

6" SQUARE DIRECT FOCUSED ILLUMINATION



CO611SQXT - WALL MOUNT

APPLICATION

6" square x 11" high cylinder luminaire for accent and focused 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 pre-treated to resist corrosion.

ELECTRONICS

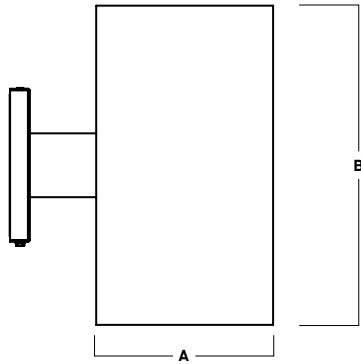
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic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



A	B
6.0 152.4 mm	11.0 279.4 mm

Fixture Weight: 9.5 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS	DELIVERED LUMENS ²	SYSTEM WATTS ³	LPW
CO611SQXT10L	1000	910	9.1	100
CO611SQXT13L	1300	1227	13.0	94
CO611SQXT20L	2000	1887	21.7	87
CO611SQXT30L	3000	2831	32.6	87

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / DIMMING ⁷	OPTIONS ⁸	TRIM	MOUNTING ¹³	FINISH ¹⁴
CO611SQXT	10L 1000 Lm	83 CRI	XN ⁶ 12°	EX Electronic Driver, 120V/277V	WL Wet Location Fuse Holder and Fuse	TCY ⁹ Same Color as Cylinder	WM3 Wall Mount 3" Extension	MW ¹⁵ Matte White
	13L 1300 Lm	27K 2700K	ND 21°			TPT Platinum Silver	WM5 Wall Mount 5" Extension	MB ¹⁵ Matte Black
	20L 2000 Lm	30K 3000K	MD 38°	DS10X 10%, 0-10V, 120V/277V	FS	TCC Custom Color		PT ¹⁵ Platinum Silver
	30L ⁴ 3000 Lm	35K 3500K	WD 43°	DO10X 1%, 0-10V, 120V/277V				CC Custom Color
		40K 4000K	XW 53°	DS2W1 ELV/MLV, 120V				
		98 CRI ⁵						
		27HK 2700K					EMERGENCY BATTERY OPTIONS	
		30HK 3000K					NL ¹⁰ No Lens	EMRM 7W Remote EM
		35HK 3500K					GL ¹¹ Clear Glass Lens	EMEN 7W Remote with Enclosure
		40HK 4000K					SO ¹² Micro Prism Solite™ Lens	
						FG Frosted Glass Lens		

EXAMPLE: CO611SQXT13L35KNDEX/TPTGL/WM3/MW

NOTES:
 1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with MD-TCY-NL-MW 3 At 83 CRI 4 Open Aperture Only: NL 5 20L Max 6 13L Max/XN not Available with 98 CRI Option
 7 Contact Factory for Additional Options 8 See Product Options Page for Details 9 Standard Finish 10 Not Available with WL 11 Standard Lens for XN, ND 12 Standard Lens for MD, WD, XW 13 See Mounting Page for Details on Components and Finishes 14 Reference Color Sheet Located on Product Webpage for Full List of Available Colors 15 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

FOCUSED ILLUMINATION / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

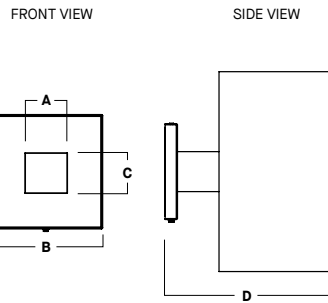
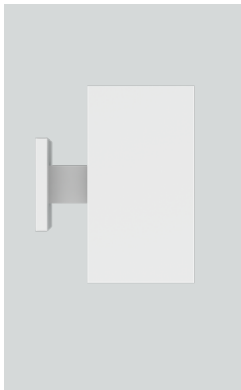


PT
PLATINUM SILVER



WALL MOUNT DETAIL

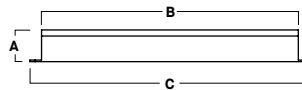
WM3
WALL MOUNT 3" EXTENSION



A	B	C	D
1.4	6.4	2.2	9.0
35.6 mm	162.6 mm	55.9 mm	228.6 mm

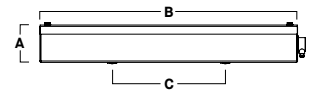
EMERGENCY BATTERY OPTIONS

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

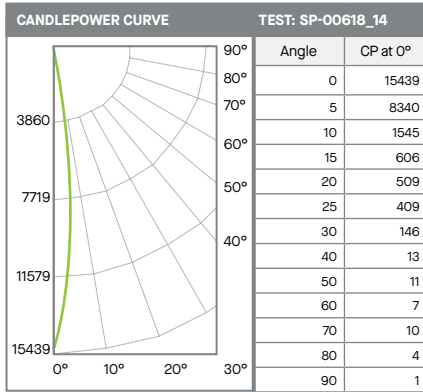
*OTHER EM BATTERY SIZES AVAILABLE, CONSULT FACTORY

6" SQUARE DIRECT

FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C0611SQXT-13LxxK-XNEX-TCY-NLMW



ZONAL LUMENS		
0-10	706	56%
0-20	975	77%
0-30	1165	92%
0-40	1232	97%
0-60	1252	98%
0-80	1267	100%
0-90	1271	100%
Total Lumens	1271	100%

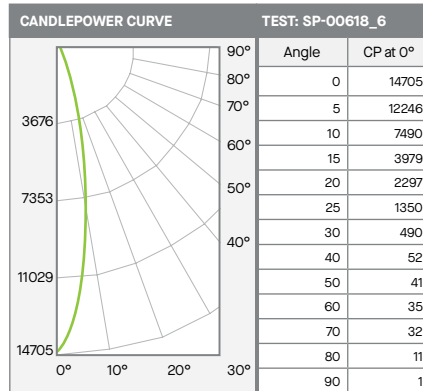
13L XTRA NARROW - 83 CRI

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	510	1.2'	252
6.5'	365	1.4'	181
7.5'	274	1.6'	136
8.5'	214	1.8'	106
10.0'	154	2.1'	76
12.0'	107	2.5'	53
14.0'	79	2.9'	39
16.0'	60	3.4'	30

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

Delivered Lumens: 1271 CP @ 0° (Nadir): 15439 Spacing Ratio: 0.2
 Luminaire Watts: 18.4 Beam Angle: 12° Output Multipliers: 10L x 0.74
 LER: 69 CRI: 83

C0611SQXT-30LxxK-NDEX-TCY-NLMW



ZONAL LUMENS		
0-10	1045	31%
0-20	2294	68%
0-30	2985	89%
0-40	3197	95%
0-60	3277	98%
0-80	3341	100%
0-90	3354	100%
Total Lumens	3356	100%

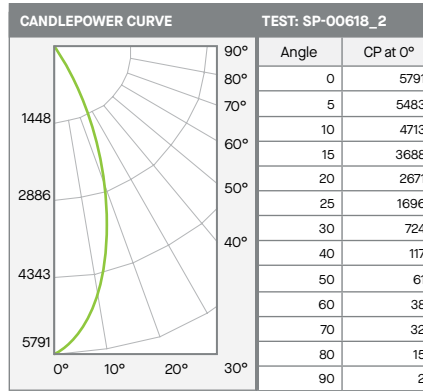
30L NARROW - 83 CRI

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	486	2.0'	235
6.5'	348	2.4'	168
7.5'	261	2.8'	126
8.5'	204	3.2'	98
10.0'	147	3.7'	71
12.0'	102	4.5'	49
14.0'	75	5.2'	36
16.0'	57	6.0'	28

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

Delivered Lumens: 3356 CP @ 0° (Nadir): 14705 Spacing Ratio: 0.36
 Luminaire Watts: 32.6 Beam Angle: 21.1° Output Multipliers: 10L x 0.32, 13L x 0.43, 20L x 0.67
 LER: 103 CRI: 83

C0611SQXT-30LxxK-MDEX-TCY-NLMW



ZONAL LUMENS		
0-10	503	18%
0-20	1535	54%
0-30	2359	83%
0-40	2636	93%
0-60	2749	97%
0-80	2816	99%
0-90	2830	100%
Total Lumens	2831	100%

30L MEDIUM - 83 CRI

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	191	3.8'	86
6.5'	137	4.4'	61
7.5'	103	5.1'	46
8.5'	80	5.8'	36
10.0'	58	6.8'	26
12.0'	40	8.2'	18
14.0'	30	9.6'	13
16.0'	23	10.9'	10

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

Delivered Lumens: 2831 CP @ 0° (Nadir): 5791 Spacing Ratio: 0.62
 Luminaire Watts: 32.6 Beam Angle: 37.7° Output Multipliers: 10L x 0.32, 13L x 0.43, 20L x 0.67
 LER: 87 CRI: 83

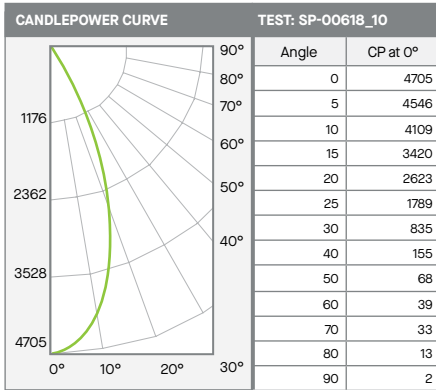
6" SQUARE DIRECT

FOCUSED ILLUMINATION / PHOTOMETRIC DATA



CO611SQXT-30LxxK-WDEX-TCY-NLMW

30L WIDE - 83 CRI



ZONAL LUMENS		
0-10	422	15%
0-20	1374	49%
0-30	2230	80%
0-40	2559	92%
0-60	2698	97%
0-80	2768	99%
0-90	2782	100%
Total Lumens	2783	100%

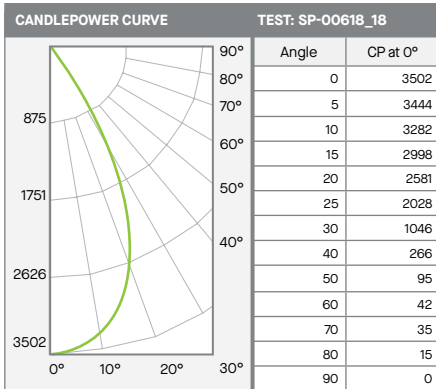
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	156	4.3'	67
6.5'	111	5.1'	48
7.5'	84	5.9'	36
8.5'	65	6.7'	28
10.0'	47	7.9'	20
12.0'	33	9.5'	14
14.0'	24	11.1'	10
16.0'	18	12.6'	8

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

Delivered Lumens: 2783 CP @ 0° (Nadir): 4705 Spacing Ratio: 0.7
 Luminaire Watts: 32.6 Beam Angle: 43.1° Output Multipliers: 10L x 0.32, 13L x 0.43, 20L x 0.67
 LER: 85 CRI: 83

CO611SQXT-30LxxK-XWEX-TCY-NLMW

30L XTRA WIDE - 83 CRI



ZONAL LUMENS		
0-10	324	11%
0-20	1166	41%
0-30	2110	74%
0-40	2557	90%
0-60	2763	97%
0-80	2837	99%
0-90	2853	100%
Total Lumens	2854	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	116	5.5'	46
6.5'	83	6.5'	33
7.5'	62	7.4'	25
8.5'	48	8.4'	19
10.0'	35	9.9'	14
12.0'	24	11.9'	10
14.0'	18	13.9'	7
16.0'	14	15.9'	5

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

Delivered Lumens: 2854 CP @ 0° (Nadir): 3502 Spacing Ratio: 0.86
 Luminaire Watts: 32.6 Beam Angle: 52.8° Output Multipliers: 10L x 0.32, 13L x 0.43, 20L x 0.67
 LER: 88 CRI: 83