



## 6" ROUND DIRECT / INDIRECT FOCUSED ILLUMINATION



### C0618UDXT, C0624UDXT - 2 CABLE MOUNT WITH CORD

#### APPLICATION

6" round x 18" or 24" high 6" diameter cylinder luminaire for direct / indirect illumination.

#### 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. 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

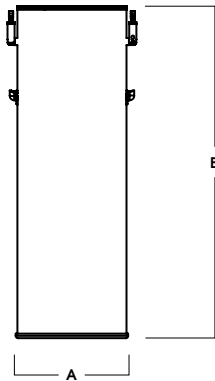
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic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

#### CONSTRUCTION

Fabricated seamless aluminum fixture housing, specular primary reflector provides high efficiency illumination. Stainless steel hardware with galvanized brackets to resist corrosion. Machined aluminum trims finished to specification.

#### 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.



SERIES	A	B
C0618UDXT	6.2	18.3
C0624UDXT	6.2	24.2

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS	LPW
C0618UDXT10L	2000	1251	18.2	69
C0618UDXT13L	2600	1685	26.0	65
C0618UDXT20L	4000	2592	43.4	60

SERIES	LUMENS <sup>1/3</sup>	CCT	OPTICS		DRIVER / DIMMING <sup>5</sup>		TRIM	MOUNTING <sup>7</sup>	FINISH <sup>11</sup>	
C0618UDXT 6" x 18" Cylinder	10L 1000 Lm	83 CRI	UPLIGHT <sup>4</sup>	DOWNLIGHT	EX Electronic Driver, 120V/277V	DS10X 10%, 0-10V, 120V/277V	DOWNLIGHT	CD2X6R <sup>10</sup> 2 Cable Mount with Cord	MW <sup>6</sup> Matte White MB <sup>6</sup> Matte Black PT <sup>6</sup> Platinum Silver CC Custom Color	
	13L 1300 Lm	27K 2700K	ND 20°	ND 20°						DO10X 1%, 0-10V, 120V/277V
C0624UDXT 6" x 24" Cylinder	20L 2000 Lm	30K 3000K	MD 38°	MD 40°	DS2W1 ELV/MLV, 120V	DO10X 1%, 0-10V, 120V/277V	TCY Same Color as Cylinder TCC Custom Color	EMERGENCY BATTERY OPTIONS	See Page 6 for Full Range of Color Options (83-90095)	
	35K 3500K	WD 44°	WD 45°	NL No Lens GL <sup>7</sup> Clear Glass Lens SO <sup>8</sup> Micro Prism Solite™ Lens						EMRM 7W Remote EM EMEN 7W Remote with Enclosure
	40K 4000K	XW 60°	XW 56°							
	98 CRI									
27HK 2700K										
	30HK 3000K									
	35HK 3500K									
	40HK 4000K									

**EXAMPLE:** C0618UDXT20L35KMDWDEX/TSGSO/CD2X6R36/MW

#### NOTES:

1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with MD-GL, MD-TSG-SO 3 Uplight & Downlight Use The Same Lumen Output 4 1/4" Clear Glass Only 5 Contact Factory for Additional Options 6 Standard Finishes 7 Standard Lens for ND 8 Standard Lens for MD, WD, XW 9 See Mounting Page for Details on Components and Finishes 10 Specify Length in Inches; See Mounting Page for Available Lengths 11 See Color Page for More Options/Consult Factory for Special 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.

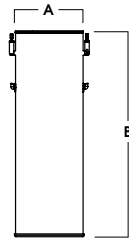
# 6" ROUND DIRECT / INDIRECT

## FOCUSED ILLUMINATION / FIXTURE OPTIONS



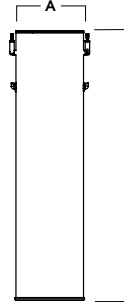
### SERIES SIZES

C0618UDXT



A	B
6.2	18.3
157.5 mm	464.8 mm

C0624UDXT



A	B
6.2	24.2
157.5 mm	614.7 mm

### STANDARD FINISHES

MW  
MATTE WHITE



MB  
MATTE BLACK

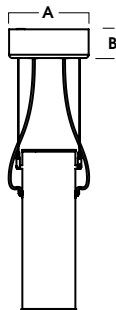


PT  
PLATINUM SILVER



### MOUNTING TYPES

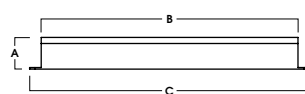
CD2X6R  
2 CABLE MOUNT WITH CORD



A	B
9.0	3.25
228.6 mm	82.6 mm

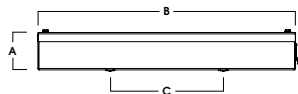
### REMOTE EMERGENCY BATTERY OPTIONS

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

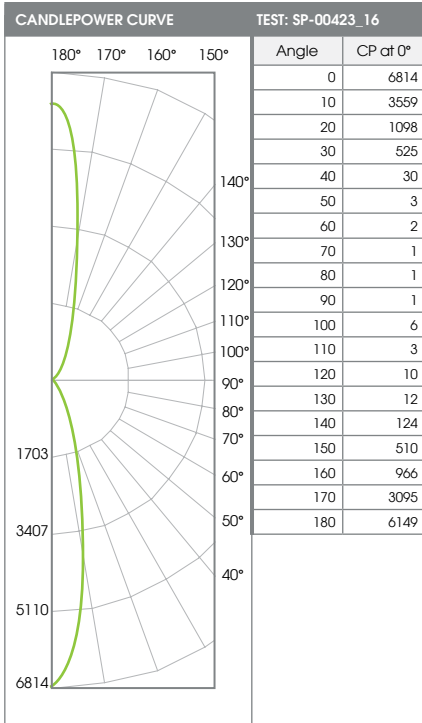
# 6" ROUND DIRECT / INDIRECT

## FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C06xxUDXT-20LNDGL-20LND-xxKEX-TSG-GL

20Lx2 NARROW - 83 CRI



ZONAL LUMENS		
0-20	1043	32%
0-40	1562	48%
0-60	1573	49%
0-90	1576	49%
90-120	16	0%
90-150	298	9%
90-180	1663	51%
Total Lumens	3239	100%

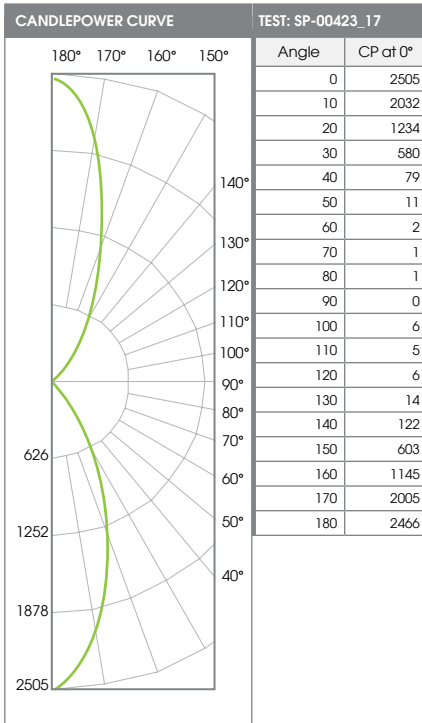
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	225	2.0'	109
6.5'	161	2.4'	78
7.5'	121	2.8'	59
8.5'	94	3.2'	46
10.0'	68	3.7'	33
12.0'	47	4.5'	23
14.0'	35	5.2'	17
16.0'	27	6.0'	13

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	426	1.4'	207
5.0'	273	1.8'	132
6.0'	189	2.1'	92
8.0'	106	2.8'	52
10.0'	68	3.5'	33
12.0'	47	4.2'	23
14.0'	35	4.9'	17
16.0'	27	5.6'	13

Delivered Lumens: 3239      CP @ 0° (Nadir): 6814      Spacing Ratio: N/A  
 Luminaire Watts: 43.4      Direct Beam Angle: 21.1°      Output Multipliers: 10L x 0.48, 13L x 0.65  
 LER: 75      Indirect Beam Angle: 20.0°  
 CRI: 83

C06xxUDXT-20LMDGL-20LMD-xxKEX-TSG-SO

20Lx2 MEDIUM - 83 CRI



ZONAL LUMENS		
0-20	674	26%
0-40	1272	49%
0-60	1305	50%
0-90	1308	50%
90-120	15	1%
90-150	270	10%
90-180	1284	50%
Total Lumens	2592	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	83	4.0'	37
6.5'	59	4.7'	26
7.5'	45	5.4'	20
8.5'	35	6.1'	15
10.0'	25	7.2'	11
12.0'	17	8.6'	8
14.0'	13	10.1'	6
16.0'	10	11.5'	4

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	157	2.8'	70
5.0'	100	3.5'	45
6.0'	70	4.2'	31
8.0'	39	5.7'	17
10.0'	25	7.1'	11
12.0'	17	8.5'	8
14.0'	13	9.9'	6
16.0'	10	11.3'	4

Delivered Lumens: 2592      CP @ 0° (Nadir): 2505      Spacing Ratio: N/A  
 Luminaire Watts: 43.4      Direct Beam Angle: 39.6°      Output Multipliers: 10L x 0.48, 13L x 0.65  
 LER: 60      Indirect Beam Angle: 39.0°  
 CRI: 83

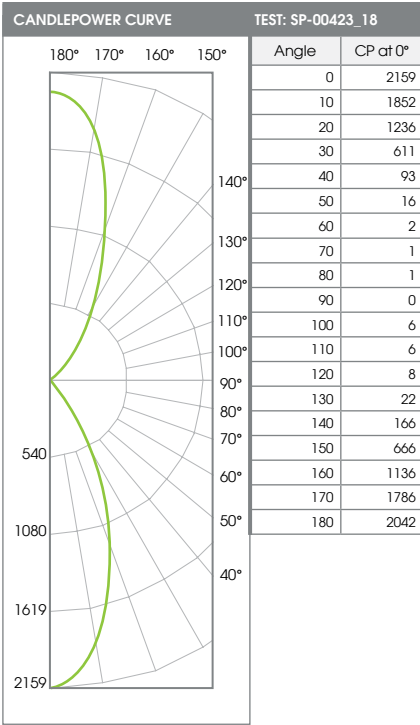
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## FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C06xxUDXT-20LWDGL-20LWD-xxKEX-TSG-SO

20Lx2 WIDE - 83 CRI



ZONAL LUMENS		
0-20	627	24%
0-40	1255	48%
0-60	1298	50%
0-90	1302	50%
90-120	16	1%
90-150	329	13%
90-180	1307	50%
Total Lumens	2609	100%

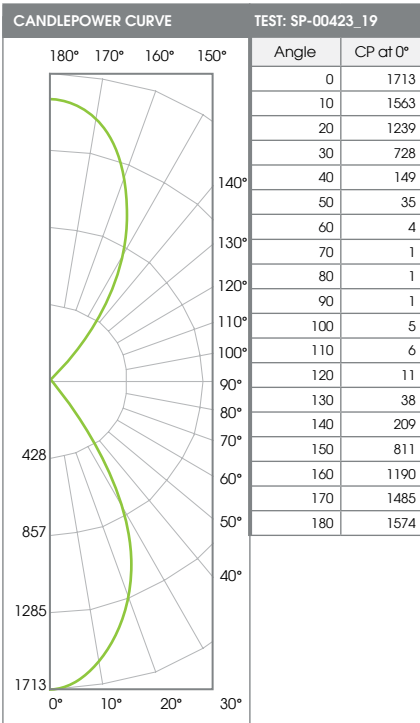
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	71	4.6'	30
6.5'	51	5.4'	22
7.5'	38	6.2'	16
8.5'	30	7.1'	13
10.0'	22	8.3'	9
12.0'	15	10.0'	6
14.0'	11	11.6'	5
16.0'	8	13.3'	4

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	135	3.1'	59
5.0'	86	3.8'	38
6.0'	60	4.6'	26
8.0'	34	6.1'	15
10.0'	22	7.7'	9
12.0'	15	9.2'	7
14.0'	11	10.7'	5
16.0'	8	12.3'	4

Delivered Lumens: 2609 CP @ 0° (Nadir): 2159 Spacing Ratio: N/A  
 Luminaire Watts: 43.4 Direct Beam Angle: 45.1° Output Multipliers: 10L x 0.48, 13L x 0.65  
 LER: 60 Indirect Beam Angle: 42.0°  
 CRI: 83

C06xxUDXT-20LXWGL-20LXW-xxKEX-TSG-SO

20Lx2 XTRA WIDE - 83 CRI



ZONAL LUMENS		
0-20	556	20%
0-40	1273	47%
0-60	1349	50%
0-90	1354	50%
90-120	17	1%
90-150	407	15%
90-180	1365	50%
Total Lumens	2719	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	57	5.4'	23
6.5'	41	6.3'	16
7.5'	30	7.3'	12
8.5'	24	8.3'	10
10.0'	17	9.8'	7
12.0'	12	11.7'	5
14.0'	9	13.7'	4
16.0'	7	15.6'	3

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	107	4.2'	42
5.0'	69	5.3'	27
6.0'	48	6.3'	19
8.0'	27	8.4'	10
10.0'	17	10.5'	7
12.0'	12	12.6'	5
14.0'	9	14.7'	3
16.0'	7	16.8'	3

Delivered Lumens: 2719 CP @ 0° (Nadir): 1713 Spacing Ratio: N/A  
 Luminaire Watts: 43.4 Direct Beam Angle: 52.0° Output Multipliers: 10L x 0.48, 13L x 0.65  
 LER: 63 Indirect Beam Angle: 55.5°  
 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

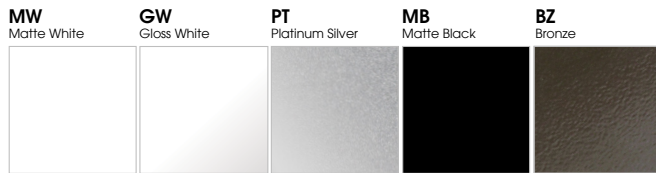
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

## 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