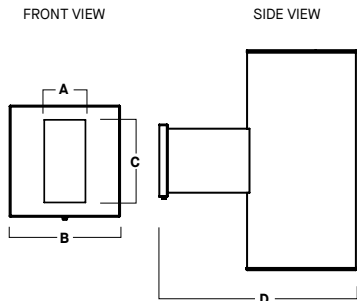
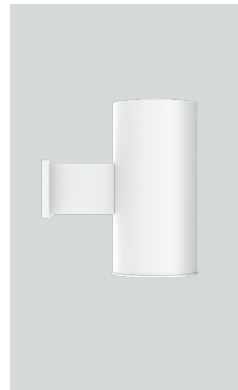
WALL MOUNT DETAIL

WM3
WALL MOUNT 3" EXTENSION



A	B	C	D
2.4	6.4	4.7	11.7
61.0 mm	162.6 mm	119.4 mm	297.2 mm

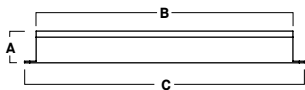
WM5
WALL MOUNT 5" EXTENSION



A	B	C	D
2.4	6.4	4.7	14.5
61.0 mm	162.6 mm	119.4 mm	368.3 mm

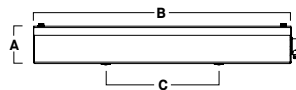
EMERGENCY BATTERY OPTIONS

EMRM* - 7W REMOTE EMERGENCY BATTERY
(50' MAX)



A	B	C
1.3	12.6	13.0

EMEN* - 7W REMOTE EMERGENCY BATTERY
WITH ENCLOSURE (50' MAX)



A	B	C
2.0	17.0	6.2

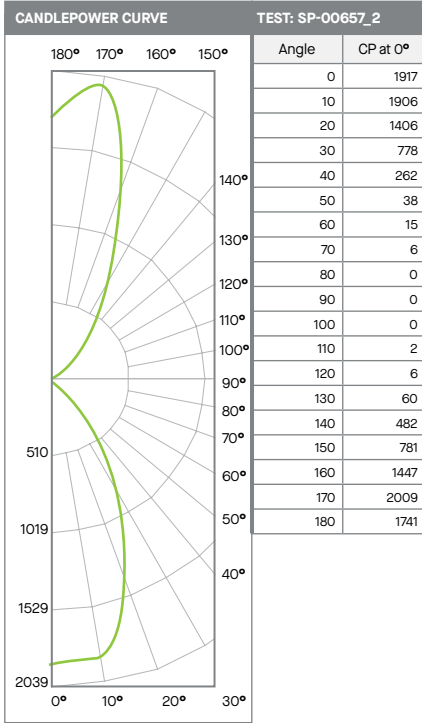
*OTHER EM BATTERY SIZES AVAILABLE, CONSULT FACTORY

**8" ROUND ADJUSTABLE DIRECT /
ADJUSTABLE INDIRECT**
ACCENTUATOR SERIES / PHOTOMETRIC DATA



C0816ADJUDXT-20LWDGL-20LWD-xxK-EX-TSG-SO

20Lx2 WIDE - 83 CRI



ZONAL LUMENS

0-20	656	19%
0-40	1468	44%
0-60	1584	47%
0-90	1597	47%
90-120	6	0%
90-150	620	18%
90-180	1773	53%
Total Lumens	3370	100%

Delivered Lumens: 3370
Luminaire Watts: 43.4
LER: 78

SINGLE UNIT: PERFORMANCE
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	63	6.0'	24
6.5'	45	7.1'	17
7.5'	34	8.2'	13
8.5'	27	9.3'	10
10.0'	19	11.0'	7
12.0'	13	13.2'	5
14.0'	10	15.4'	4
16.0'	7	17.6'	3

* From aperture to horizontal surface below.
** At IESNA defined Beam Angle, to 50% Max. CP.

Spacing Ratio: N/A
Output Multipliers: 13L x 0.67

SINGLE UNIT: PERFORMANCE
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	120	4.6'	45
5.0'	77	5.8'	29
6.0'	53	6.9'	20
8.0'	30	9.2'	11
10.0'	19	11.5'	7
12.0'	13	13.9'	5
14.0'	10	16.2'	4
16.0'	7	18.5'	3

* From aperture to horizontal surface below.
** At IESNA defined Beam Angle, to 50% Max. CP.