

SERIES	A	B
C0618DXT	6.0	18.0
C0624DXT	6.0	24.0

Fixture Weight: 17.2 lbs

6" ROUND DIRECT FOCUSED ILLUMINATION



C0618DXT, C0624DXT - WALL MOUNT

APPLICATION

6" round x 18" or 24" high cylinder luminaire for accent and general 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. Two stage optical system design delivers smooth general illumination.

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 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.

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS	DELIVERED LUMENS ²	SYSTEM WATTS ³	LPW
C0618DXT10L	1000	691	9.1	76
C0618DXT13L	1300	931	13.0	72
C0618DXT20L	2000	1433	21.7	66
C0618DXT30L	3000	2149	32.6	66

SERIES	LUMENS ¹		CCT		OPTICS		DRIVER / DIMMING ⁶		OPTIONS ⁷		TRIM		MOUNTING ¹¹		FINISH											
C0618DXT 6" x 18" Cylinder	10L	1000 Lm	83 CRI		XN ⁶	12°	EX	Electronic Driver, 120V/277V	WL	Wet Location	TSG	Semi Diffuse Low Iridescent Clear	WM3	Wall Mount 3" Extension	MW ¹²	Matte White										
	13L	1300 Lm	27K	2700K													ND	20°	DS10X	10%, 0-10V, 120V/277V	FS	Fuse Holder and Fuse	WM5	Wall Mount 5" Extension	MB ¹²	Matte Black
	20L	2000 Lm	30K	3000K													MD	37°								
C0624DXT 6" x 24" Cylinder	30L	3000 Lm	35K	3500K	WD	42°	DS2W1	ELV/MLV, 120V	TCC	Custom Color			MT	Textured Silver												
			40K	4000K	XW	57°																				
			98 CRI ⁴																							
			27HK	2700K																						
			30HK	3000K																						
			35HK	3500K																						
			40HK	4000K																						
											LENS		EMERGENCY BATTERY OPTIONS													
											NL ⁸	No Lens	EMRM	7W Remote EM												
											GL ⁹	Clear Glass			EMEN	7W Remote with Enclosure										
												Lens														
											SO ¹⁰	Micro Prism Solite™ Lens														
											FG	Frosted Glass Lens														
															CH	Charcoal										
															GH	Graphite										
															AC	Champagne										
															SN	Sun Gold										
															BR	Brecchia Rust										
															AN	Anodic Natural										
															CO	Copper Metallic										
															CC ¹³	Custom Color										

EXAMPLE: C0618DXT20L35KMDEXSOWM3MW

NOTES:

1 Nominal Source Lumens At Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with MD-TSG-NL 3 At 83 CRI 4 20L Max 5 13L Max/XN not Available with 98 CRI Option
6 Consult Factory for Additional Options 7 See Product Options Page for Details 8 Not Available with WL 9 20L Max/Standard Lens for XN, ND 10 20L Max/Standard Lens for MD, WD, XW
11 See Mounting Page for Details on Components and Finishes 12 Standard Finishes 13 See Color Page for More Options/Consult Factory for Special Finishes



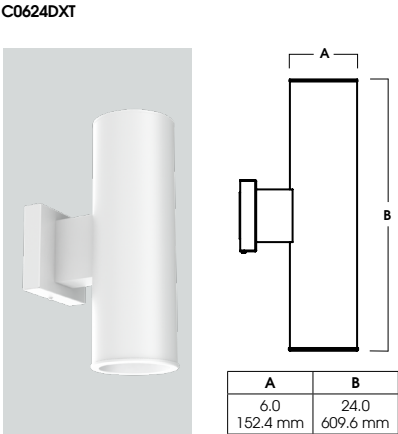
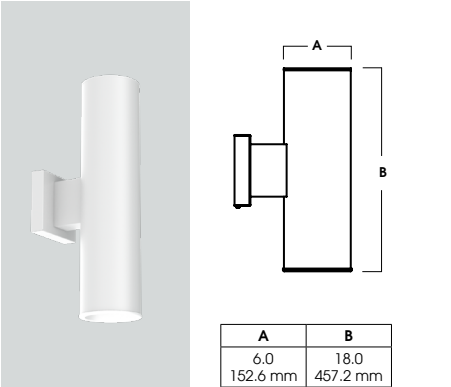
PROJECT: _____
TYPE: _____



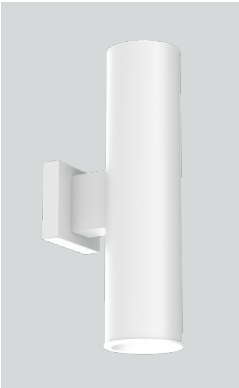
Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

6" ROUND DIRECT
FOCUSED ILLUMINATION / FIXTURE OPTIONS

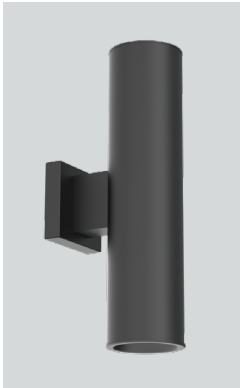
SERIES SIZES
C0618DXT



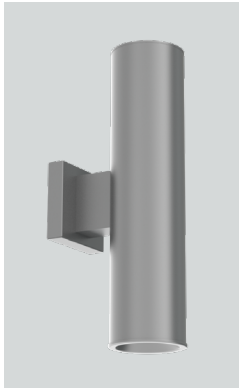
STANDARD FINISHES
MW
MATTE WHITE



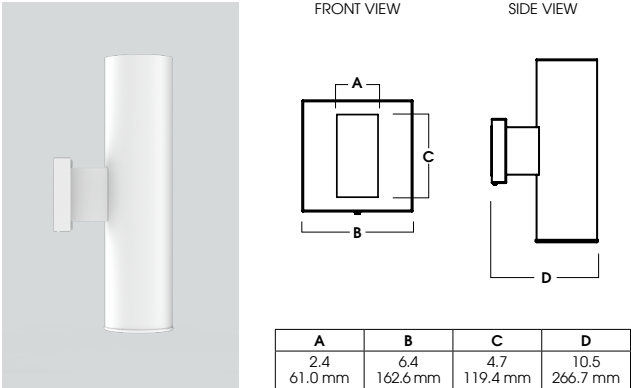
MB
MATTE BLACK



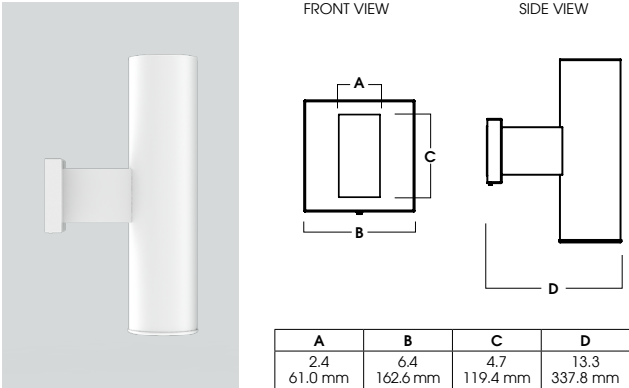
PT
PLATINUM SILVER



WALL MOUNT DETAIL
WM3
WALL MOUNT 3" EXTENSION



WM5
WALL MOUNT 5" EXTENSION



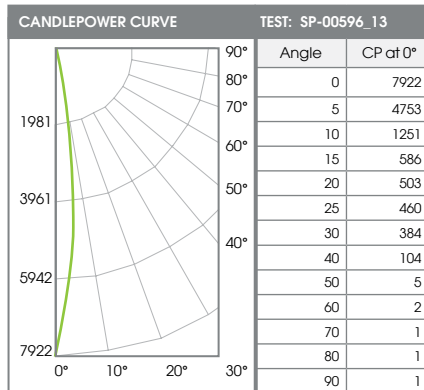
6" ROUND DIRECT

FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C06xxXT-13LxxK-XNEX-TSG-NL

13L XTRA NARROW - 83 CRI



ZONAL LUMENS		
0-10	347	40%
0-20	533	62%
0-30	725	84%
0-40	843	98%
0-60	855	99%
0-80	858	100%
0-90	860	100%
Total Lumens	860	100%

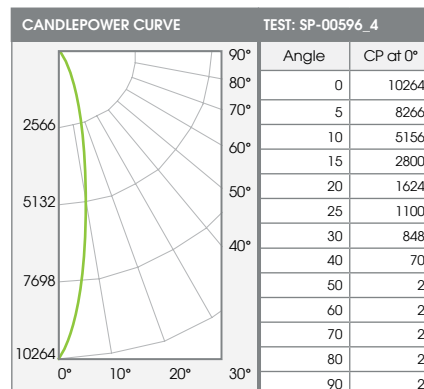
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	262	1.2'	129
6.5'	188	1.4'	93
7.5'	141	1.6'	70
8.5'	110	1.8'	54
10.0'	79	2.1'	39
12.0'	55	2.6'	27
14.0'	40	3.0'	20
16.0'	31	3.4'	15

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

Delivered Lumens: 860 CP @ 0° (Nadir): 7922 Spacing Ratio: 0.22
 Luminaire Watts: 18.4 Beam Angle: 12.2° Output Multipliers: 10L x 0.32, 13L x .43
 LER: 47 CRI: 83

C06xxXT-30LxxK-NDEX-TSG-NL

30L NARROW - 83 CRI



ZONAL LUMENS		
0-10	728	30%
0-20	1570	66%
0-30	2094	87%
0-40	2377	99%
0-60	2389	100%
0-80	2392	100%
0-90	2394	100%
Total Lumens	2394	100%

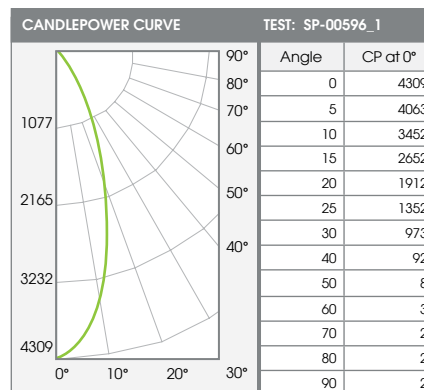
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	339	2.0'	164
6.5'	243	2.3'	118
7.5'	182	2.7'	88
8.5'	142	3.1'	69
10.0'	103	3.6'	50
12.0'	71	4.3'	35
14.0'	52	5.0'	25
16.0'	40	5.8'	19

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

Delivered Lumens: 2394 CP @ 0° (Nadir): 10264 Spacing Ratio: 0.36
 Luminaire Watts: 32.6 Beam Angle: 20.4° Output Multipliers: 10L x 0.32, 13L x 0.43, 20L x 0.67
 LER: 73 CRI: 83

C06xxXT-30LxxK-MDEX-TSG-NL

30L MEDIUM - 83 CRI



ZONAL LUMENS		
0-10	372	17%
0-20	1121	52%
0-30	1767	82%
0-40	2106	98%
0-60	2144	100%
0-80	2147	100%
0-90	2149	100%
Total Lumens	2149	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	142	3.6'	64
6.5'	102	4.3'	46
7.5'	77	5.0'	35
8.5'	60	5.6'	27
10.0'	43	6.6'	19
12.0'	30	8.0'	13
14.0'	22	9.3'	10
16.0'	17	10.6'	8

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

Delivered Lumens: 2149 CP @ 0° (Nadir): 4309 Spacing Ratio: 0.6
 Luminaire Watts: 32.6 Beam Angle: 36.7° Output Multipliers: 10L x 0.32, 13L x 0.43, 20L x 0.67
 LER: 66 CRI: 83

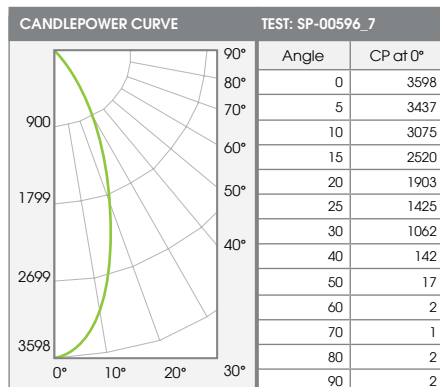
6" ROUND DIRECT

FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C06xxXT-30LxxK-WDEX-TSG-NL

30L WIDE - 83 CRI



ZONAL LUMENS		
0-10	320	15%
0-20	1026	48%
0-30	1699	79%
0-40	2080	97%
0-60	2135	100%
0-80	2138	100%
0-90	2140	100%
Total Lumens	2140	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	119	4.3'	52
6.5'	85	5.0'	37
7.5'	64	5.8'	28
8.5'	50	6.6'	22
10.0'	36	7.7'	16
12.0'	25	9.3'	11
14.0'	18	10.8'	8
16.0'	14	12.4'	6

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

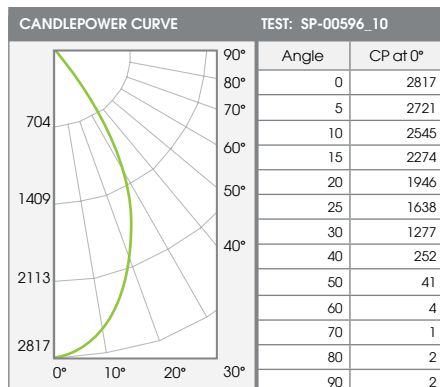
Delivered Lumens: 2140
Luminaire Watts: 32.6
LER: 66

CP @ 0° (Nadir): 3598
Beam Angle: 42.3°
CRI: 83

Spacing Ratio: 0.68
Output Multipliers: 10L x 0.32, 13L x 0.43, 20L x 0.67

C06xxXT-30LxxK-XWEX-TSG-NL

30L XTRA WIDE - 83 CRI



ZONAL LUMENS		
0-10	256	12%
0-20	893	40%
0-30	1636	74%
0-40	2101	95%
0-60	2209	100%
0-80	2213	100%
0-90	2214	100%
Total Lumens	2214	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	93	5.9'	36
6.5'	67	7.0'	26
7.5'	50	8.1'	19
8.5'	39	9.2'	15
10.0'	28	10.8'	11
12.0'	20	12.9'	8
14.0'	14	15.1'	6
16.0'	11	17.2'	4

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

Delivered Lumens: 2214
Luminaire Watts: 32.6
LER: 68

CP @ 0° (Nadir): 2817
Beam Angle: 56.6°
CRI: 83

Spacing Ratio: 0.84
Output Multipliers: 10L x 0.32, 13L x 0.43, 20L x 0.67