

# 6" ROUND DIRECT PRO-FORM SERIES



## C0612XT - 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 pretreated to resist corrosion.

### ELECTRONICS

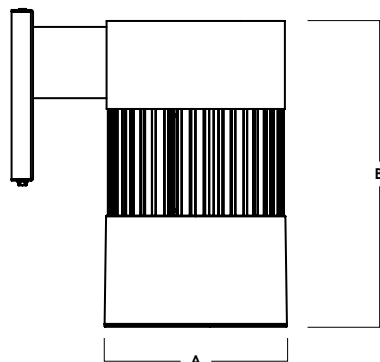
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic 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 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
6.2 157.5 mm	12.1 307.3 mm

Fixture Weight: 12.8 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS <sup>3</sup>	LPW
C0612XT10L	1000	789	9.1	87
C0612XT13L	1300	1063	13.0	82
C0612XT20L	2000	1635	21.7	75
C0612XT30L	3000	2452	32.6	75
C0612XT40L	4000	3147	37.9	83
C0612XT50L	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>	
C0612XT	10L	1000 Lm	83 CRI	XN <sup>4</sup> 12°	EX Electronic Driver, 120V/277V	FM Fuse Holder and Fuse	WM3 Wall Mount 3" Extension	MW <sup>11</sup> Matte White
	13L	1300 Lm	27K 2700K					
	20L	2000 Lm	30K 3000K	MD 22°	DO10X 1%, 10-0V, 120V/277V	BB Black Baffle		PT <sup>11</sup> Platinum Silver
	30L	3000 Lm	35K 3500K	WD 39°	DS2W1 ELV / MLV, 120V			CC Custom Color
	40L	4000 Lm	40K 4000K	XW 62°				
	50L	5000 Lm						
			98 CRI <sup>4</sup>					
			27HK 2700K			NL No Lens	EMR 7W Remote EM	See Page 5 for Full Range of Color Options (83-90095)
			30HK 3000K			GL <sup>7</sup> Clear Glass Lens	EMEN 7W Remote with Enclosure	
			35HK 3500K			SO <sup>8</sup> Micro Prism Solite™ Lens		
			40HK 4000K					

EXAMPLE: C0612XT50L35KNDEX/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 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.

# 6" ROUND DIRECT

PRO-FORM SERIES / FIXTURE OPTIONS



## STANDARD FINISHES

**MW**  
MATTE WHITE



**MB**  
MATTE BLACK

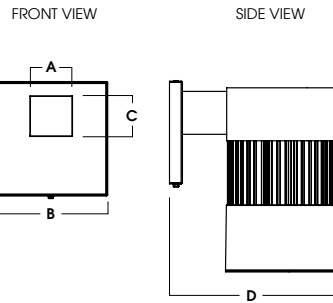
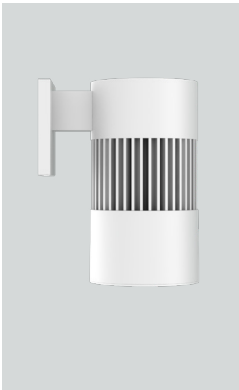


**PT**  
PLATINUM SILVER



## WALL MOUNT DETAIL

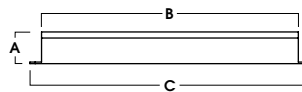
**WM3**  
WALL MOUNT 3" EXTENSION



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

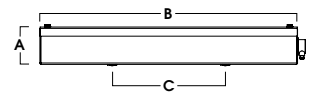
## EMERGENCY BATTERY OPTIONS

**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

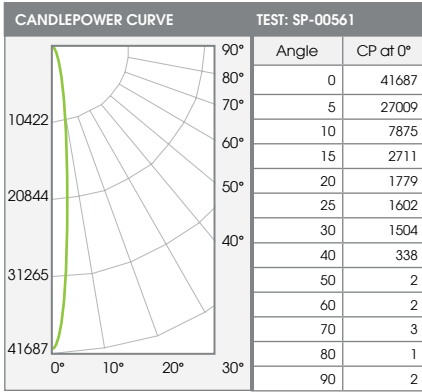
\*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY

# 6" ROUND DIRECT

## PRO-FORM SERIES / PHOTOMETRIC DATA



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



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%

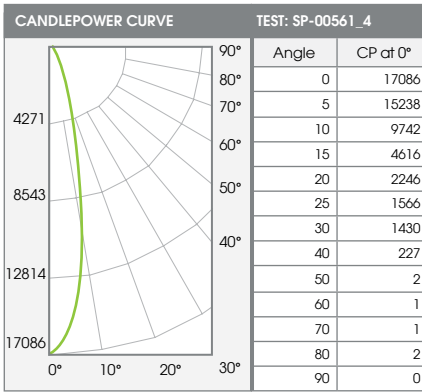
### 50L NARROW - 83 CRI

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	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



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%

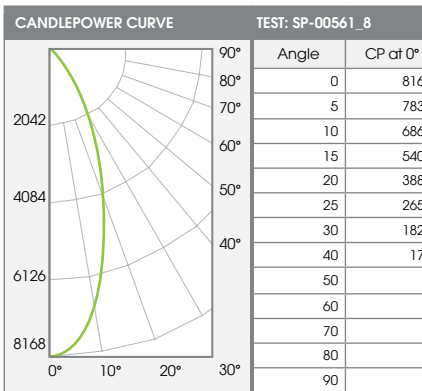
### 50L MEDIUM - 83 CRI

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	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



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%

### 50L WIDE - 83 CRI

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

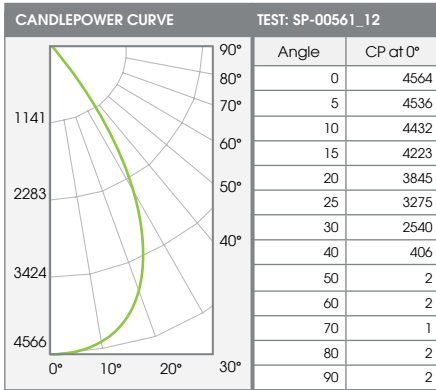
# 6" ROUND DIRECT

## 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

# 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

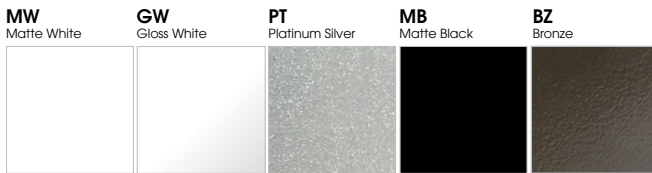
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

## 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