

12" ROUND ACCENT DIRECT

ACCENTUATOR SERIES



C1216XT - WALL MOUNT

APPLICATION

12" round x 16" high cylinder luminaire for accent, decorative and general illumination. Unique biaxial trim adjustable for accent lighting.

FEATURES

Biaxial adjustable trim tilts down 20 degrees and rotates 360 degrees for optimal aiming. 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.

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

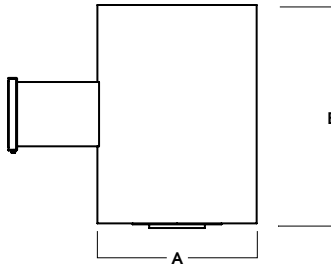
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic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

CONSTRUCTION

Fabricated seamless aluminum fixture housing. Die-cast tilt down gimbal ring and optics bezel. Impact resistant tempered glass lenses. Stainless steel hardware.

CODE COMPLIANCE

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



A	B
11.7 297.2 mm	16.0 406.4 mm

Fixture Weight: 24.8 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS ³	LPW
C1216XT10L	1000	899	9.1	99
C1216XT13L	1300	1211	13.0	93
C1216XT20L	2000	1863	21.7	86
C1216XT30L	3000	2794	32.6	86
C1216XT40L	4000	3585	37.9	95
C1216XT60L	5000	4657	52.0	90

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / DIMMING ⁵	OPTIONS ⁷	TRIM	MOUNTING ⁹	FINISH ¹⁰
C1216XT	10L 1000 Lm	83 CRI	XN ⁴ 16°	EX Electronic Driver, 120V/277V	FS Fuse Holder and Fuse	TCY Same Color as Cylinder TCC Custom Color	WM3 Wall Mount 3" Extension WM5 Wall Mount 5" Extension	MW ¹¹ Matte White MB ¹¹ Matte Black PT ¹¹ Platinum Silver CC Custom Color
	13L 1300 Lm	27K 2700K	ND 20°	DS10X 10%, 0-10V, 120V/277V				
	20L 2000 Lm	30K 3000K	MD 21°	DO10X 1%, 0-10V, 120V/277V				
	30L 3000 Lm	35K 3500K	WD 40°	DLTE1 ⁶ Lutron 2-Wire Forward Phase (MLV), 120V				
	40L 4000 Lm	40K 4000K		DL3EX ⁶ 1%, Lutron® EcoSystem® Fade, 120V/277V				
	50L 5000 Lm	98 CRI ⁴		ED01X 0.1%, eldoLED 120V/277V				
		27HK 2700K		DALI DALI Control				
		30HK 3000K						
		35HK 3500K						
		40HK 4000K						
						LENS	EMERGENCY BATTERY OPTIONS	See Page 5 for Full Range of Color Options (83-90095)
					NL No Lens	EMRM 7W Remote EM		
					GL ⁸ Clear Glass Lens SO Micro Prism Solite™ Lens	EMEN 7W Remote with Enclosure		

EXAMPLE: C1216XT20L30KMDEX/TCYSO/WM5/MW

NOTES:

1 Nominal Source Lumens At Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with ND-GL 3 At 83 CRI 4 13L Max/XN not Available with 98 CRI Option 5 Consult Factory for Additional Options 6 50L Not Available with Lutron Drivers 7 See Product Options Page for Details 8 Standard Lens 9 See Mounting Page for Details on Components and Finishes 10 See Color Page for More Options/Consult Factory for Special Finishes 11 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

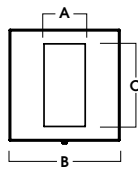


WALL MOUNT DETAIL

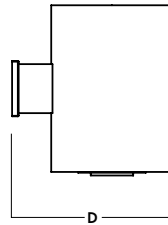
WM3
WALL MOUNT 3" EXTENSION



FRONT VIEW



SIDE VIEW

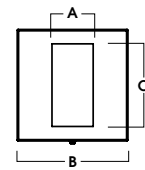


A	B	C	D
2.4	6.4	4.7	15.4
61.0 mm	162.6 mm	119.4 mm	391.2 mm

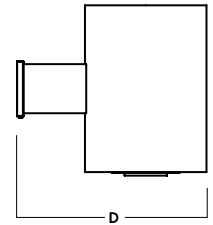
WM5
WALL MOUNT 5" EXTENSION



FRONT VIEW



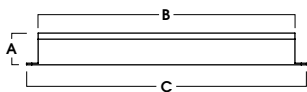
SIDE VIEW



A	B	C	D
2.4	6.4	4.7	18.2
61.0 mm	162.6 mm	119.4 mm	462.3 mm

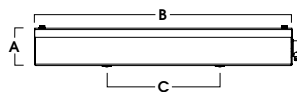
EMERGENCY BATTERY OPTIONS

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

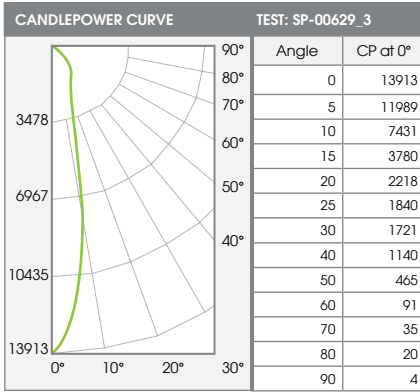
12" ROUND ACCENT DIRECT

ACCENTUATOR SERIES / PHOTOMETRIC DATA



C1216XT-50LxxK-NDEX-TCY-GLxxMW

50L NARROW - 83 CRI



ZONAL LUMENS		
0-10	972	21%
0-20	2049	44%
0-30	2898	62%
0-40	3788	81%
0-60	4534	97%
0-80	4634	99%
0-90	4657	100%
Total Lumens	4657	100%

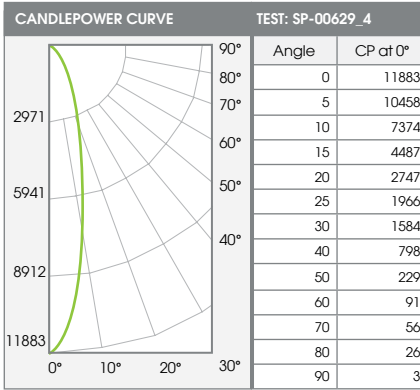
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	460	2.0'	223
6.5'	329	2.3'	160
7.5'	247	2.7'	120
8.5'	193	3.0'	93
10.0'	139	3.6'	67
12.0'	97	4.3'	47
14.0'	71	5.0'	34
16.0'	54	5.7'	26

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

Delivered Lumens: 4657 CP @ 0° (Nadir): 13913 Spacing Ratio: 0.36
 Luminaire Watts: 52 Beam Angle: 20.3° Output Multipliers: 10L x 0.19, 13L x 0.26, 20L x 0.4, 30L x 0.6, 40L x 0.8
 LER: 90 CRI: 83

C1216XT-50LxxK-MDEX-TCY-SOxxMW

50L MEDIUM - 83 CRI



ZONAL LUMENS		
0-10	911	20%
0-20	2222	48%
0-30	3160	69%
0-40	3912	85%
0-60	4420	96%
0-80	4555	99%
0-90	4582	100%
Total Lumens	4585	100%

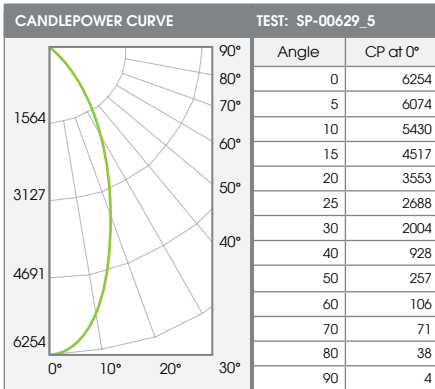
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	393	2.5'	187
6.5'	281	2.9'	134
7.5'	211	3.4'	101
8.5'	164	3.8'	78
10.0'	119	4.5'	57
12.0'	83	5.4'	39
14.0'	61	6.3'	29
16.0'	46	7.2'	22

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

Delivered Lumens: 4585 CP @ 0° (Nadir): 11883 Spacing Ratio: 0.42
 Luminaire Watts: 52 Beam Angle: 25.2° Output Multipliers: 10L x 0.19, 13L x 0.26, 20L x 0.4, 30L x 0.6, 40L x 0.8
 LER: 88 CRI: 83

C1216XT-50LxxK-WDEX-TCY-SOxxMW

50L WIDE - 83 CRI



ZONAL LUMENS		
0-10	550	12%
0-20	1757	39%
0-30	2932	66%
0-40	3765	84%
0-60	4276	96%
0-80	4429	99%
0-90	4461	100%
Total Lumens	4465	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	207	8.0'	67
6.5'	148	9.5'	48
7.5'	111	10.9'	36
8.5'	87	12.4'	28
10.0'	63	14.6'	20
12.0'	43	17.5'	14
14.0'	32	20.4'	10
16.0'	24	23.3'	8

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

Delivered Lumens: 4465 CP @ 0° (Nadir): 6254 Spacing Ratio: 0.7
 Luminaire Watts: 52 Beam Angle: 72.2° Output Multipliers: 10L x 0.19, 13L x 0.26, 20L x 0.4, 30L x 0.6, 40L x 0.8
 LER: 86 CRI: 83

COLOR OPTIONS - POWDER COAT PAINT FINISHES

NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL.
SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.



STANDARD CORD / STEM / CANOPY FINISHES

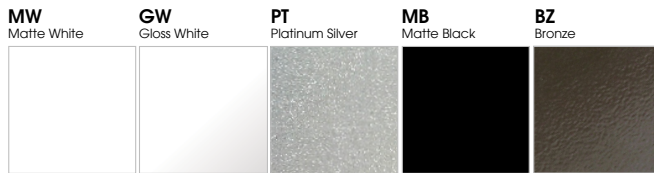
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

PAINT TIMES

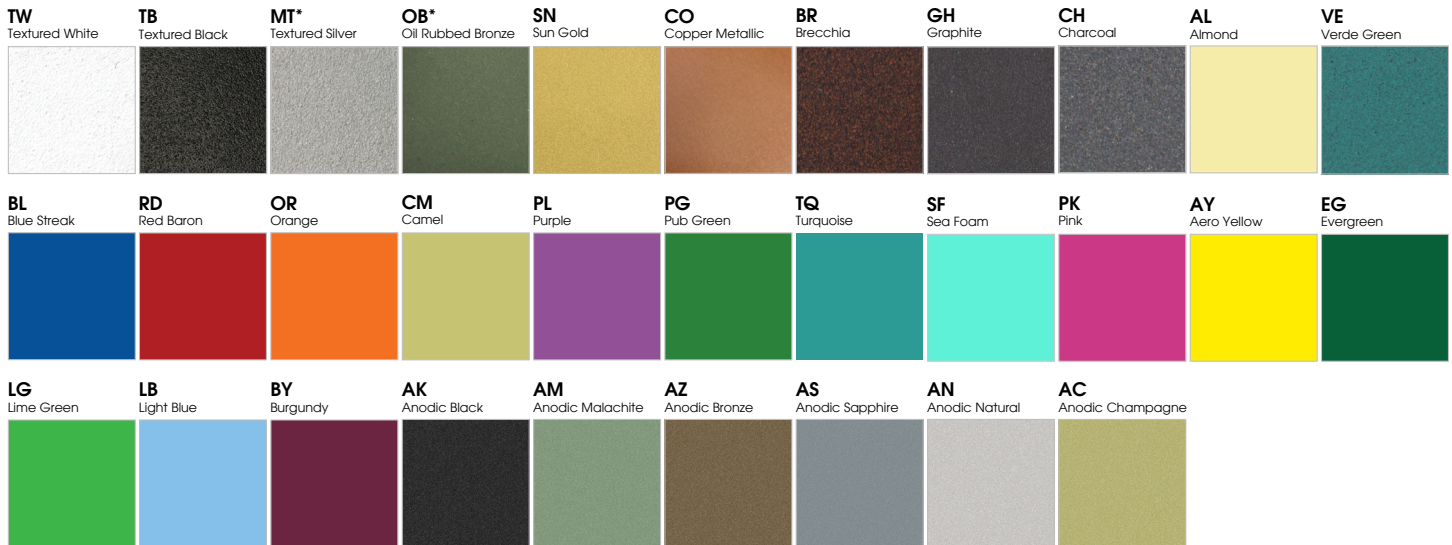
TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⓪
Tier 2 - Typical Finishes	\$\$	⓪⓪
Custom Color	Contact Factory	Contact Factory

*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

TIER 1 - STANDARD FINISHES



TIER 2 - TYPICAL FINISHES



CUSTOM COLOR FINISHES

CONTACT FACTORY

CC
Custom Color



*UNAVAILABLE FOR WET LOCATION