

12" ROUND ACCENT DIRECT ACCENTUATOR SERIES



C1216XT - CEILING 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

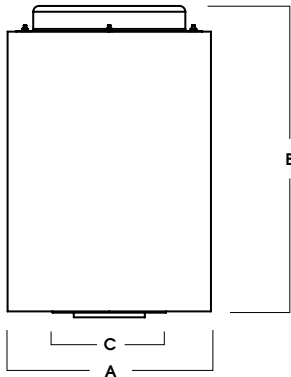
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic 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	C
11.7 297.2 mm	17.0 431.8 mm	6.5 165.1 mm

Fixture Weight: 24.5 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
C1216XT50L	5000	4657	52.0	90

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / DIMMING ⁵	OPTIONS ⁷	TRIM	MOUNTING ⁹	FINISH ¹²				
C1216XT	10L	1000 Lm	83 CRI	EX Electronic Driver, 120V/277V DS10X 10%, 0-10V, 120V/277V DO10X 1%, 0-10V, 120V/277V DLTE1⁶ Lutron 2-Wire Forward Phase (MLV), 120V DL3EX⁶ 1%, Lutron [®] EcoSystem [®] Fade, 120V/277V ED01X 0.1%, eldoLED 120V/277V DALI DALI Control	FS Fuse Holder and Fuse TCY Same Color as Cylinder TCC Custom Color LENS NL No Lens GL⁸ Clear Glass Lens SO Micro Prism Solite™ Lens	HM¹⁰ Hang Straight PM¹⁰ Rigid Pendant Mount AT¹⁰ Hang Straight All Thread CD^{10/11} Cord / Cable Mount CD3X^{10/11} 3X Cord / Cable Mount SM Surface Mount EMERGENCY BATTERY OPTIONS EMCR 10W Canopy Mounted EM EMRM 7W Remote EM EMEN 7W Remote with Enclosure	MW¹³ Matte White MB¹³ Matte Black PT¹³ Platinum Silver CC Custom Color See Page 6 for Full Range of Color Options (83-90095)					
	13L	1300 Lm	27K 2700K					XN ⁴ 16°	DL3EX⁶ 1%, Lutron [®] EcoSystem [®] Fade, 120V/277V ED01X 0.1%, eldoLED 120V/277V DALI DALI Control	FS Fuse Holder and Fuse TCY Same Color as Cylinder TCC Custom Color LENS NL No Lens GL⁸ Clear Glass Lens SO Micro Prism Solite™ Lens	HM¹⁰ Hang Straight PM¹⁰ Rigid Pendant Mount AT¹⁰ Hang Straight All Thread CD^{10/11} Cord / Cable Mount CD3X^{10/11} 3X Cord / Cable Mount SM Surface Mount EMERGENCY BATTERY OPTIONS EMCR 10W Canopy Mounted EM EMRM 7W Remote EM EMEN 7W Remote with Enclosure	MW¹³ Matte White MB¹³ Matte Black PT¹³ Platinum Silver CC Custom Color See Page 6 for Full Range of Color Options (83-90095)
	20L	2000 Lm	30K 3000K					ND 20°				
	30L	3000 Lm	35K 3500K					MD 21°				
	40L	4000 Lm	40K 4000K					WD 40°				
	50L	5000 Lm	40K 4000K									
			98 CRI ⁴									
			27HK 2700K									
			30HK 3000K									
			35HK 3500K									
		40HK 4000K										

EXAMPLE: C1216XT20L30KMDEX/TCYSO/HM36/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 Specify Length in Inches: See Mounting Page for Available Lengths 11 EMxxxx Option Requires 2 Cords 12 See Color Page for More Options/Consult Factory for Special Finishes 13 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.

12" ROUND ACCENT DIRECT

ACCENTUATOR SERIES / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

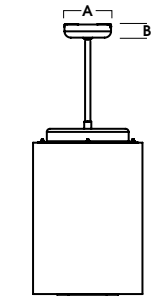


PT
PLATINUM SILVER



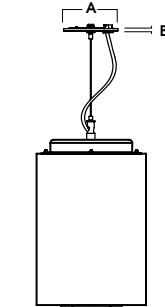
MOUNTING TYPES

HM / PM / AT
HANG STRAIGHT / PENDANT / ALL THREAD



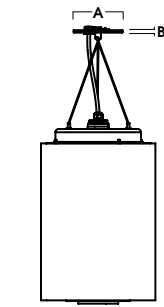
A	B
5.0	1.5
127.0 mm	38.1 mm

CD
CORD / CABLE MOUNT



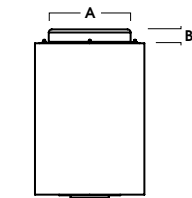
A	B
5.0	.25
127.0 mm	6.4 mm

CD3X
CORD / CABLE MOUNT



A	B
5.0	.25
127.0 mm	6.4 mm

SM
SURFACE MOUNT



A	B
6.2	1.5
157.5 mm	38.1 mm

STANDARD MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES. CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION. NOTE: THIS IS TYPICAL OF CYLINDERS SPECIFICATION FOR PENDANT MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.



MOUNTING TYPES

<p>HM* HANG STRAIGHT 45° SWIVEL 5/8" OD STEM - 3/8" IP</p> <p>ORDER: HM (Length) SPECIFY LENGTH: HM3 - 3" HM24 - 24" HM6 - 6" HM36 - 36" HM12 - 12" HM48 - 48" HM18 - 18" HM72 - 72" HMLC(XX) Custom Length (Specify in Inches)</p>	<p>PM* RIGID PENDANT MOUNT RIGID 5/8" OD STEM - 3/8" IP</p> <p>ORDER: PM (Length) SPECIFY LENGTH: PM3 - 3" PM24 - 24" PM6 - 6" PM36 - 36" PM12 - 12" PM48 - 48" PM18 - 18" PM72 - 72" PMLC(XX) Custom Length (Specify in Inches)</p>	<p>AT** HANG STRAIGHT ALL THREAD 45° SWIVEL 5/8" OD STEM - 1/4" IP</p> <p>ORDER: AT (Length) SPECIFY LENGTH: AT12 - 12" AT24 - 24" AT36 - 36"</p>	<p>CD CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE</p> <p>ORDER: CD (Length) SPECIFY LENGTH: CD36 - 36" CD72 - 72" CD144 - 144" CDLC(XX) Custom Length (Specify in Inches)</p>	<p>CD3X CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE</p> <p>ORDER: CD (Length) SPECIFY LENGTH: CD36 - 36" CD72 - 72" CD144 - 144" CDLC(XX) Custom Length (Specify in Inches)</p>	<p>SM SURFACE MOUNT WIRING COMPARTMENT / TOP HAT</p> <p>ORDER: SM TOP VIEW CANOPY 3.5"</p> <p>KEY SLOTS MOUNT CANOPY TO WALL. JUNCTION BOX IS COVERED.</p>
--	---	--	---	---	--

*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY

REMOTE EMERGENCY BATTERY OPTIONS

<p>EMRM* - 7W REMOTE EMERGENCY BATTERY (50' MAX)</p> <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>1.3</td> <td>12.6</td> <td>13.0</td> </tr> </tbody> </table>	A	B	C	1.3	12.6	13.0	<p>EMEN* - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (50' MAX)</p> <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>2.0</td> <td>17.0</td> <td>6.2</td> </tr> </tbody> </table>	A	B	C	2.0	17.0	6.2
A	B	C											
1.3	12.6	13.0											
A	B	C											
2.0	17.0	6.2											

*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY

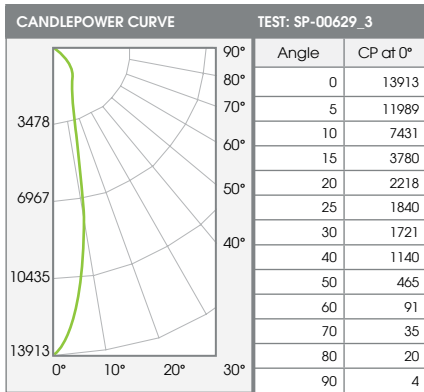
12" ROUND ACCENT DIRECT

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	4655	100%
Total Lumens	4657	100%

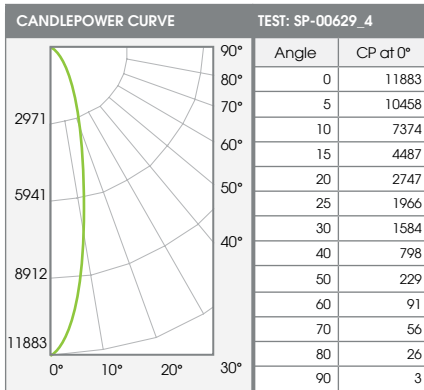
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	460	2.0'	223
6.5'	329	2.3'	160
7.5'	247	2.7'	120
8.5'	193	3.0'	93
10.0'	139	3.6'	67
12.0'	97	4.3'	47
14.0'	71	5.0'	34
16.0'	54	5.7'	26

* 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%

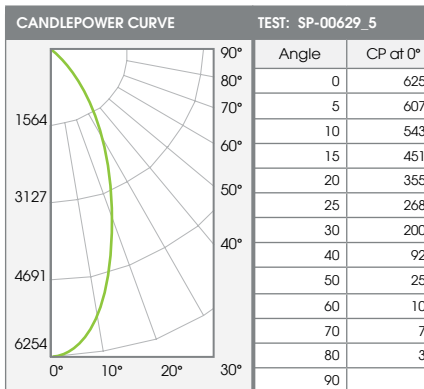
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	393	2.5'	187
6.5'	281	2.9'	134
7.5'	211	3.4'	101
8.5'	164	3.8'	78
10.0'	119	4.5'	57
12.0'	83	5.4'	39
14.0'	61	6.3'	29
16.0'	46	7.2'	22

* 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

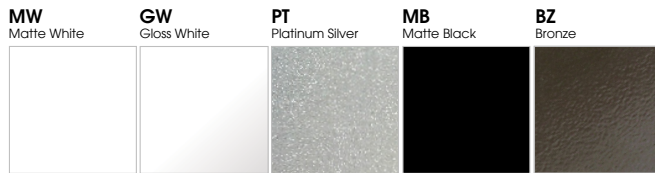
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

PAINT TIMES

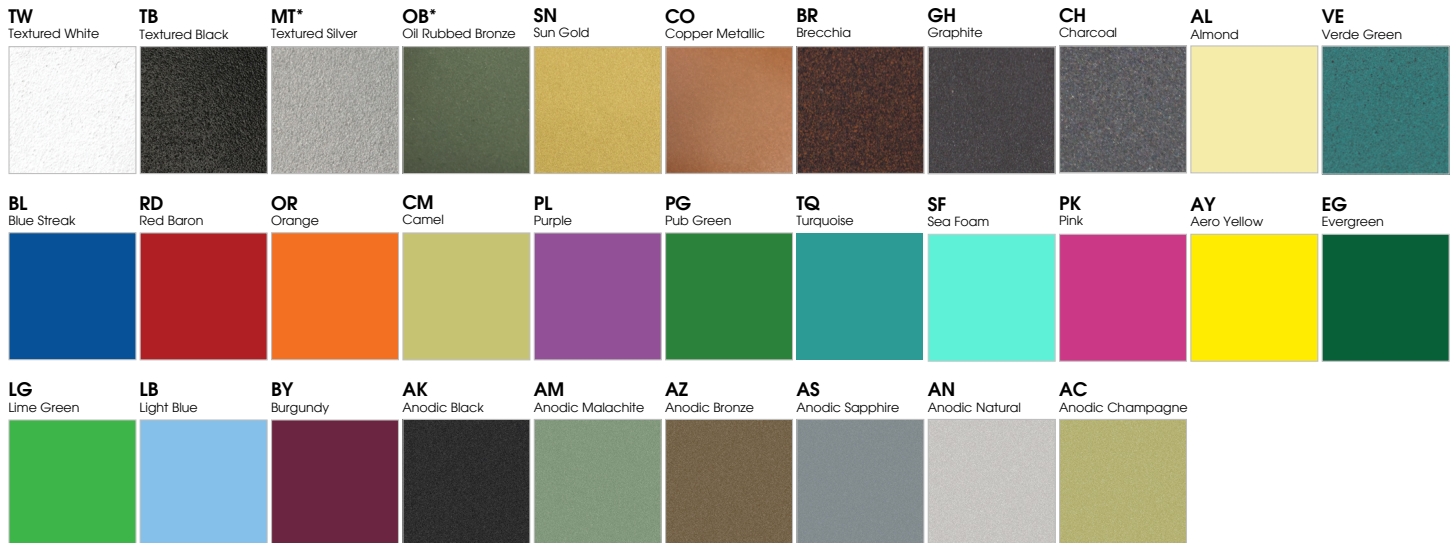
TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⌚
Tier 2 - Typical Finishes	\$\$	⌚⌚
Custom Color	Contact Factory	Contact Factory

*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