



## 6" ROUND DIRECT / INDIRECT FOCUSED ILLUMINATION



### CO618UDXT, CO624UDXT - 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 pre-treated to resist corrosion.

#### ELECTRONICS

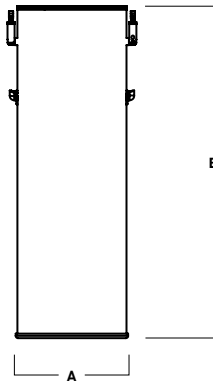
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic 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
CO618UDXT	6.2	18.3
CO624UDXT	6.2	24.2

#### LUMENS / WATTAGE DATA

PART NUMBER	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS	LPW
CO618UDXT10L	2000	1251	18.2	69
CO618UDXT13L	2600	1685	26.0	65
CO618UDXT20L	4000	2592	43.4	60

SERIES	LUMENS <sup>1/3</sup>	CCT	OPTICS	DRIVER / DIMMING <sup>5</sup>	TRIM	MOUNTING <sup>9</sup>	FINISH <sup>11</sup>
CO618UDXT 6" x 18" Cylinder	10L 1000 Lm	83 CRI	UPLIGHT <sup>4</sup>	EX Electronic Driver, 120V/277V	DOWNLIGHT	CD2x6R <sup>10</sup>	2 Cable Mount with Cord
	13L 1300 Lm	27K 2700K	ND 20°				
CO624UDXT 6" x 24" Cylinder	20L 2000 Lm	30K 3000K	MD 38°	MD 40°	DS10X 10%, 0-10V, 120V/277V		
		35K 3500K	WD 44°	WD 45°			
	40K 4000K	XW 60°	XW 56°	DS2W1 ELV/MLV, 120V	TCY Same Color as Cylinder		
						TCC Custom Color	
		98 CRI			LENS		EMERGENCY BATTERY OPTIONS
		27HK 2700K				NL No Lens	
	30HK 3000K			GL <sup>7</sup> Clear Glass Lens	EMEN 7W Remote with Enclosure		
	35HK 3500K			SO <sup>8</sup> Micro Prism Solite™ Lens			
	40HK 4000K						

**EXAMPLE:** CO618UDXT20L35KMDWDEX/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 Reference Color Sheet Located on Product Webpage for Full List of Available Colors



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.

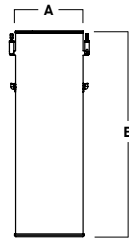
# 6" ROUND DIRECT / INDIRECT

## FOCUSED ILLUMINATION / FIXTURE OPTIONS



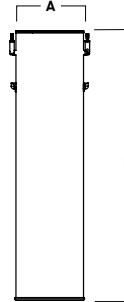
### SERIES SIZES

**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

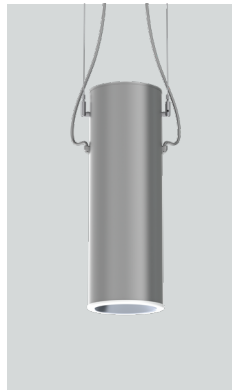
**MW**  
MATTE WHITE



**MB**  
MATTE BLACK

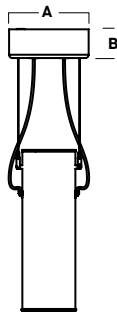


**PT**  
PLATINUM SILVER



### MOUNTING TYPES

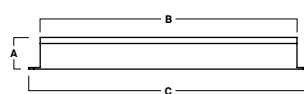
**CD2x6R**  
2 CABLE MOUNT WITH CORD



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

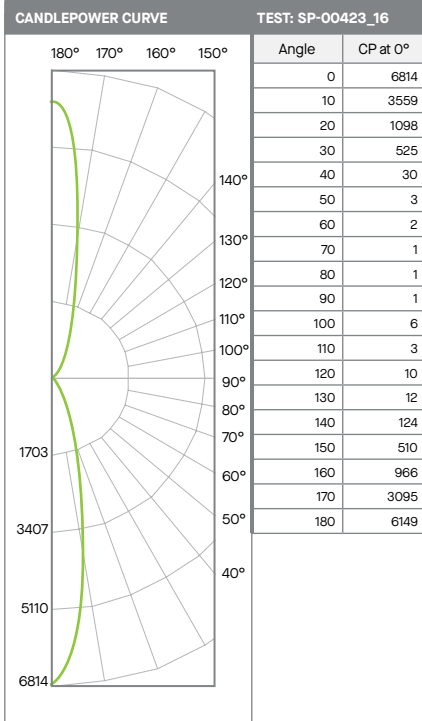
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## FOCUSED ILLUMINATION / PHOTOMETRIC DATA



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

20Lx2 NARROW - 83 CRI



Beam Angle	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%
<b>Total Lumens</b>	<b>3239</b>	<b>100%</b>

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

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

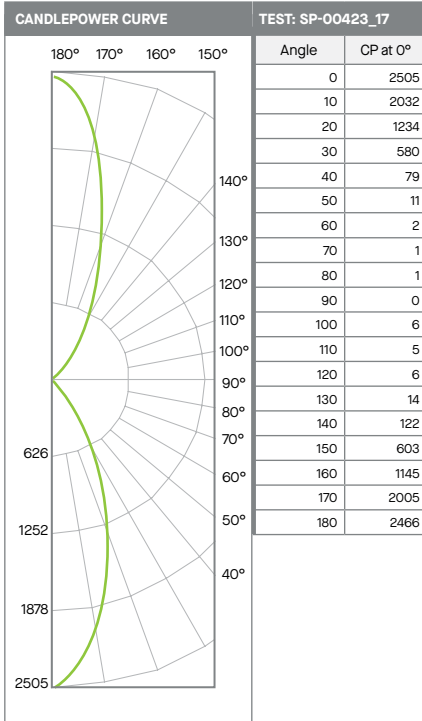
Delivered Lumens: 3239  
Luminaire Watts: 43.4  
LER: 75

CP @ 0° (Nadir): 6814  
Direct Beam Angle: 21.1°  
Indirect Beam Angle: 20.0°  
CRI: 83

Spacing Ratio: N/A  
Output Multipliers: 10L x 0.48, 13L x 0.65

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

20Lx2 MEDIUM - 83 CRI



Beam Angle	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%
<b>Total Lumens</b>	<b>2592</b>	<b>100%</b>

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

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  
Luminaire Watts: 43.4  
LER: 60

CP @ 0° (Nadir): 2505  
Direct Beam Angle: 39.6°  
Indirect Beam Angle: 39.0°  
CRI: 83

Spacing Ratio: N/A  
Output Multipliers: 10L x 0.48, 13L x 0.65

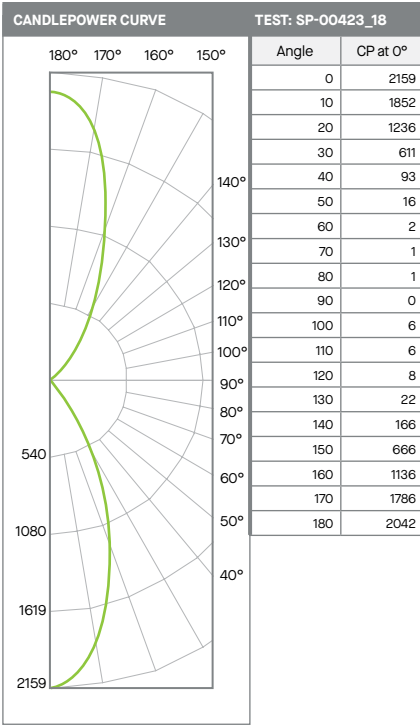
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## FOCUSED ILLUMINATION / PHOTOMETRIC DATA



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%

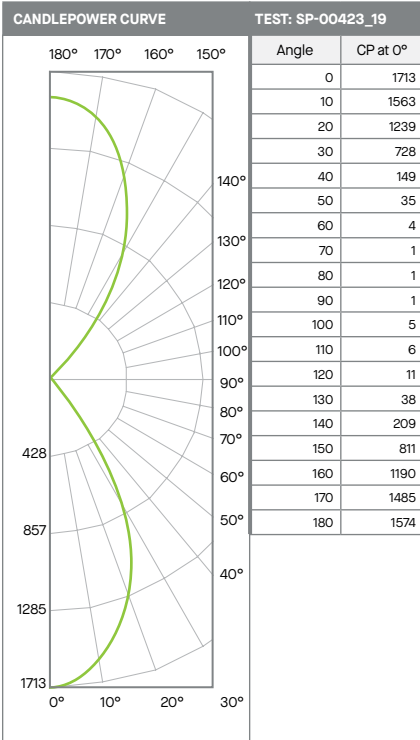
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	71	4.6'	30
6.5'	51	5.4'	22
7.5'	38	6.2'	16
8.5'	30	7.1'	13
10.0'	22	8.3'	9
12.0'	15	10.0'	6
14.0'	11	11.6'	5
16.0'	8	13.3'	4

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