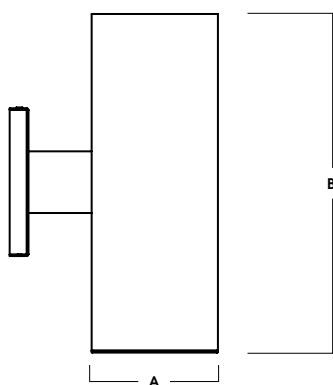


# 4" SQUARE DIRECT

## 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 <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS <sup>3</sup>	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 <sup>1</sup>	CCT	OPTICS	DRIVER / VOLTAGE <sup>5</sup>	OPTIONS <sup>6</sup>	MOUNTING <sup>9</sup>	FINISH <sup>10</sup>
C0412SQXT	7L 700 Lm	83 CRI	XN <sup>4</sup> 14°	EX Electronic Driver, 120V/277V DS10X 10%, 0-10V, 120V/277V DO10X 1%, 0-10V, 120V/277V DS2W1 ELV/MLV, 120V	FS Fuse Holder and Fuse CR Corrosion Resistant	WM3 Wall Mount 3" Extension	MW <sup>11</sup> Matte White MB <sup>11</sup> Matte Black PT <sup>11</sup> 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 23°				
	13L 1300 Lm	30K 3000K	MD 38°				
	20L 2000 Lm	35K 3500K	WD 47°				
	30L 3000 Lm	40K 4000K	XW 54°				
		98 CRI <sup>4</sup>					
		27HK 2700K					
		30HK 3000K					
		35HK 3500K					
		40HK 4000K					
					LENS	EMERGENCY BATTERY OPTIONS	
					NL No Lens GL <sup>7</sup> Clear Glass Lens SO <sup>8</sup> Micro Prism Solite™ Lens	EMRM 7W Remote EM EMEN 7W Remote with Enclosure	

**EXAMPLE:** C0412SQXT20L35KXWXSOWM3MW

**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.

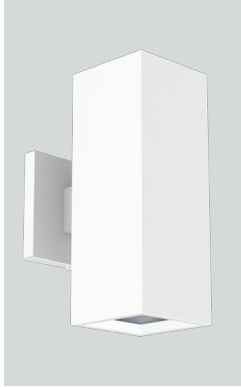
# 4" SQUARE DIRECT

FOCUSED ILLUMINATION / FIXTURE OPTIONS

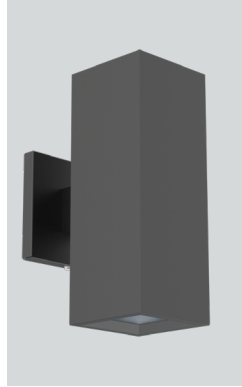


## STANDARD FINISHES

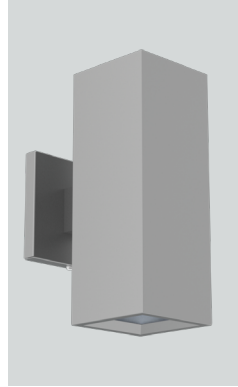
**MW**  
MATTE WHITE



**MB**  
MATTE BLACK

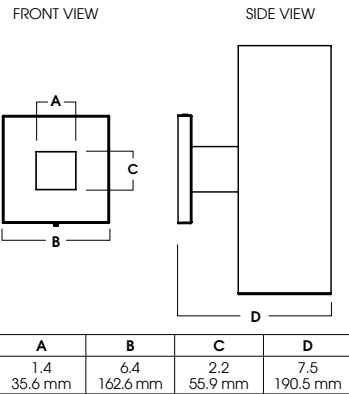
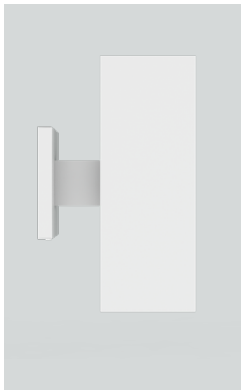


**PT**  
PLATINUM SILVER

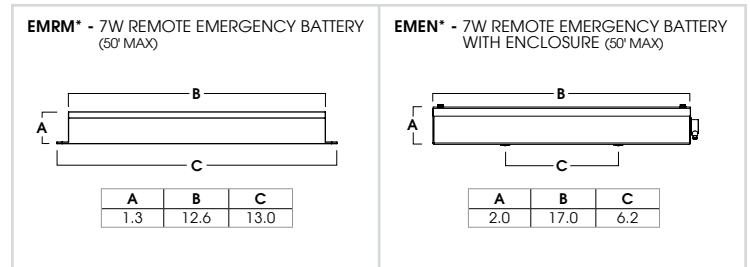


## WALL MOUNT DETAIL

**WM3**  
WALL MOUNT 3" EXTENSION



## EMERGENCY BATTERY OPTIONS



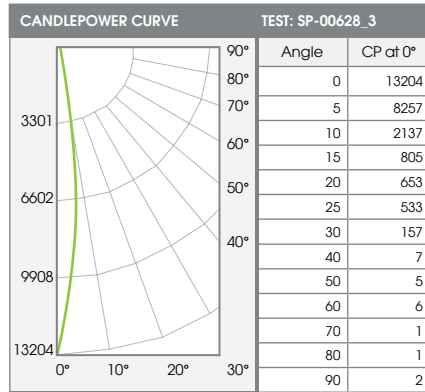
\*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY

# 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%

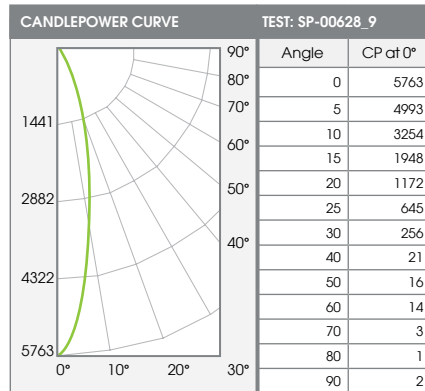
### 30L XTRA NARROW - 83 CRI

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%

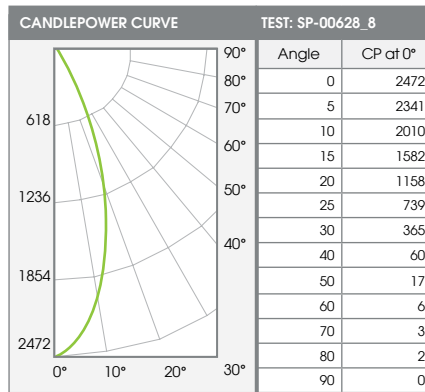
### 30L NARROW - 83 CRI

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

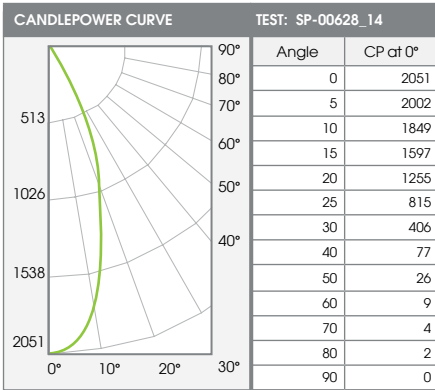
# 4" SQUARE DIRECT

## 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

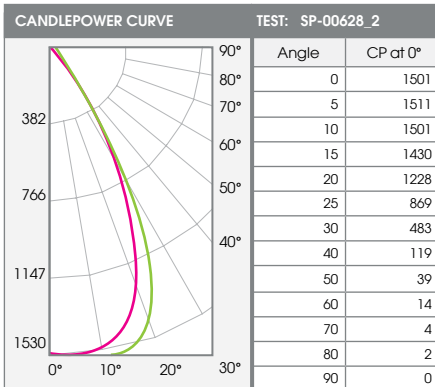
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	68	4.8'	28
6.5'	49	5.7'	20
7.5'	36	6.6'	15
8.5'	28	7.4'	12
10.0'	21	8.8'	9
12.0'	14	10.5'	6
14.0'	10	12.3'	4
16.0'	8	14.0'	3

\* 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