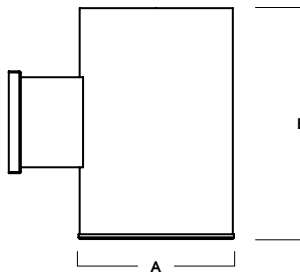


# 8" ROUND DIRECT / INDIRECT FOCUSED ILLUMINATION



SERIES	A	B
C0812UDXT	8.0	12.1
C0816UDXT	8.0	16.1
C0824UDXT	8.0	24.1

Fixture Weight: 25.5 lbs

## C0812UDXT, C0816UDXT, C0824UDXT - WALL MOUNT

### APPLICATION

8" round x 12", 16" or 24" high direct / indirect 8" diameter series cylinder luminaire for accent and general 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. 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. 1 or 2 circuit operation.

### CONSTRUCTION

Fabricated seamless aluminum fixture housing. Silicone gasket seals optical chamber. Specular primary optical reflectors provide high efficiency illumination. Impact resistant tempered glass lenses. Stainless steel hardware with galvanized steel brackets to resist corrosion. Trim formed from .063 thick high purity aluminum and finished to specification.

### CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Wet Location Option. Manufactured and tested to UL standards No. 1598/8750.

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS <sup>3</sup>	LPW
C0824UDXT10Lx2	2000	1497	18.2	82
C0824UDXT13Lx2	2600	2017	26.0	78
C0824UDXT20Lx2	4000	3103	43.4	71

SERIES	UPLIGHT <sup>6</sup>		DOWNLIGHT		CCT		DRIVER / DIMMING <sup>7</sup>		OPTIONS <sup>8</sup>		TRIM		MOUNTING <sup>11</sup>		FINISH <sup>12</sup>					
C0812UDXT <sup>4</sup> 8" x 12" Cylinder	10L 1000 Lm	XN 11°	10L	XN 12°	27K	2700K	EX Electronic Driver, 120V/277V	WL Wet Location	TSG Semi Diffuse Low Iridescent Clear	WM3 Wall Mount 3" Extension	MW <sup>13</sup> Matte White	MB <sup>13</sup> Matte Black	PT <sup>13</sup> Platinum Silver	CC Custom Color						
			ND 23°	ND 22°	30K	3000K											DS10X 10%, 0-10V,	FS Fuse Holder and Fuse	TCY Same Color as Cylinder	WM5 Wall Mount 5" Extension
C0816UDXT <sup>5</sup> 8" x 16" Cylinder	13L 1300 Lm	MD 37°	13L	MD 39°	35K	3500K	DO10X 1%, 0-10V, 120V/277V	CR Corrosion Resistant	TCC Custom Color											
			WD 42°	WD 46°	40K	4000K														
C0824UDXT <sup>6</sup> 8" x 24" Cylinder	20L 2000 Lm	XW 58°	20L	XW 57°	98 CRI		DS2W1 ELV/MLV, 120V	2CIR 2 Circuit		LENS										
					27HK	2700K												EMRM 7W Remote EM	EMEN 7W Remote with Enclosure	See Page 3 for Full Range of Color Options (83-90095)
					30HK	3000K														
					35HK	3500K														
		40HK	4000K																	

**EXAMPLE:** C0824UDXT20LND20LMD35KEX/TSGSO/WM3/MW

**NOTES:**  
 1 Nominal Source Lumens At Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with WD-GL, WD-TSG-SO 3 At 83 CRI 4 98 CRI 13L Max, XN 80 CRI 13L Max, XN 98 CRI 10L Max 5 XN 80 CRI 13L Max, XN 98 CRI 10L Max  
 6 1/4" Clear Glass Only 7 Contact Factory for Additional Options 8 See Product Options Page for Details 9 Standard Lens for All Indirect and Direct: XN, ND 10 Standard Lens for All Direct: MD, WD, XW 11 See Mounting Page for  
 Details on Components and Finishes 12 See Color Page for More Options/Consult Factory for Special Finishes 13 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.

# 8" ROUND DIRECT / INDIRECT

## FOCUSED ILLUMINATION / FIXTURE OPTIONS



### SERIES SIZES

**C0812DXT**

A	B
8.0	12.1
203.2 mm	307.3 mm

**C0816DXT**

A	B
8.0	16.1
203.2 mm	408.9 mm

**C0824DXT**

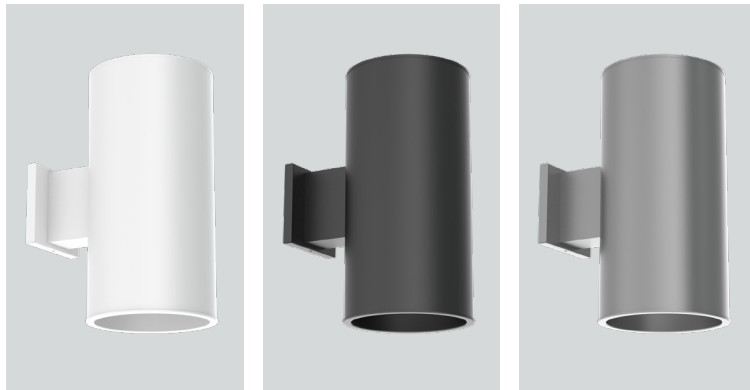
A	B
8.0	24.1
203.2 mm	612.1 mm

### STANDARD FINISHES

**MW**  
MATTE WHITE

**MB**  
MATTE BLACK

**PT**  
PLATINUM SILVER



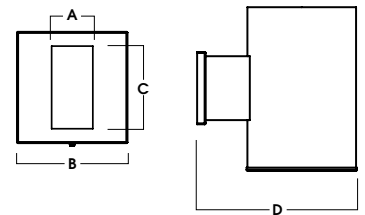
### WALL MOUNT DETAIL

**WM3**  
WALL MOUNT 3" EXTENSION



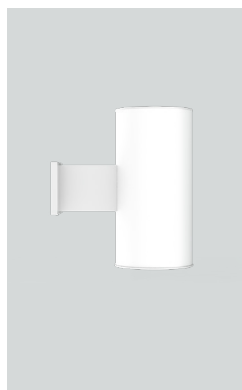
FRONT VIEW

SIDE VIEW



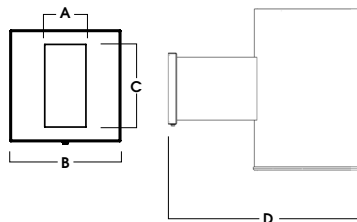
A	B	C	D
2.4	6.4	4.7	11.7
61.0 mm	162.6 mm	119.4 mm	297.2 mm

**WM5**  
WALL MOUNT 5" EXTENSION



FRONT VIEW

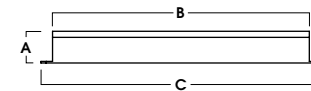
SIDE VIEW



A	B	C	D
2.4	6.4	4.7	14.5
61.0 mm	162.6 mm	119.4 mm	368.3 mm

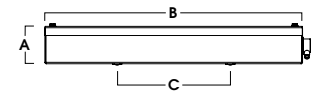
### EMERGENCY BATTERY OPTIONS

**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

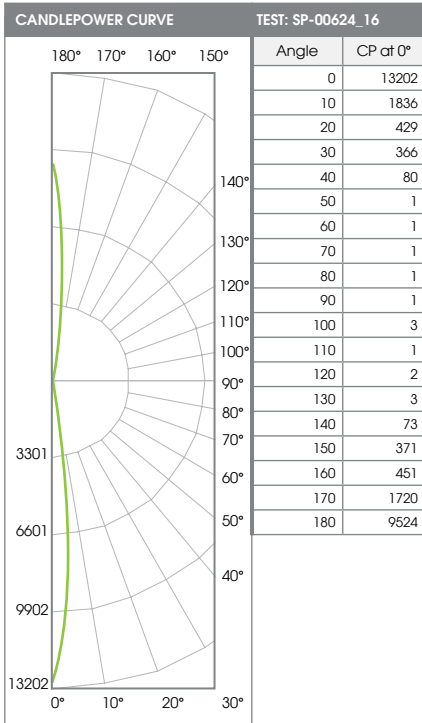
# 8" ROUND DIRECT / INDIRECT

## FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C0824UDXT-13LXNGL-13LXN-xxKEX-TSG-GLxxx

13Lx2 XTRA NARROW - 83 CRI



ZONAL LUMENS		
0-20	807	39%
0-40	1138	55%
0-60	1154	55%
0-90	1157	56%
90-120	8	0%
90-150	170	8%
90-180	924	44%
Total Lumens	2081	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	436	1.1'	216
6.5'	312	1.3'	155
7.5'	235	1.5'	116
8.5'	183	1.7'	90
10.0'	132	2.0'	65
12.0'	92	2.4'	45
14.0'	67	2.8'	33
16.0'	52	3.2'	26

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

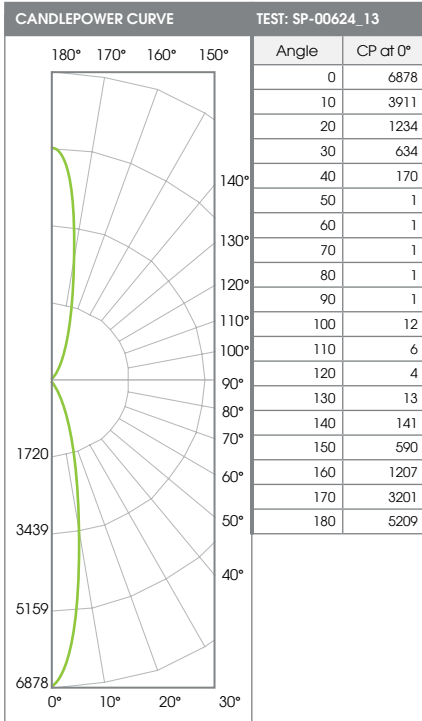
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	825	0.8'	409
5.0'	528	1.0'	261
6.0'	367	1.2'	182
8.0'	206	1.6'	102
10.0'	132	2.0'	65
12.0'	92	2.4'	45
14.0'	67	2.8'	33
16.0'	52	3.2'	26

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

Delivered Lumens: 2081      CP @ 0° (Nadir): 13202      Spacing Ratio: N/A  
 Luminaire Watts: 36.8      Direct Beam Angle: 11.5°      Output Multipliers: 10L x 0.74  
 LER: 57      Indirect Beam Angle: 11.3°  
 CRI: 83

C0824UDXT-20LNDGL-20LND-xxKEX-TSG-GLxxx

20Lx2 NARROW - 83 CRI



ZONAL LUMENS		
0-20	1135	33%
0-40	1802	53%
0-60	1844	54%
0-90	1847	54%
90-120	30	1%
90-150	280	8%
90-180	1568	46%
Total Lumens	3414	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	227	2.0'	110
6.5'	163	2.4'	79
7.5'	122	2.8'	59
8.5'	95	3.1'	46
10.0'	69	3.7'	33
12.0'	48	4.4'	23
14.0'	35	5.2'	17
16.0'	27	5.9'	13

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

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	430	1.6'	206
5.0'	275	2.0'	132
6.0'	191	2.5'	92
8.0'	107	3.3'	52
10.0'	69	4.1'	33
12.0'	48	4.9'	23
14.0'	35	5.7'	17
16.0'	27	6.5'	13

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

Delivered Lumens: 3414      CP @ 0° (Nadir): 6878      Spacing Ratio: N/A  
 Luminaire Watts: 43.4      Direct Beam Angle: 20.9°      Output Multipliers: 10L x 0.48, 13L x 0.65  
 LER: 79      Indirect Beam Angle: 23.1°  
 CRI: 83

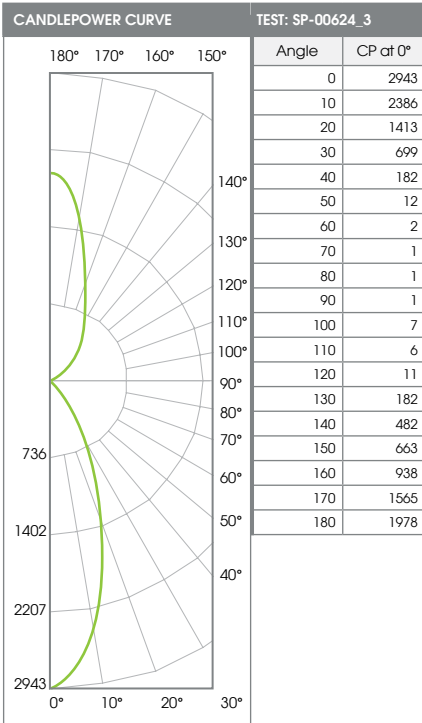
# 8" ROUND DIRECT / INDIRECT

## FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C0824UDXT-20LMDGL-20LMD-xxKEX-TSG-SOxxx

20Lx2 MEDIUM - 83 CRI



ZONAL LUMENS		
0-20	773	25%
0-40	1503	48%
0-60	1564	50%
0-90	1567	51%
90-120	18	1%
90-150	675	22%
90-180	1534	49%
Total Lumens	3101	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	97	4.0'	43
6.5'	70	4.7'	31
7.5'	52	5.4'	23
8.5'	41	6.1'	18
10.0'	29	7.2'	13
12.0'	20	8.6'	9
14.0'	15	10.1'	7
16.0'	11	11.5'	5

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	184	2.6'	83
5.0'	118	3.3'	53
6.0'	82	4.0'	37
8.0'	46	5.3'	21
10.0'	29	6.6'	13
12.0'	20	7.9'	9
14.0'	15	9.3'	7
16.0'	11	10.6'	5

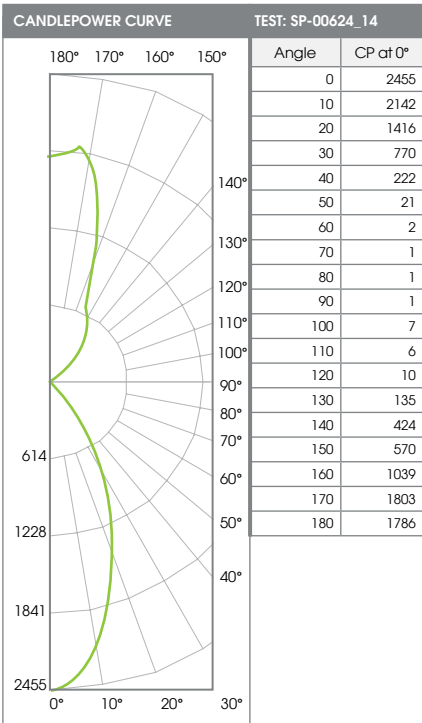
Delivered Lumens: 3101  
Luminaire Watts: 4.34  
LER: 71

CP @ 0° (Nadir): 2943  
Direct Beam Angle: 39.6°  
Indirect Beam Angle: 36.6°  
CRI: 83

Spacing Ratio: N/A  
Output Multipliers: 10L x 0.48, 13L x 0.65

C0824UDXT-20LWDGL-20LWD-xxKEX-TSG-SOxxx

20Lx2 WIDE - 83 CRI



ZONAL LUMENS		
0-20	712	23%
0-40	1501	48%
0-60	1578	51%
0-90	1581	51%
90-120	18	1%
90-150	599	19%
90-180	1522	49%
Total Lumens	3103	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	81	4.7'	34
6.5'	58	5.5'	25
7.5'	44	6.4'	18
8.5'	34	7.2'	14
10.0'	25	8.5'	10
12.0'	17	10.2'	7
14.0'	13	11.9'	5
16.0'	10	13.6'	4

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	153	3.1'	67
5.0'	98	3.8'	43
6.0'	68	4.6'	30
8.0'	38	6.2'	17
10.0'	25	7.7'	11
12.0'	17	9.2'	7
14.0'	13	10.8'	5
16.0'	10	12.3'	4

Delivered Lumens: 3103  
Luminaire Watts: 43.4  
LER: 71

CP @ 0° (Nadir): 2455  
Direct Beam Angle: 46.0°  
Indirect Beam Angle: 42.1°  
CRI: 83

Spacing Ratio: N/A  
Output Multipliers: 10L x 0.48, 13L x 0.65

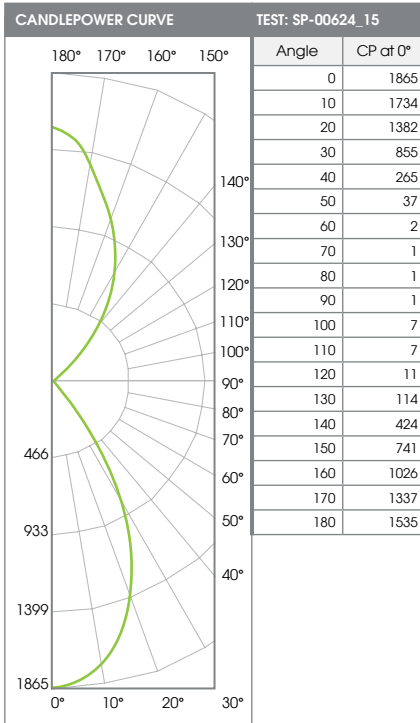
# 8" ROUND DIRECT / INDIRECT

## FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C0824UDXT-20LXWGL-20LXW-xxKEX-TSG-Soxxx

20Lx2 XTRA NARROW - 83 CRI



Angle Range	Lumens	%
0-20	611	20%
0-40	1483	48%
0-60	1594	52%
0-90	1597	52%
90-120	19	1%
90-150	612	20%
90-180	1479	48%
Total Lumens	3076	100%

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	62	6.2'	23
6.5'	44	7.3'	17
7.5'	33	8.4'	13
8.5'	26	9.6'	10
10.0'	19	11.2'	7
12.0'	13	13.5'	5
14.0'	10	15.7'	4
16.0'	7	18.0'	3

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	117	4.4'	45
5.0'	75	5.6'	29
6.0'	52	6.7'	20
8.0'	29	8.9'	11
10.0'	19	11.1'	7
12.0'	13	13.3'	5
14.0'	10	15.6'	4
16.0'	7	17.8'	3

Delivered Lumens: 3076  
Luminaire Watts: 43.4  
LER: 71

CP @ 0° (Nadir): 1865  
Direct Beam Angle: 58.7°  
Indirect Beam Angle: 58.1°  
CRI: 83

Spacing Ratio: N/A  
Output Multipliers: 10L x 0.48, 13L x 0.65

# 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

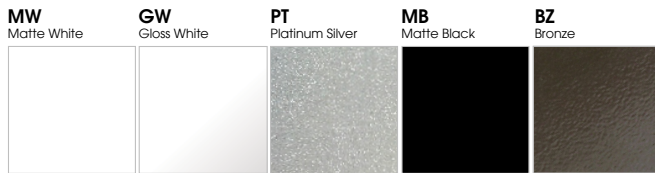
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

## PAINT TIMES

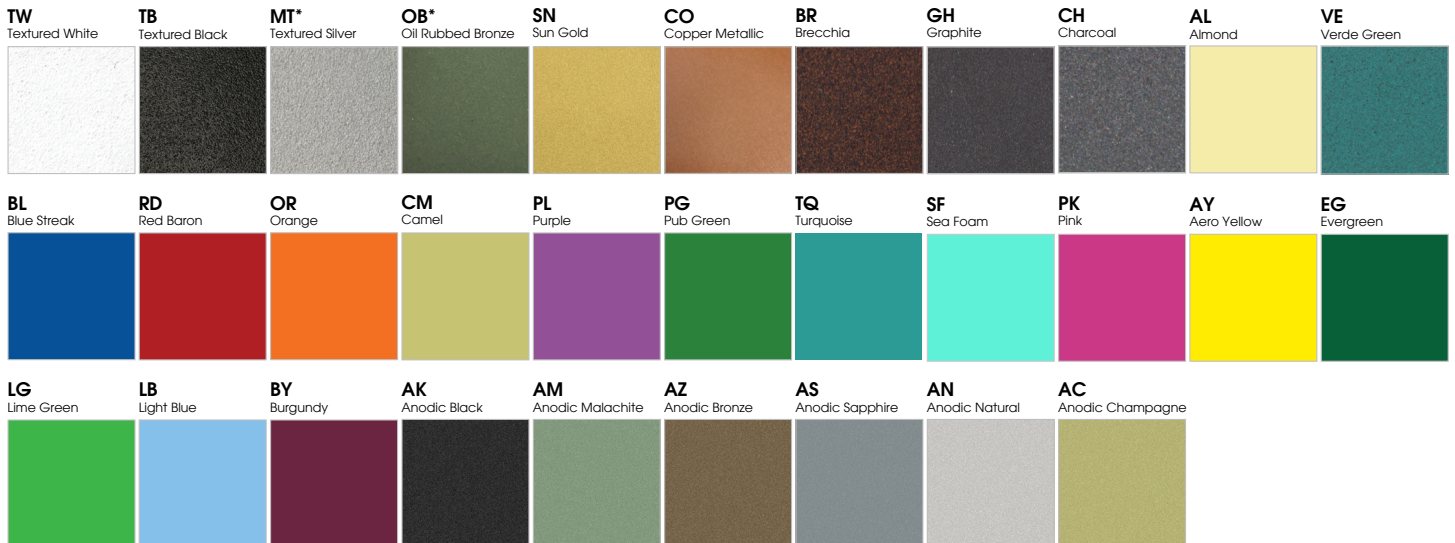
TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⌚
Tier 2 - Typical Finishes	\$\$	⌚⌚
Custom Color	Contact Factory	Contact Factory

\*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