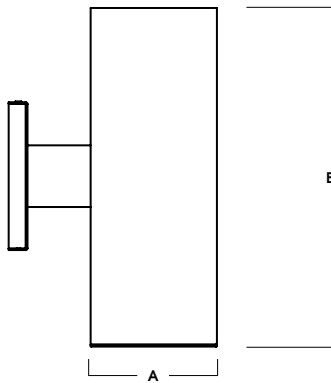


4" SQUARE DIRECT FOCUSED ILLUMINATION



A	B
4.5 114.3 mm	12.0 304.8 mm

Fixture Weight: 8.8 lbs

C0412SQXT - WALL MOUNT

APPLICATION

4" square x 12" 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

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. Manufactured and tested to UL standards No. 1598/8750.

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS ³	LPW
C0412SQXT7L	700	295	6.2	48
C0412SQXT10L	1000	395	9.1	43
C0412SQXT13L	1300	532	13.0	41
C0412SQXT20L	2000	820	21.7	38
C0412SQXT30L	3000	1229	32.6	38

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / VOLTAGE ⁵	OPTIONS ⁶	MOUNTING ⁹	FINISH ¹⁰
C0412SQXT	7L 700 Lm	83 CRI	XN ⁴ 14°	EX Electronic Driver, 120V/277V	FS Fuse Holder and Fuse CR Corrosion Resistant	WM3 Wall Mount 3" Extension	MW ¹¹ Matte White MB ¹¹ Matte Black PT ¹¹ Platinum Silver CC Custom Color
	10L 1000 Lm	27K 2700K	ND 23°	DS10X 10%, 0-10V, 120V/277V			
	13L 1300 Lm	30K 3000K	MD 38°	DO10X 1%, 0-10V, 120V/277V			
	20L 2000 Lm	35K 3500K	WD 47°	DS2W1 ELV/MLV, 120V			
	30L 3000 Lm	40K 4000K	XW 54°				
		98 CRI ⁴					
		27HK 2700K					
		30HK 3000K					
		35HK 3500K					
		40HK 4000K					
					LENS	EMERGENCY BATTERY OPTIONS	See Page 5 for Full Range of Color Options (83-90095)
					NL No Lens GL ⁷ Clear Glass Lens SO ⁸ Micro Prism Solite™ Lens	EMRM 7W Remote EM EMEN 7W Remote with Enclosure	

EXAMPLE: C0412SQXT20L35KXWEX/SO/WM3/MW

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

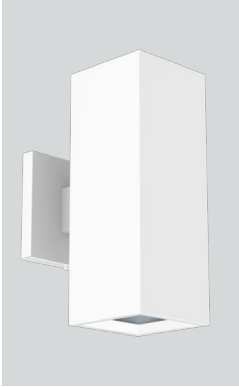
4" SQUARE DIRECT

FOCUSED ILLUMINATION / FIXTURE OPTIONS

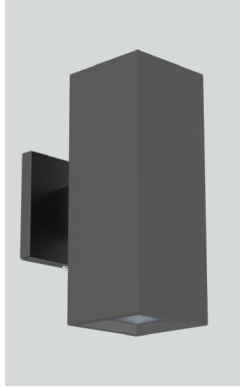


STANDARD FINISHES

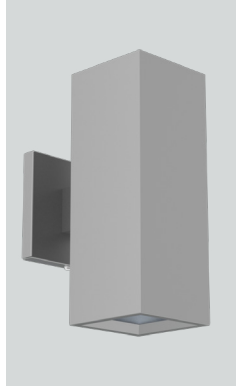
MW
MATTE WHITE



MB
MATTE BLACK

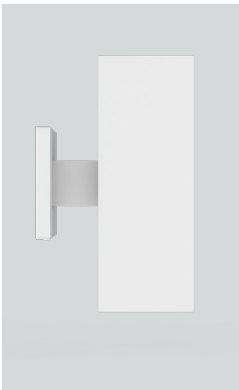


PT
PLATINUM SILVER

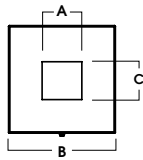


WALL MOUNT DETAIL

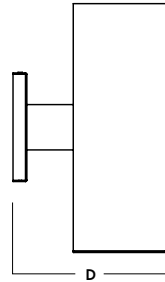
WM3
WALL MOUNT 3" EXTENSION



FRONT VIEW



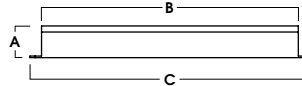
SIDE VIEW



A	B	C	D
1.4	6.4	2.2	7.5
35.6 mm	162.6 mm	55.9 mm	190.5 mm

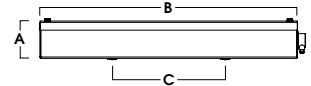
EMERGENCY BATTERY OPTIONS

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

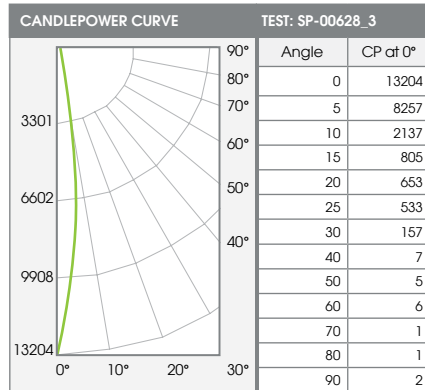
*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY

4" SQUARE DIRECT

FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C0412SQXT-13LxxK-XNEX-GLxxMW



ZONAL LUMENS		
0-10	633	51%
0-20	943	76%
0-30	1170	94%
0-40	1233	99%
0-60	1242	99%
0-80	1247	100%
0-90	1249	100%
Total Lumens	1249	100%

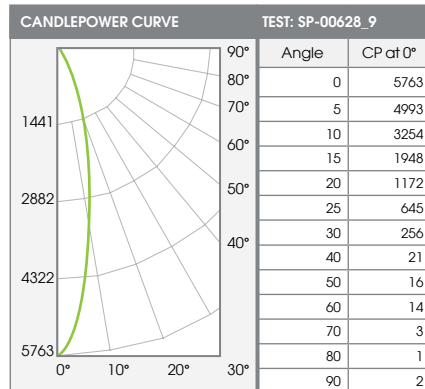
30L XTRA NARROW - 83 CRI

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	436	1.2'	216
6.5'	313	1.4'	154
7.5'	235	1.6'	116
8.5'	183	1.8'	90
10.0'	132	2.1'	65
12.0'	92	2.6'	45
14.0'	67	3.0'	33
16.0'	52	3.4'	25

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

Delivered Lumens: 1249 CP @ 0° (Nadir): 13204 Spacing Ratio: 0.22
 Luminaire Watts: 18.4 Beam Angle: 12.2° Output Multipliers: 10L x 0.74
 LER: 68 CRI: 83

C0412SQXT-30LxxK-NDEX-GLxxMW



ZONAL LUMENS		
0-10	424	29%
0-20	982	67%
0-30	1316	90%
0-40	1420	97%
0-60	1455	99%
0-80	1466	100%
0-90	1470	100%
Total Lumens	1470	100%

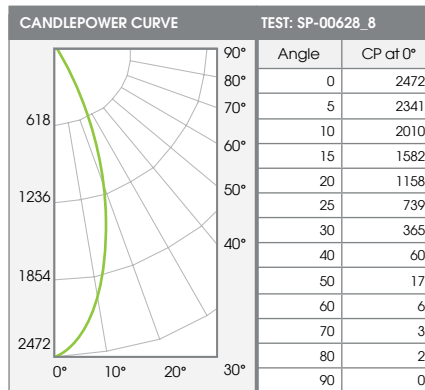
30L NARROW - 83 CRI

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	191	2.1'	92
6.5'	136	2.5'	66
7.5'	102	2.9'	49
8.5'	80	3.3'	38
10.0'	58	3.9'	28
12.0'	40	4.7'	19
14.0'	29	5.4'	14
16.0'	23	6.2'	11

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

Delivered Lumens: 1470 CP @ 0° (Nadir): 5763 Spacing Ratio: 0.4
 Luminaire Watts: 32.6 Beam Angle: 22° Output Multipliers: 7L x 0.23, 10L x 0.32, 13L x 0.43, 20L x 0.67
 LER: 45 CRI: 83

C0412SQXT-30LxxK-MDEX-SOxxMW



ZONAL LUMENS		
0-10	214	17%
0-20	659	54%
0-30	1030	84%
0-40	1174	96%
0-60	1215	99%
0-80	1225	100%
0-90	1228	100%
Total Lumens	1229	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'	82	3.9'	36
6.5'	59	4.6'	26
7.5'	44	5.3'	20
8.5'	34	6.0'	15
10.0'	25	7.0'	11
12.0'	17	8.4'	8
14.0'	13	9.8'	6
16.0'	10	11.2'	4

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

Delivered Lumens: 1229 CP @ 0° (Nadir): 2472 Spacing Ratio: 0.62
 Luminaire Watts: 32.6 Beam Angle: 38.7° Output Multipliers: 7L x 0.23, 10L x 0.32, 13L x 0.43, 20L x 0.67
 LER: 38 CRI: 83

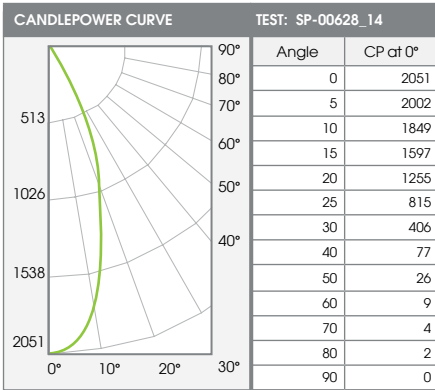
4" SQUARE DIRECT

FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C0412SQXT-30LxxK-WDEX-SOxxMW

30L WIDE - 83 CRI



ZONAL LUMENS

0-10	186	14%
0-20	627	49%
0-30	1042	81%
0-40	1214	94%
0-60	1273	99%
0-80	1285	100%
0-90	1289	100%
Total Lumens	1290	100%

SINGLE UNIT: PERFORMANCE
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS

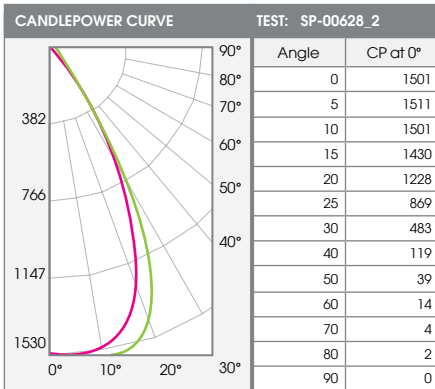
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	68	4.8'	28
6.5'	49	5.7'	20
7.5'	36	6.6'	15
8.5'	28	7.4'	12
10.0'	21	8.8'	9
12.0'	14	10.5'	6
14.0'	10	12.3'	4
16.0'	8	14.0'	3

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

Delivered Lumens: 1290 CP @ 0° (Nadir): 2051 Spacing Ratio: 0.74
 Luminaire Watts: 32.6 Beam Angle: 47.3° Output Multipliers: 7L x 0.23, 10L x 0.32, 13L x 0.43, 20L x 0.67
 LER: 40 CRI: 83

C0412SQXT-30LxxK-XWEX-SOxxMW

30L XTRA WIDE - 83 CRI



ZONAL LUMENS

0-10	143	11%
0-20	546	40%
0-30	1004	74%
0-40	1234	91%
0-60	1335	98%
0-80	1351	100%
0-90	1355	100%
Total Lumens	1356	100%

SINGLE UNIT: PERFORMANCE
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	50	6.0'	19
6.5'	36	7.1'	14
7.5'	27	8.2'	10
8.5'	21	9.2'	8
10.0'	15	10.9'	6
12.0'	10	13.1'	4
14.0'	8	15.2'	3
16.0'	6	17.4'	2

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

Delivered Lumens: 1356 CP @ 0° (Nadir): 1501 Spacing Ratio: 0.88
 Luminaire Watts: 32.6 Beam Angle: 57.1° Output Multipliers: 7L x 0.23, 10L x 0.32, 13L x 0.43, 20L x 0.67
 LER: 42 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

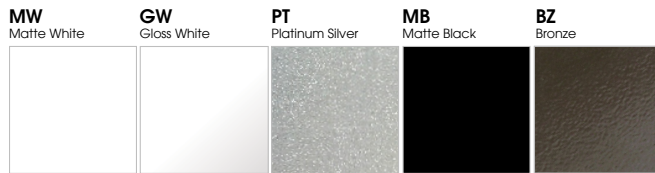
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

PAINT TIMES

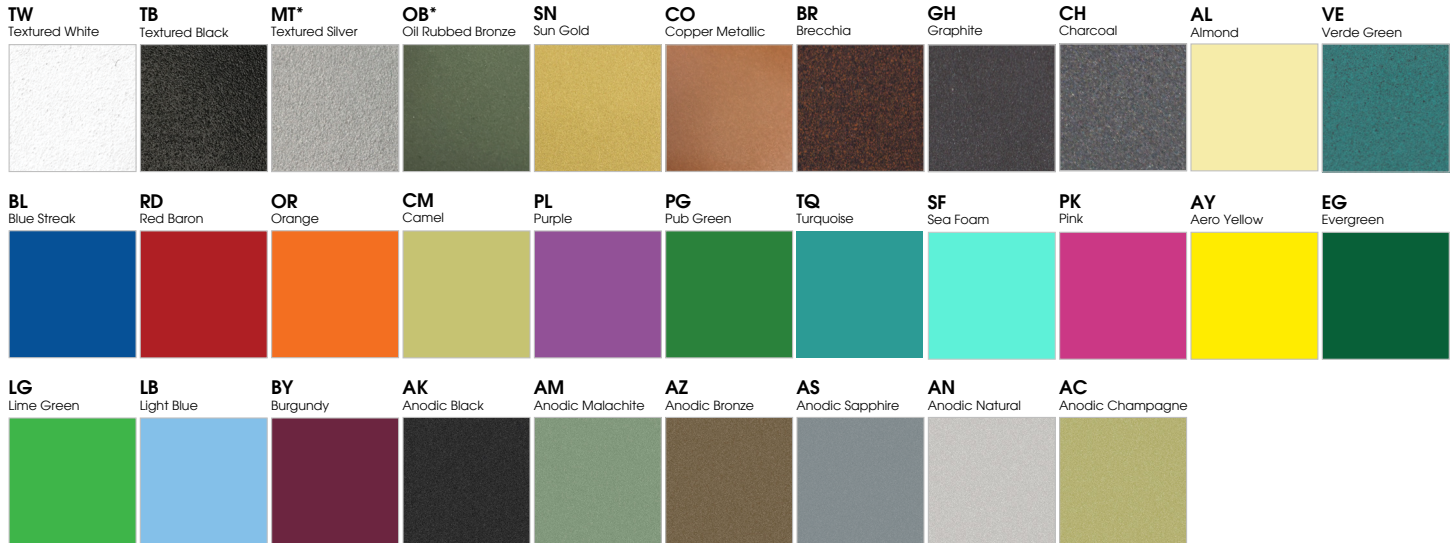
TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⌚
Tier 2 - Typical Finishes	\$\$	⌚⌚
Custom Color	Contact Factory	Contact Factory

*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