



4" ROUND DIRECT FOCUSED ILLUMINATION



C0411XT - CEILING MOUNT

APPLICATION

4" round x 11" high cylinder luminaire designed for 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. Integral LED driver. 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

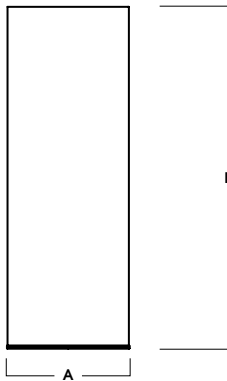
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic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

CONSTRUCTION

Fixtures are machined in our factory from 6063-H32 high purity aluminum extrusions. Silicone gasket seals optical chamber. Specular primary optical reflectors provide high efficiency illumination. Stainless steel hardware with galvanized steel brackets to resist corrosion.

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.



A	B
4.0	11.9
101.6 mm	302.3 mm

Fixture Weight: 4.0 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS ³	LPW
C0411XT7L	700	390	6.2	63
C0411XT10L	1000	522	9.1	57
C0411XT13L	1300	704	13.0	54
C0411XT20L	2000	1082	21.7	50

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / DIMMING ⁵	OPTIONS ⁸	MOUNTING ¹¹	FINISH ¹⁴			
C0411XT	7L	700 Lm	83 CRI	EX Electronic Driver, 120V/277V DS10X 10%, 0-10V, 120V/277V DS2W1 ELV/MLV, 120V DO10X 1%, 0-10V, 120V/277V DMXS^{6/7} DMX Standard Configuration DMXC^{6/7} DMX Non-Standard Custom	CR Corrosion Resistant BB Black Baffle HL34 Hex Louver	HM¹² Hang Straight Mounting PM¹² Pendant Mount AT¹² Hang Straight All Thread CD^{12/13} Aircraft Cable and Cord CM^{12/13} Cord Mount SM Surface Mount CQD⁷ DMX Large Driver Canopy	MW¹⁵ Matte White MB¹⁵ Matte Black PT¹⁵ Platinum Silver TW Textured White TB Textured Black MT Textured Silver BZ Bronze CH Charcoal GH Graphite AC Champagne SN Sun Gold BR Brecchia Rust AN Anodic Natural CO Copper Metallic CC Custom Color			
	10L	1000 Lm	27K 2700K					ND 21°	LENS NL No Lens GL⁹ Clear Glass Lens SO¹⁰ Micro Prism Solite™ Lens	EMCR 7W Canopy Mounted EM EMRM 7W Remote EM EMEN 7W Remote with Enclosure
	13L	1300 Lm	30K 3000K					MD 37°		
	20L	2000 Lm	35K 3500K					WD 43°	EMERGENCY BATTERY OPTIONS	
			40K 4000K					XW 54°		
			98 CRI							
			27HK 2700K							
			30HK 3000K							
			35HK 3500K							
			40HK 4000K							

EXAMPLE: C0411XT20L35KWDEXSOHM72MW

NOTES:

1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with MD-NL-MW 3 At 83 CRI 4 13L Max/XN not Available with 98 CRI Option 5 Contact Factory for Additional Options 6 Contact Factory 7 CQD Required for DMXS/C 8 See Product Options Page for Details 9 Standard Lens for XN, ND 10 Standard Lens for MD, WD, XW 11 See Mounting Page for Details on Components and Finishes 12 Specify Length in Inches: See Mounting Page for Available Lengths 13 EMxxx Option Requires 2 Cords 14 See Color Page for More Options/Consult Factory for Special Finishes 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.

4" ROUND DIRECT

FOCUSED ILLUMINATION / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

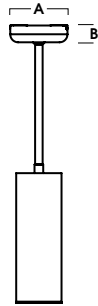


PT
PLATINUM SILVER



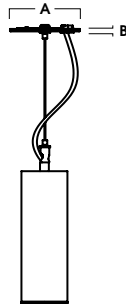
MOUNTING TYPES

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



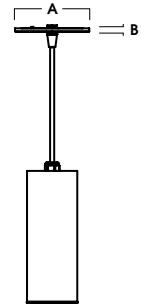
A	B
5.0	1.5
127.0 mm	38.1 mm

CD
CORD / CABLE MOUNT



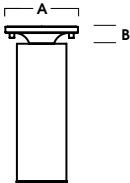
A	B
5.0	.25
127.0 mm	6.4 mm

CM
CORD MOUNT



A	B
5.0	.25
127.0 mm	6.4 mm

SM
SURFACE MOUNT



A	B
5.8	1.4
147.3 mm	35.6 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 1/2" STEM - 3/8" NPT</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>AT** HANG STRAIGHT ALL THREAD 45° SWIVEL 1/2" STEM - 1/4" IP</p> <p>FIELD CUTTABLE</p> <p>ORDER: AT (Length) SPECIFY LENGTH: AT12 - 12" AT24 - 24" AT36 - 36" ATLC(XX) Custom Length (Specify in Inches)</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>PM* RIGID PENDANT MOUNT RIGID 1/2" STEM - 3/8" NPT</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>CD CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE</p> <p>ORDER: CD (Length) SPECIFY LENGTH: CD36 - 36" CD72 - 72" CD144 - 144" CDLC(XX) Custom Length (Specify in Inches)</p>	<p>CM CORD MOUNT SJ CORD WITH STRAIN RELIEF</p> <p>ORDER: CM (Length) SPECIFY LENGTH: CM36 - 36" CM72 - 72" CM144 - 144" CMLC(XX) Custom Length (Specify in Inches)</p>	<p>SM SURFACE MOUNT WIRING COMPARTMENT / TOP HAT</p> <p>ORDER: SM TOP VIEW CANOPY 3.5 KEY SLOTS MOUNT CANOPY TO WALL JUNCTION BOX: JUNCTION BOX IS COVERED.</p>
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*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

MOUNTING FINISH

	FIXTURE COLOR	CANOPY / STEM / CORD COLOR
Standard Canopy / Stem or Cord mounting finish is matte white. Black fixtures receive matte black mounting finish, silver fixture receive silver mounting finish. Custom colors for canopy and stem are available upon request.	Matte White, Textured White	Matte White
	Matte Black, Textured Black, Bronze, Oil Rubbed Bronze, Graphite	Matte Black
	Platinum, Textured Silver, Silver	Silver
	All Others	Matte White
	Custom Color	Canopy / Stem Same Color as Fixture

DMX OPTION

C&D - LARGE DRIVER CANOPY FOR DMX OPTIONS

EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY (FOR ROUND CEILING MOUNT TYPES)

REMOTE EMERGENCY BATTERY OPTIONS

<p>EMRM* - 7W REMOTE EMERGENCY BATTERY (50' MAX)</p> <table border="1"> <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"> <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											

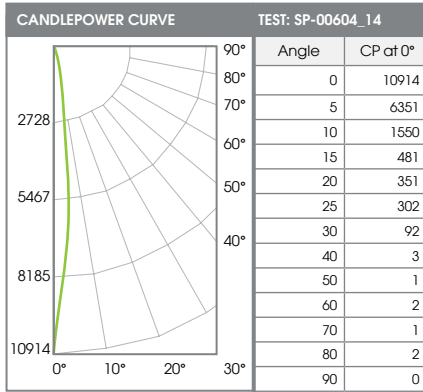
*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY

4" ROUND DIRECT

FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C041 1XT-13LxxK-XNEX-NLxxMW



ZONAL LUMENS	0-10	505	59%
0-20	701	82%	
0-30	822	96%	
0-40	848	99%	
0-60	851	99%	
0-80	855	100%	
0-90	857	100%	
Total Lumens	857	100%	

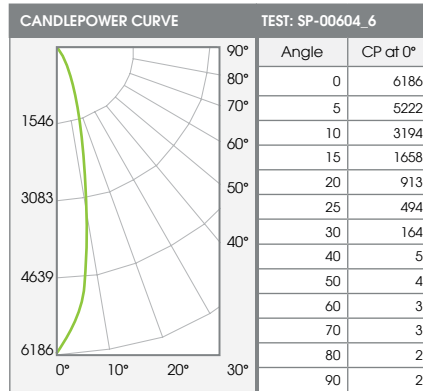
13L XTRA NARROW - 83 CRI

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	3667	1.1'	1814
6.5'	2625	1.4'	1298
7.5'	1972	1.6'	975
8.5'	1535	1.8'	759
10.0'	1109	2.1'	549
12.0'	770	2.5'	381
14.0'	566	2.9'	280
16.0'	433	3.3'	214

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

Delivered Lumens: 857 CP @ 0° (Nadir): 10914 Spacing Ratio: 0.22
 Luminaire Watts: 18.4 Beam Angle: 11.9° Output Multipliers: 10L x 0.74
 LER: 47 CRI: 83

C041 1XT-20LxxK-NDEX-NLxxMW



ZONAL LUMENS	0-10	441	34%
0-20	959	75%	
0-30	1218	95%	
0-40	1265	98%	
0-60	1273	99%	
0-80	1281	100%	
0-90	1285	100%	
Total Lumens	1286	100%	

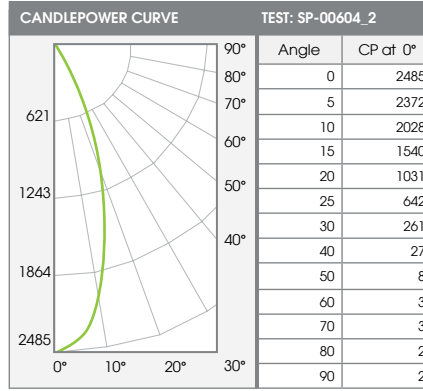
20L NARROW - 83 CRI

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	204	2.1'	99
6.5'	146	2.4'	71
7.5'	110	2.8'	53
8.5'	86	3.2'	41
10.0'	62	3.8'	30
12.0'	43	4.5'	21
14.0'	32	5.3'	15
16.0'	24	6.0'	12

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

Delivered Lumens: 1286 CP @ 0° (Nadir): 6186 Spacing Ratio: 0.36
 Luminaire Watts: 21.7 Beam Angle: 21.3° Output Multipliers: 7L x 0.36, 10L x 0.48, 13L x 0.65
 LER: 59 CRI: 83

C041 1XT-20LxxK-MDEX-NLxxMW



ZONAL LUMENS	0-10	216	20%
0-20	650	60%	
0-30	971	90%	
0-40	1051	97%	
0-60	1070	99%	
0-80	1078	100%	
0-90	1082	100%	
Total Lumens	1082	100%	

20L 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'	82	3.7'	37
6.5'	59	4.3'	26
7.5'	44	5.0'	20
8.5'	34	5.7'	15
10.0'	25	6.7'	11
12.0'	17	8.0'	8
14.0'	13	9.3'	6
16.0'	10	10.7'	4

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

Delivered Lumens: 1082 CP @ 0° (Nadir): 2485 Spacing Ratio: 0.6
 Luminaire Watts: 21.7 Beam Angle: 36.9° Output Multipliers: 7L x 0.36, 10L x 0.48, 13L x 0.65
 LER: 50 CRI: 83

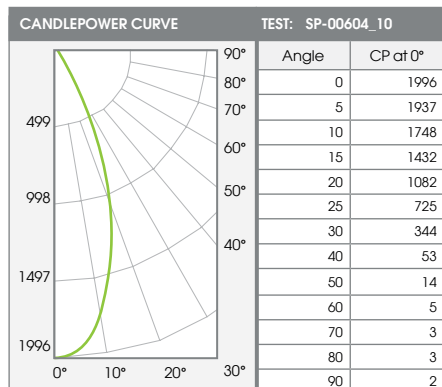
4" ROUND DIRECT

FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C0411XT-20LxxK-WDEX-NLxxMW

20L WIDE - 83 CRI



ZONAL LUMENS		
0-10	179	17%
0-20	581	54%
0-30	926	86%
0-40	1036	96%
0-60	1066	99%
0-80	1074	100%
0-90	1077	100%
Total Lumens	1078	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	66	4.4'	28
6.5'	47	5.2'	20
7.5'	35	6.0'	15
8.5'	28	6.8'	12
10.0'	20	8.0'	9
12.0'	14	9.6'	6
14.0'	10	11.2'	4
16.0'	8	12.8'	3

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

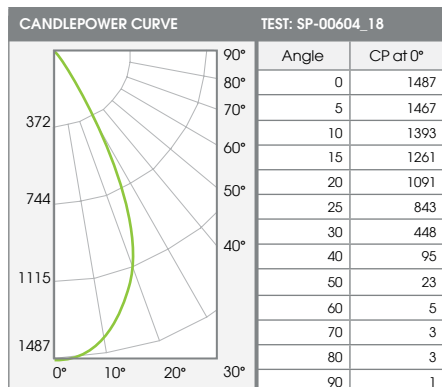
Delivered Lumens: 1078
Luminaire Watts: 21.7
LER: 50

CP @ 0° (Nadir): 1996
Beam Angle: 43.5°
CRI: 83

Spacing Ratio: 0.68
Output Multipliers: 7L x 0.36, 10L x 0.48, 13L x 0.65

C0411XT-20LxxK-XWEX-NLxxMW

20L XTRA WIDE - 83 CRI



ZONAL LUMENS		
0-10	138	12%
0-20	493	45%
0-30	881	80%
0-40	1038	94%
0-60	1095	99%
0-80	1103	100%
0-90	1107	100%
Total Lumens	1107	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	49	5.6'	20
6.5'	35	6.6'	14
7.5'	26	7.6'	10
8.5'	21	8.7'	8
10.0'	15	10.2'	6
12.0'	10	12.2'	4
14.0'	8	14.3'	3
16.0'	6	16.3'	2

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

Delivered Lumens: 1107
Luminaire Watts: 21.7
LER: 51

CP @ 0° (Nadir): 1487
Beam Angle: 54°
CRI: 83

Spacing Ratio: 0.86
Output Multipliers: 7L x 0.36, 10L x 0.48, 13L x 0.65