



6" SQUARE DIRECT / INDIRECT FOCUSED ILLUMINATION



C0618SQUDXT, C0624SQUDXT - WALL MOUNT

APPLICATION

6" square x 18" or 24" high direct / indirect XT series 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. 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

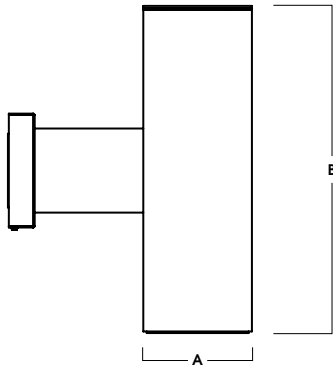
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic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

CONSTRUCTION

Fabricated seamless aluminum fixture housing. Silicone gasket seals optical chamber. Specular primary optical reflectors provide high efficiency illumination. Impact resistant tempered glass lenses. Stainless steel hardware with galvanized steel brackets to resist corrosion. Die-cast aluminum trim.

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.



SERIES	A	B
C0618SQUDXT	6.0	18.0
C0624SQUDXT	6.0	24.0

Fixture Weight: 17.2 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS	DELIVERED LUMENS ²	SYSTEM WATTS ³	LPW
C06xxSQUDXT10Lx2	2000	1374	18.2	75
C06xxSQUDXT13Lx2	2600	1852	26.0	71
C06xxSQUDXT20Lx2	4000	2849	43.4	66

SERIES		UPLIGHT ⁴		DOWNLIGHT		CCT		DRIVER / DIMMING ⁶		OPTIONS ⁷		TRIM		MOUNTING ¹⁰		FINISH ¹¹																		
C0618SQUDXT 6" x 18" Cylinder	LUMENS ¹	OPTICS	12°	LUMENS ¹	OPTICS	83 CRI	27K	2700K	EX	Electronic Driver, 120V/277V	WL	Wet Location	TPT	Platinum Silver	WM3	Wall Mount 3" Extension	MW ¹²	Matte White																
																			10L	1000 Lm	XN ⁵	13°	27K	2700K	DS10X	10%, 0-10V, 120V/277V	FS	Fuse Holder and Fuse	TCY	Same Color as Cylinder	WM5	Wall Mount 5" Extension	MB ¹²	Matte Black
20L	2000 Lm	MD	39°	35K	3500K	DS2W1	ELV/MLV, 120V	GL ⁵	Clear Glass Lens	EMRM	7W Remote EM	TW	Textured White																					
														WD	45°	40K	4000K	98 CRI	27HK	2700K	SO ⁹	Micro Prism Solite™ Lens	EMEN	7W Remote with Enclosure	TB	Textured Black								
XW	58°	40K	4000K	27HK	2700K	30HK	3000K	FG	Frosted Glass Lens			MT	Textured Silver																					
														35HK	3500K	BR	Brecchia Rust																	
40HK	4000K	AN	Anodic Natural																															
								CO	Copper Metallic																									
										CC	Custom Color																							

EXAMPLE: C0624SQUDXT20LWD20LWD35KEXTCYSOWM5MW

NOTES:
 1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with MD-GL, MD-TCY-SO-MW 3 At 83 CRI 4 1/4" Clear Glass Only 5 13L Max/XN not Available with 98 CRI Option 6 Contact Factory for Additional Options 7 See Product Options Page for Details 8 Standard Lens for All Indirect and Direct: XN, ND 9 Standard Lens for Direct: MD, WD, XW 10 See Mounting Page for Details on Components and Finishes 11 See Color Page for More Options/Consult Factory for Special Finishes 12 Standard Finishes



PROJECT: _____
 TYPE: _____



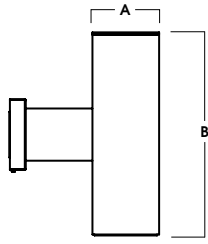
Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

6" SQUARE DIRECT / INDIRECT

FOCUSED ILLUMINATION / FIXTURE OPTIONS

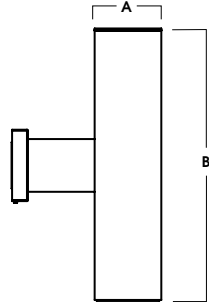


SERIES SIZES



A	B
6.0	18.0
152.4 mm	457.2 mm

C0624SQUDXT



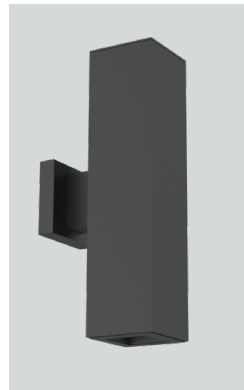
A	B
6.0	24.0
152.4 mm	609.6 mm

STANDARD FINISHES

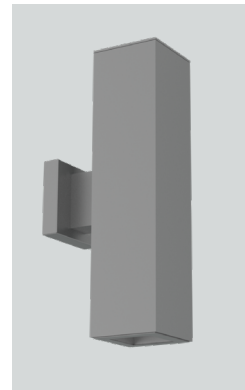
MW
MATTE WHITE



MB
MATTE BLACK

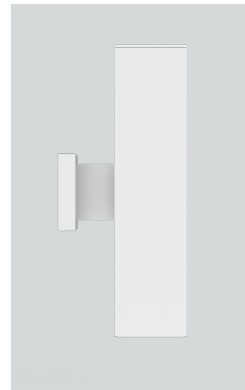


PT
PLATINUM SILVER

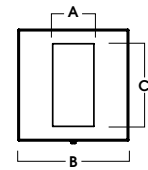


WALL MOUNT DETAIL

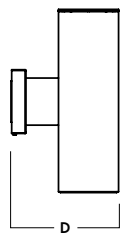
WM3
WALL MOUNT 3" EXTENSION



FRONT VIEW

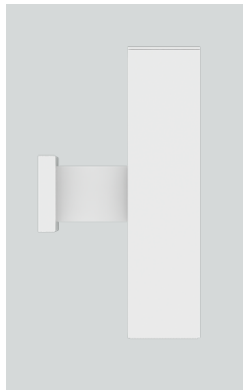


SIDE VIEW

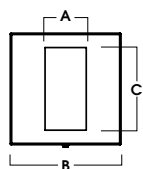


A	B	C	D
2.4	6.4	4.7	10.7
61.0 mm	162.6 mm	119.4 mm	271.8 mm

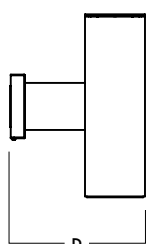
WM5
WALL MOUNT 5" EXTENSION



FRONT VIEW



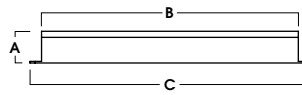
SIDE VIEW



A	B	C	D
2.4	6.4	4.7	13.4
61.0 mm	162.6 mm	119.4 mm	340.4 mm

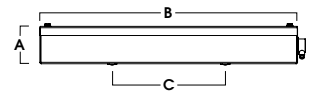
EMERGENCY BATTERY OPTIONS

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

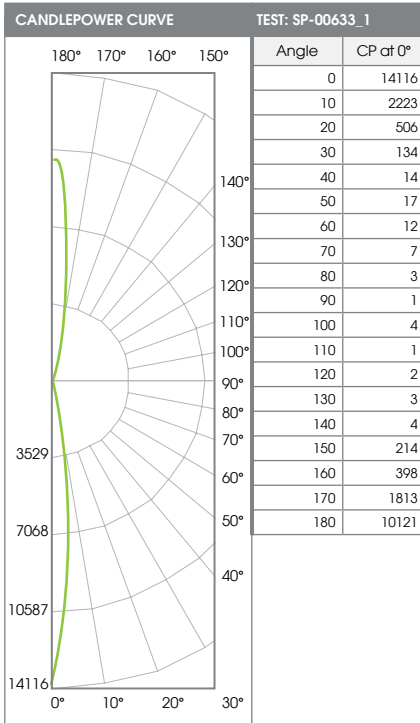
6" SQUARE DIRECT / INDIRECT

FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C06xxSQUDXT-13LXNGL-13LXN-xxKEX-TCY-GLMW

13Lx2 XTRA NARROW - 83 CRI



ZONAL LUMENS		
0-20	889	46%
0-40	1127	59%
0-60	1147	60%
0-90	1162	60%
90-120	9	0%
90-150	58	3%
90-180	761	40%
Total Lumens	1923	100%

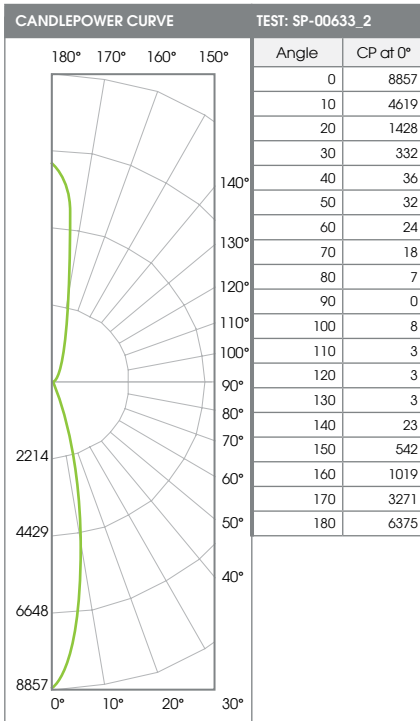
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	467	1.2'	231
6.5'	334	1.4'	165
7.5'	251	1.6'	124
8.5'	195	1.8'	97
10.0'	141	2.1'	70
12.0'	98	2.5'	48
14.0'	72	2.9'	36
16.0'	55	3.4'	27

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	882	0.8'	437
5.0'	565	1.0'	280
6.0'	392	1.2'	194
8.0'	221	1.5'	109
10.0'	141	1.9'	70
12.0'	98	2.3'	49
14.0'	72	2.7'	36
16.0'	55	3.1'	27

Delivered Lumens: 1923 CP @ 0° (Nadir): 14116 Spacing Ratio: N/A
 Luminaire Watts: 36.8 Direct Beam Angle: 12° Output Multipliers: 10L x 0.74
 LER: 52 Indirect Beam Angle: 11°
 CRI: 83

C06xxSQUDXT-20LNDGL-20LND-xxKEX-TCY-GLMW

20Lx2 NARROW - 83 CRI



ZONAL LUMENS		
0-20	1346	40%
0-40	1900	56%
0-60	1954	58%
0-90	1996	59%
90-120	16	0%
90-150	140	4%
90-180	1391	41%
Total Lumens	3386	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	293	2.0'	142
6.5'	210	2.4'	101
7.5'	157	2.8'	76
8.5'	123	3.2'	59
10.0'	89	3.7'	43
12.0'	62	4.4'	30
14.0'	45	5.2'	22
16.0'	35	5.9'	17

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	554	1.4'	268
5.0'	354	1.8'	172
6.0'	246	2.1'	119
8.0'	138	2.8'	67
10.0'	89	3.5'	43
12.0'	62	4.2'	30
14.0'	45	4.9'	22
16.0'	35	5.6'	17

Delivered Lumens: 3386 CP @ 0° (Nadir): 8857 Spacing Ratio: N/A
 Luminaire Watts: 43.4 Direct Beam Angle: 21° Output Multipliers: 10L x 0.48, 13L x 0.65
 LER: 78 Indirect Beam Angle: 20° 83-0032
 CRI: 83

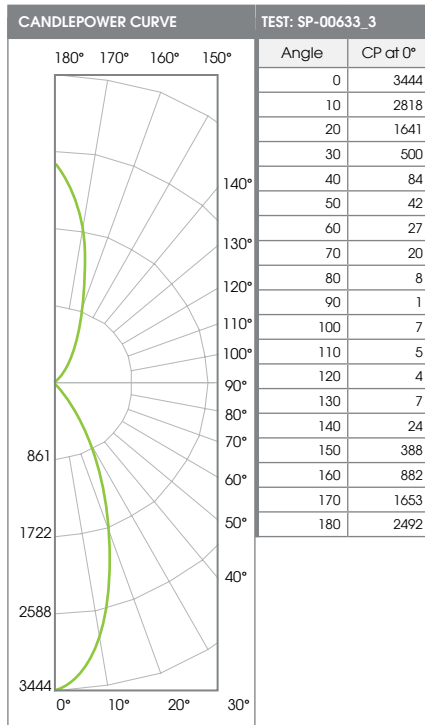
6" SQUARE DIRECT / INDIRECT

FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C06xxSQUDXT-20LMDGL-20LMD-xxKEX-TCY-SOMW

20Lx2 MEDIUM - 83 CRI



ZONAL LUMENS		
0-20	916	32%
0-40	1615	57%
0-60	1695	59%
0-90	1740	61%
90-120	16	1%
90-150	143	5%
90-180	1108	39%
Total Lumens	2849	100%

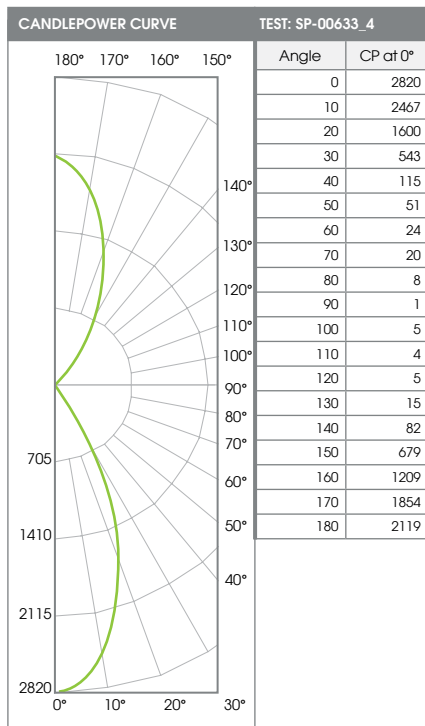
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	114	3.9'	51
6.5'	82	4.6'	36
7.5'	61	5.3'	27
8.5'	48	6.0'	21
10.0'	34	7.0'	15
12.0'	24	8.4'	11
14.0'	18	9.8'	8
16.0'	13	11.2'	6

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	215	2.1'	100
5.0'	138	2.7'	64
6.0'	96	3.2'	45
8.0'	54	4.3'	25
10.0'	34	5.4'	16
12.0'	24	6.4'	11
14.0'	18	7.5'	8
16.0'	13	8.6'	6

Delivered Lumens: 2849 CP @ 0° (Nadir): 3444 Spacing Ratio: N/A
 Luminaire Watts: 43.4 Direct Beam Angle: 38.6° Output Multipliers: 10L x 0.48, 13L x 0.65
 LER: 66 Indirect Beam Angle: 30°
 CRI: 83

C06xxSQUDXT-20LWDGL-20LWD-xxKEX-TCY-SOMW

20Lx2 WIDE - 83 CRI



ZONAL LUMENS		
0-20	822	28%
0-40	1562	53%
0-60	1659	56%
0-90	1703	58%
90-120	15	1%
90-150	223	8%
90-180	1256	42%
Total Lumens	2959	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	93	4.4'	40
6.5'	67	5.2'	29
7.5'	50	6.0'	22
8.5'	39	6.8'	17
10.0'	28	8.0'	12
12.0'	20	9.6'	8
14.0'	14	11.3'	6
16.0'	11	12.9'	5

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	176	2.9'	78
5.0'	113	3.6'	50
6.0'	78	4.4'	35
8.0'	44	5.8'	19
10.0'	28	7.3'	12
12.0'	20	8.7'	9
14.0'	14	10.2'	6
16.0'	11	11.6'	5

Delivered Lumens: 2959 CP @ 0° (Nadir): 2820 Spacing Ratio: N/A
 Luminaire Watts: 43.4 Direct Beam Angle: 43.8° Output Multipliers: 10L x 0.48, 13L x 0.65
 LER: 68 Indirect Beam Angle: 40.0°
 CRI: 83

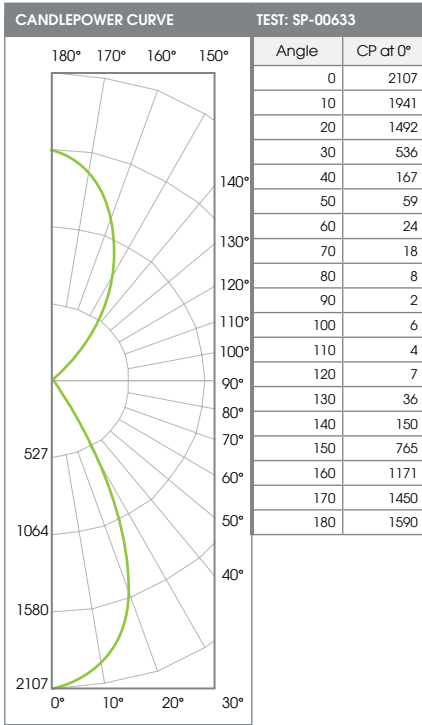
6" SQUARE DIRECT / INDIRECT

FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C06xxSQUDXT-20LXWGL-20LXW-xxKEX-TCY-SOMW

20Lx2 XTRA WIDE - 83 CRI



ZONAL LUMENS		
0-20	674	24%
0-40	1413	50%
0-60	1534	54%
0-90	1576	56%
90-120	15	1%
90-150	294	10%
90-180	1261	44%
Total Lumens	2837	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	70	5.2'	29
6.5'	50	6.1'	20
7.5'	37	7.1'	15
8.5'	29	8.0'	12
10.0'	21	9.4'	9
12.0'	15	11.3'	6
14.0'	11	13.2'	4
16.0'	8	15.1'	3

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	132	3.7'	54
5.0'	84	4.7'	35
6.0'	59	5.6'	24
8.0'	33	7.5'	14
10.0'	21	9.3'	9
12.0'	15	11.2'	6
14.0'	11	13.1'	4
16.0'	8	14.9'	3

Delivered Lumens: 2837
Luminaire Watts: 43.4
LER: 65

CP @ 0° (Nadir): 2107
Direct Beam Angle: 50.4°
Indirect Beam Angle: 50.0°
CRI: 83

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