



# 6" ROUND DIRECT PRO-FORM SERIES



## CO612XT - WALL MOUNT

### APPLICATION

6" round x 12" high cylinder luminaire designed for high output 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. Two stage optical system design delivers high quality general illumination.

### 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

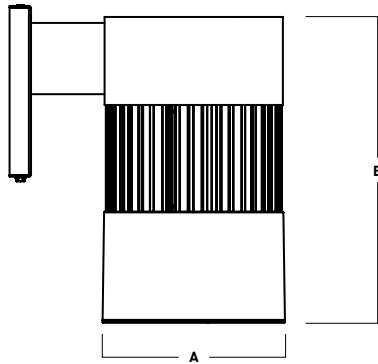
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic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

### 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
6.2	12.1
157.5 mm	307.3 mm

Fixture Weight: 12.8 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS <sup>3</sup>	LPW
CO612XT10L	1000	789	9.1	87
CO612XT13L	1300	1063	13.0	82
CO612XT20L	2000	1635	21.7	75
CO612XT30L	3000	2452	32.6	75
CO612XT40L	4000	3147	37.9	83
CO612XT50L	5000	4087	52.0	79

SERIES	LUMENS <sup>1</sup>	CCT	OPTICS	DRIVER / DIMMING <sup>5</sup>	OPTIONS <sup>6</sup>	MOUNTING <sup>9</sup>	FINISH <sup>10</sup>
CO612XT	10L 1000 Lm	83 CRI	XN <sup>4</sup> 12°	EX Electronic Driver, 120V/277V DS10X 10%, 0-10V, 120V/277V DO10X 1%, 10-0V, 120V/277V DS2W1 ELV / MLV, 120V	FS Fuse Holder and Fuse CR Corrosion Resistant BB Black Baffle	WM3 Wall Mount 3" Extension WM5 Wall Mount 5" Extension	MW <sup>11</sup> Matte White MB <sup>11</sup> Matte Black PT <sup>11</sup> Platinum Silver CC Custom Color
	13L 1300 Lm	27K 2700K	ND 13°				
	20L 2000 Lm	30K 3000K	MD 22°				
	30L 3000 Lm	35K 3500K	WD 39°				
	40L 4000 Lm	40K 4000K	XW 62°				
	50L 5000 Lm	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	EMR 7W Remote EM EMEN 7W Remote with Enclosure	

**EXAMPLE:** CO612XT50L35KNDEX/GL/PM36/MW

**NOTES:**  
 1 Nominal Source Lumens At Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with WD-BB-NL-MW 3 At 83 CRI 4 13L Max/XN not Available with 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 Reference Color Sheet Located on Product Webpage for Full List of Available Colors 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.

# 6" ROUND DIRECT

## PRO-FORM SERIES / FIXTURE OPTIONS



### STANDARD FINISHES

**MW**  
MATTE WHITE



**MB**  
MATTE BLACK

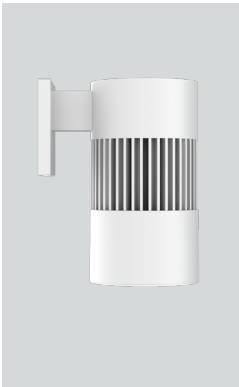


**PT**  
PLATINUM SILVER

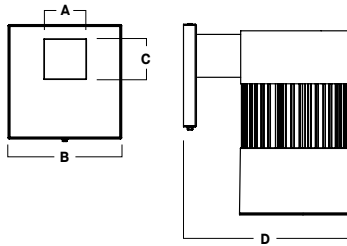


### WALL MOUNT DETAIL

**WM3**  
WALL MOUNT 3" EXTENSION



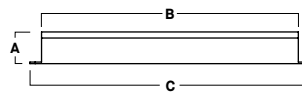
FRONT VIEW      SIDE VIEW



A	B	C	D
1.4	6.4	2.2	9.2
35.6 mm	162.6 mm	55.9 mm	233.7 mm

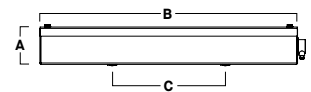
### EMERGENCY BATTERY OPTIONS

**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

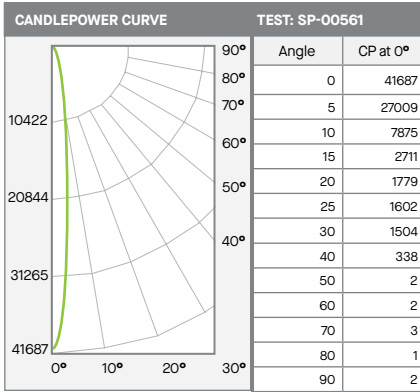
# 6" ROUND DIRECT

## PRO-FORM SERIES / PHOTOMETRIC DATA



### C0612XT-50L-xxK-ND-EX-BB-NL-MW

### 50L NARROW - 83 CRI



ZONAL LUMENS		
0-10	2076	46%
0-20	3072	69%
0-30	3805	85%
0-40	4420	99%
0-60	4470	100%
0-80	4473	100%
0-90	4474	100%
Total Lumens	4475	100%

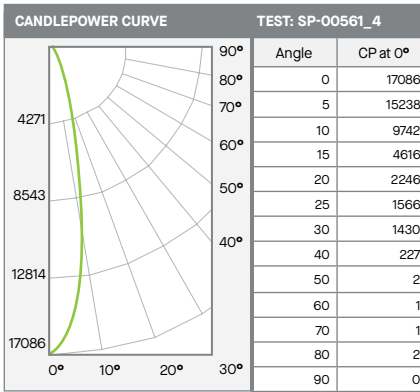
SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	1378	1.2'	681
6.5'	987	1.4'	487
7.5'	741	1.7'	366
8.5'	577	1.9'	285
10.0'	417	2.2'	206
12.0'	289	2.6'	143
14.0'	213	3.1'	105
16.0'	163	3.5'	80

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

Delivered Lumens: 4475    CP @ 0° (Nadir): 41687    Spacing Ratio: 0.24  
 Luminaire Watts: 52    Beam Angle: 12.6°    Output Multipliers: 10L x 0.19, 13L x 0.26, 20L x 0.4, 30L x 0.6, 40L x 0.77  
 LER: 86    CRI: 83

### C0612XT-50L-xxK-MD-EX-BB-NL-MW

### 50L MEDIUM - 83 CRI



ZONAL LUMENS		
0-10	1278	31%
0-20	2680	66%
0-30	3449	85%
0-40	4023	99%
0-60	4054	100%
0-80	4057	100%
0-90	4058	100%
Total Lumens	4058	100%

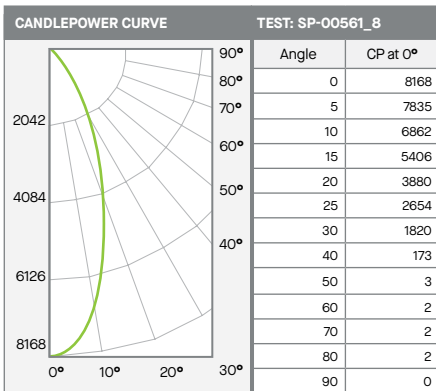
SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	565	2.2'	272
6.5'	404	2.6'	195
7.5'	304	3.0'	146
8.5'	236	3.4'	114
10.0'	171	3.9'	82
12.0'	119	4.7'	57
14.0'	87	5.5'	42
16.0'	67	6.3'	32

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

Delivered Lumens: 4058    CP @ 0° (Nadir): 17086    Spacing Ratio: 0.38  
 Luminaire Watts: 52    Beam Angle: 22.3°    Output Multipliers: 10L x 0.19, 13L x 0.26, 20L x 0.4, 30L x 0.6, 40L x 0.77  
 LER: 78    CRI: 83

### C0612XT-50L-xxK-WD-EX-BB-NL-MW

### 50L WIDE - 83 CRI



ZONAL LUMENS		
0-10	720	18%
0-20	2215	54%
0-30	3456	85%
0-40	4058	99%
0-60	4083	100%
0-80	4086	100%
0-90	4087	100%
Total Lumens	4087	100%

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	270	3.9'	120
6.5'	193	4.6'	86
7.5'	145	5.3'	65
8.5'	113	6.0'	50
10.0'	82	7.0'	36
12.0'	57	8.4'	25
14.0'	42	9.8'	19
16.0'	32	11.2'	14

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

Delivered Lumens: 4087    CP @ 0° (Nadir): 8168    Spacing Ratio: 0.64  
 Luminaire Watts: 52    Beam Angle: 38.7°    Output Multipliers: 10L x 0.19, 13L x 0.26, 20L x 0.4, 30L x 0.6, 40L x 0.77  
 LER: 79    CRI: 80

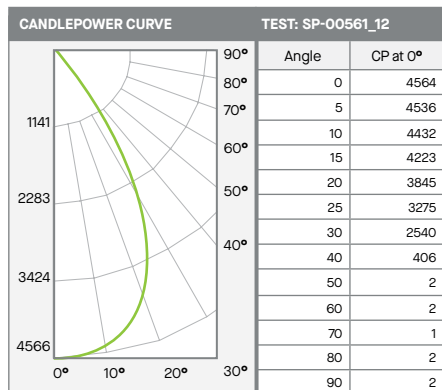
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PRO-FORM SERIES / PHOTOMETRIC DATA



C0612XT-50L-xxK-XW-EX-BB-NL-MW

50L XTRA WIDE - 83 CRI



ZONAL LUMENS		
0-10	432	11%
0-20	1616	40%
0-30	3100	76%
0-40	3996	98%
0-60	4076	100%
0-80	4079	100%
0-90	4080	100%
Total Lumens	4080	100%

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	151	6.6'	55
6.5'	108	7.8'	40
7.5'	81	9.0'	30
8.5'	63	10.2'	23
10.0'	46	12.0'	17
12.0'	32	14.4'	12
14.0'	23	16.8'	9
16.0'	18	19.2'	7

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

Delivered Lumens: 4080  
 Luminaire Watts: 52  
 LER: 78

CP @ 0° (Nadir): 4564  
 Beam Angle: 61.9°  
 CRI: 80

Spacing Ratio: 0.98  
 Output Multipliers: 10L x 0.19, 13L x 0.26, 20L x 0.4, 30L x 0.6, 40L x 0.77