



6" SQUARE DIRECT FOCUSED ILLUMINATION



C0611SQXT - CEILING 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 pretreated to resist corrosion.

ELECTRONICS

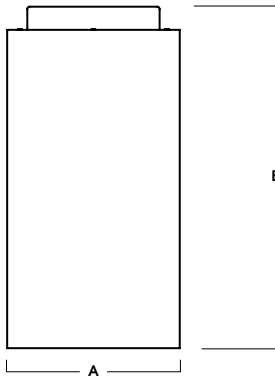
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic 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. 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	12.1 307.3 mm

Fixture Weight: 8.8 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS	DELIVERED LUMENS ²	SYSTEM WATTS ³	LPW
C0611SQXT10L	1000	910	9.1	100
C0611SQXT13L	1300	1227	13.0	94
C0611SQXT20L	2000	1887	21.7	87
C0611SQXT30L	3000	2831	32.6	87

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / DIMMING ⁷	OPTIONS ⁸	TRIM	MOUNTING ¹³	FINISH ¹⁷	
C0611SQXT	10L 1000 Lm	83 CRI	XN ⁶ 12°	EX Electronic Driver, 120V/277V	WL ⁹ Wet Location	TCY ¹⁰ Same Color as Cylinder	HM ^{14/15} Hang Straight	MW ¹⁸ Matte White	
	13L 1300 Lm	27K 2700K	ND 21°				PM ^{14/15} Rigid Pendant Mount		MB ¹⁸ Matte Black
	20L 2000 Lm	30K 3000K	MD 38°	DS10X 10%, 0-10V, 120V/277V	FS Fuse Holder and Fuse	TPT Platinum Silver	AT ^{14/15} Hang Straight All Thread	PT ¹⁸ Platinum Silver	
	30L ⁴ 3000 Lm	35K 3500K	WD 43°			DO10X 1%, 0-10V, 120V/277V	TCC Custom Color		CD4X ^{9/15/16} Cord Cable Mount
		40K 4000K	XW 53°	DS2W1 ELV/MLV, 120V		SM Surface Mount			
			98 CRI ⁵						
		27HK 2700K							See Page 6 for Full Range of Color Options (83-90095)
		30HK 3000K							
		35HK 3500K							
		40HK 4000K							
						LENS	EMERGENCY BATTERY OPTIONS		
						NL ⁹ No Lens	EMCR 10W Canopy Mounted EM		
						GL ¹¹ Clear Glass Lens	EMRM 7W Remote EM		
						SO ¹² Solite™ Lens	EMEN 7W Remote with Enclosure		
						FG Frosted Glass Lens			

EXAMPLE: C0611SQXT13L35KNDEX/TPTGL/HM12/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 Wet Location Unavailable with NL or CD 10 Standard Finish 11 Standard Lens for XN, ND 12 Standard Lens for MD, WD, XW 13 See Mounting Page for Details on Components and Finishes 14 Specify Length in Inches: See Mounting Page for Available Lengths 15 Not for Use in Locations with Wind Exposure 16 EMxxx Option Requires 2 Cords 17 See Color Page for More Options/Consult Factory for Special Finishes 18 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.

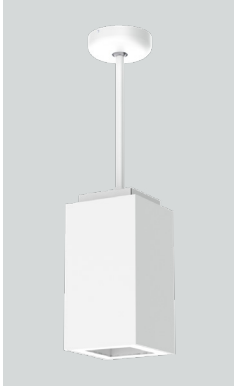
6" SQUARE DIRECT

FOCUSED ILLUMINATION / FIXTURE OPTIONS

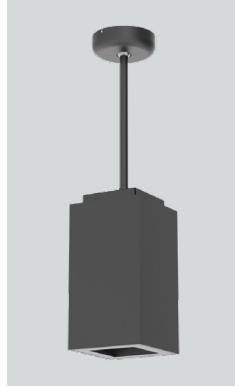


STANDARD FINISHES

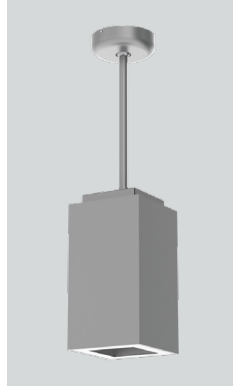
MW
MATTE WHITE



MB
MATTE BLACK

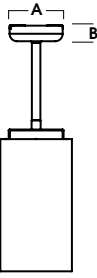
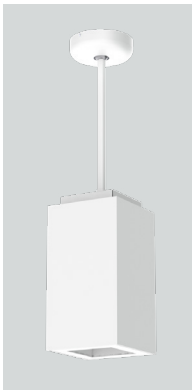


PT
PLATINUM SILVER



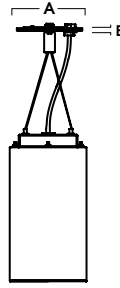
MOUNTING TYPES

HM / PM / AT
HANG STRAIGHT / PENDANT / ALL THREAD



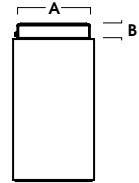
A	B
5.0	1.5
127.0 mm	38.1 mm

CD4X
4 X CORD / CABLE MOUNT



A	B
5.0	.25
127.0 mm	6.4 mm

SM
SURFACE MOUNT



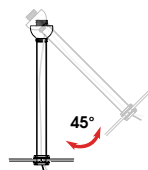
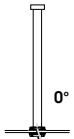
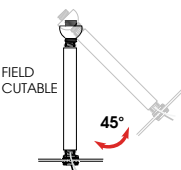
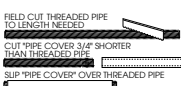
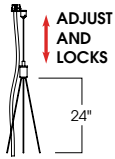
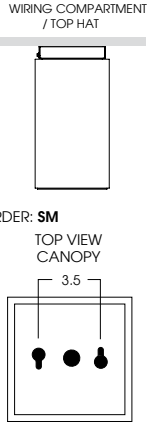
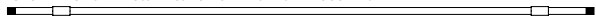
A	B
4.6	1.2
116.8 mm	30.5 mm

STANDARD MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES. CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION. NOTE: THIS IS TYPICAL OF CYLINDERS SPECIFICATION FOR PENDANT MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.

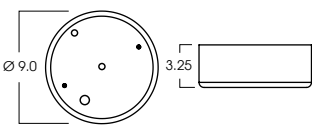


MOUNTING TYPES

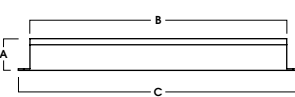
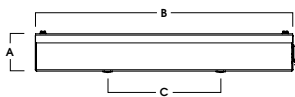
<p>HM* HANG STRAIGHT 45° SWIVEL 5/8" OD STEM - 3/8" IP</p>  <p>ORDER: HM (Length) SPECIFY LENGTH: HM3 - 3" HM24 - 24" HM6 - 6" HM36 - 36" HM12 - 12" HM48 - 48" HM18 - 18" HM72 - 72" HMLC(XX) Custom Length (Specify in Inches)</p>	<p>PM* RIGID PENDANT MOUNT RIGID 5/8" OD STEM - 3/8" IP</p>  <p>ORDER: PM (Length) SPECIFY LENGTH: PM3 - 3" PM24 - 24" PM6 - 6" PM36 - 36" PM12 - 12" PM48 - 48" PM18 - 18" PM72 - 72" PMLC(XX) Custom Length (Specify in Inches)</p>	<p>AT** HANG STRAIGHT ALL THREAD 45° SWIVEL 5/8" OD STEM - 1/4" IP</p>  <p>ORDER: AT (Length) SPECIFY LENGTH: AT12 - 12" AT24 - 24" AT36 - 36"</p>  <p>FIELD CUT THREADED PIPE TO LENGTH NEEDED CUT PIPE COVER 3/4" SHORTER THAN THREADED PIPE SLIP PIPE COVER OVER THREADED PIPE</p>	<p>CD4X CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE</p>  <p>ORDER: CDX4 (Length) SPECIFY LENGTH: CD4X36 - 36" CD4X72 - 72" CD4X144 - 144" CDLC4X(XX) Custom Length (Specify in Inches)</p>	<p>SM SURFACE MOUNT WIRING COMPARTMENT / TOP HAT</p>  <p>ORDER: SM TOP VIEW CANOPY 3.5</p> <p>KEY SLOTS MOUNT CANOPY TO WALL JUNCTION BOX. JUNCTION BOX IS COVERED.</p>
<p>*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.</p> 				

EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY



REMOTE EMERGENCY BATTERY OPTIONS

<p>EMRM* - 7W REMOTE EMERGENCY BATTERY (50' MAX)</p>  <table border="1" data-bbox="576 1207 771 1249"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>1.3</td> <td>12.6</td> <td>13.0</td> </tr> </tbody> </table>	A	B	C	1.3	12.6	13.0	<p>EMEN* - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (50' MAX)</p>  <table border="1" data-bbox="933 1207 1128 1249"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>2.0</td> <td>17.0</td> <td>6.2</td> </tr> </tbody> </table>	A	B	C	2.0	17.0	6.2
A	B	C											
1.3	12.6	13.0											
A	B	C											
2.0	17.0	6.2											

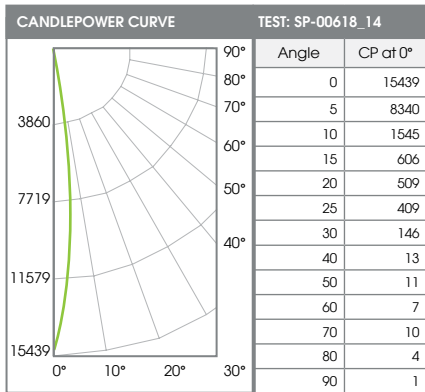
*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY

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%

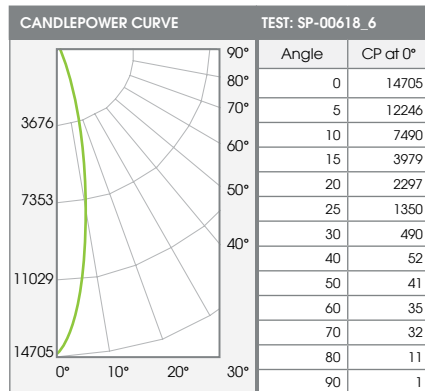
13L XTRA NARROW - 83 CRI

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%

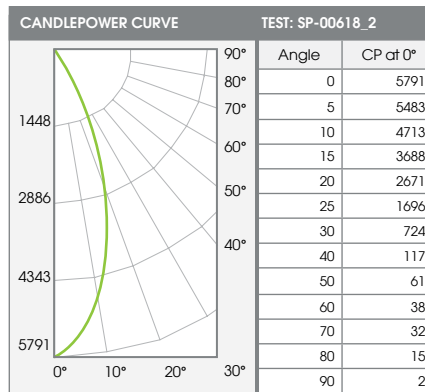
30L NARROW - 83 CRI

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

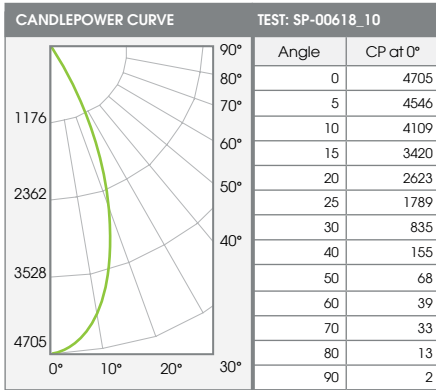
6" SQUARE DIRECT

FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C0611SQXT-30LxxK-WDEX-TCY-NLMW

30L WIDE - 83 CRI



Beam Angle	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%

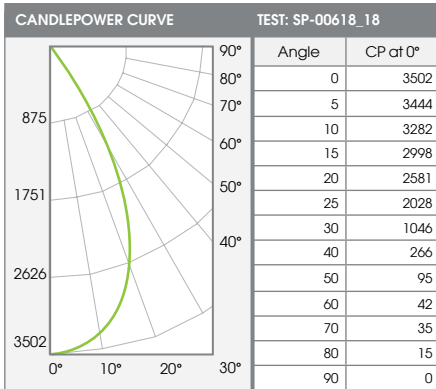
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	156	4.3'	67
6.5'	111	5.1'	48
7.5'	84	5.9'	36
8.5'	65	6.7'	28
10.0'	47	7.9'	20
12.0'	33	9.5'	14
14.0'	24	11.1'	10
16.0'	18	12.6'	8

* 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

C0611SQXT-30LxxK-XWEX-TCY-NLMW

30L XTRA WIDE - 83 CRI



Beam Angle	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%

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

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

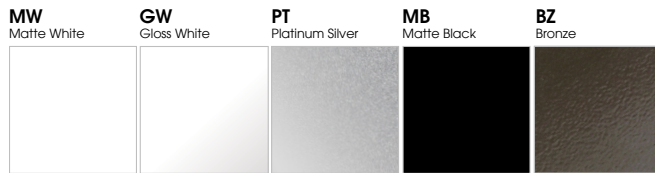
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

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