

# 3" ROUND DIRECT / INDIRECT PICO SERIES



## CO310UDXT - 2 CABLE MOUNT WITH CORD

### APPLICATION

3" round x 10" high mini cylinder luminaire for direct / indirect 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 pre-treated to resist corrosion.

### ELECTRONICS

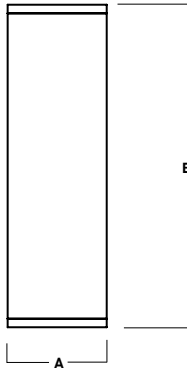
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic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

### 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
3.3 83.8 mm	10.6 269.2 mm

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS	LPW
CO310UDXT7L	1400	859	12	69
CO310UDXT10L	2000	1227	18	67

SERIES	LUMENS <sup>1/3</sup>	CCT	OPTICS		DRIVER / DIMMING <sup>5</sup>		LENS	MOUNTING <sup>8</sup>	FINISH <sup>10</sup>		
CO310UDXT	7L 700 Lm	83 CRI	UPLIGHT <sup>1</sup>		DOWNLIGHT		DOWNLIGHT	CD2x3R <sup>9</sup>	2 Cable Mount with Cord	MW <sup>11</sup> Matte White MB <sup>11</sup> Matte Black PT <sup>11</sup> Platinum Silver CC Custom Color	
			27K 2700K	ND 22°	ND 30°	EX Electronic Driver, 120V/277V					NL No Lens
	10L 1000 Lm	98 CRI	30K 3000K	MD 40°	MD 33°	DS10X 10%, 0-10V, 120V/277V	GL <sup>5</sup> Clear Glass Lens	EMCR 10W Canopy Mounted EM			
			35K 3500K	WD 44°	WD 38°		DS2W1 ELV/MLV 120V		SO <sup>7</sup> Micro Prism Solite™ Lens	EMRM 7W Remote EM	
	27HK 2700K 30HK 3000K 35HK 3500K 40HK 4000K	EMEN 7W Remote with Enclosure	EMERGENCY BATTERY OPTIONS								

**EXAMPLE:** CO310UDXT10L35KMDWDEX/SO/CD2x3R36/MW

**NOTES:**

1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with MD-GL, MD-SO 3 Uplight & Downlight Use The Same Lumen Output 4 1/4" Clear Glass Only 5 Contact Factory for Additional Options  
6 Standard Lens for ND 7 Standard Lens for MD, WD 8 See Mounting Page for Details on Components and Finishes 9 Specify Length in Inches: See Mounting Page for Available Lengths 10 Reference Color Sheet Located on Product Webpage for Full List of Available Colors/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.

# 3" ROUND DIRECT / INDIRECT

## PICO SERIES / FIXTURE OPTIONS



### STANDARD FINISHES

**MW**  
MATTE WHITE



**MB**  
MATTE BLACK

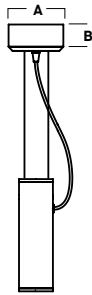


**PT**  
PLATINUM SILVER



### MOUNTING TYPES

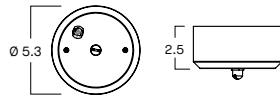
**CD2×3R**  
2 CABLE MOUNT WITH CORD



A	B
5.3	2.5
134.6 mm	63.5 mm

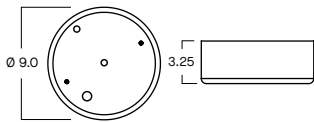
### DRIVER CANOPY OPTIONS

**CD2×3R - SMALL DRIVER CANOPY (STANDARD)**



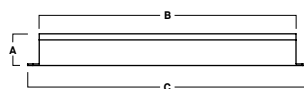
### EMERGENCY BATTERY OPTIONS

**EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY**



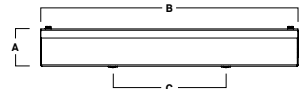
### REMOTE EMERGENCY BATTERY OPTIONS

**EMRM\* - 7W REMOTE EMERGENCY BATTERY (50' MAX)**



A	B	C
1.3	12.6	13.0

**EMEN\* - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (60' MAX)**



A	B	C
2.0	17.0	6.2

\*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY

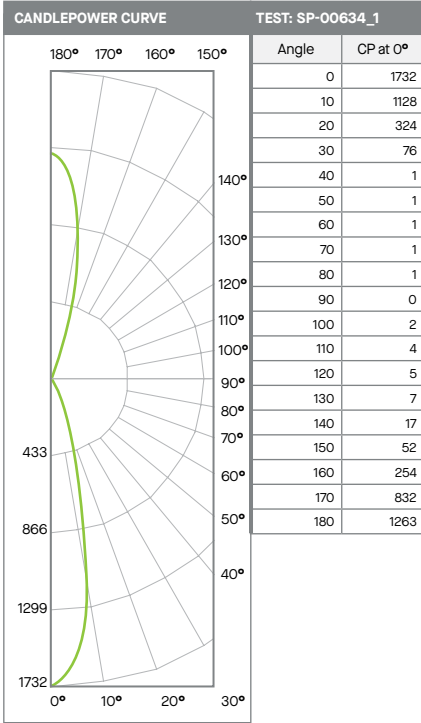
# 3" ROUND DIRECT / INDIRECT

## PICO SERIES / PHOTOMETRIC DATA



### CO310UDXT-10LNDGL-10LND-xxKEX-GLxxMW

### 10Lx2 NARROW - 83 CRI



ZONAL LUMENS		
0-20	308	29%
0-40	413	39%
0-60	414	40%
0-90	417	40%
90-120	9	1%
90-150	38	4%
90-180	315	30%
<b>Total Lumens</b>	<b>1045</b>	<b>100%</b>

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	57	2.4'	27
6.5'	41	2.8'	20
7.5'	31	3.3'	15
8.5'	24	3.7'	11
10.0'	17	4.3'	8
12.0'	12	5.2'	6
14.0'	9	6.1'	4
16.0'	7	6.9'	3

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	108	1.4'	52
5.0'	69	1.8'	34
6.0'	48	2.1'	23
8.0'	27	2.8'	13
10.0'	17	3.5'	8
12.0'	12	4.2'	6
14.0'	9	4.9'	4
16.0'	7	5.6'	3

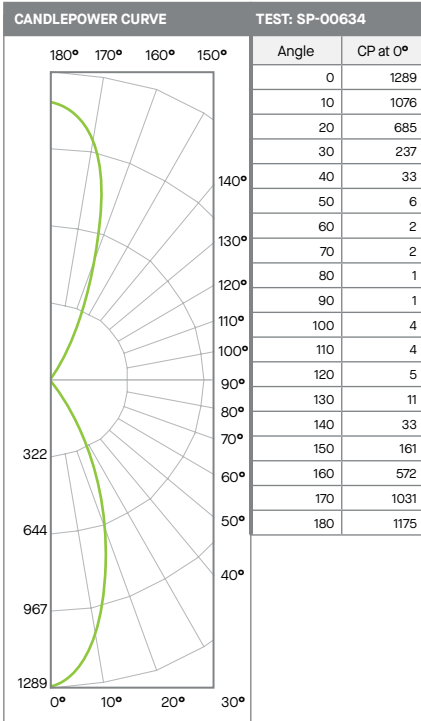
Delivered Lumens: 1045  
Luminaire Watts: 18.2  
LER: 57

CP @ 0° (Nadir): 1732  
Direct Beam Angle: 24.5°  
Indirect Beam Angle: 20.0°  
CRI: 83

Spacing Ratio: N/A  
Output Multipliers: 7L x 0.75

### CO310UDXT-10LMDGL-10LMD-xxKEX-SOxxMW

### 10Lx2 MEDIUM - 83 CRI



ZONAL LUMENS		
0-20	364	30%
0-40	654	53%
0-60	669	55%
0-90	675	55%
90-120	12	1%
90-150	78	6%
90-180	553	45%
<b>Total Lumens</b>	<b>1227</b>	<b>100%</b>

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	43	4.2'	19
6.5'	31	5.0'	13
7.5'	23	5.7'	10
8.5'	18	6.5'	8
10.0'	13	7.6'	6
12.0'	9	9.1'	4
14.0'	7	10.7'	3
16.0'	5	12.2'	2

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	81	2.9'	36
5.0'	52	3.6'	23
6.0'	36	4.3'	16
8.0'	20	5.8'	9
10.0'	13	7.2'	6
12.0'	9	8.7'	4
14.0'	7	10.1'	3
16.0'	5	11.6'	2

Delivered Lumens: 1227  
Luminaire Watts: 18.2  
LER: 67

CP @ 0° (Nadir): 1289  
Direct Beam Angle: 41.7°  
Indirect Beam Angle: 39.8°  
CRI: 83

Spacing Ratio: N/A  
Output Multipliers: 7L x 0.75

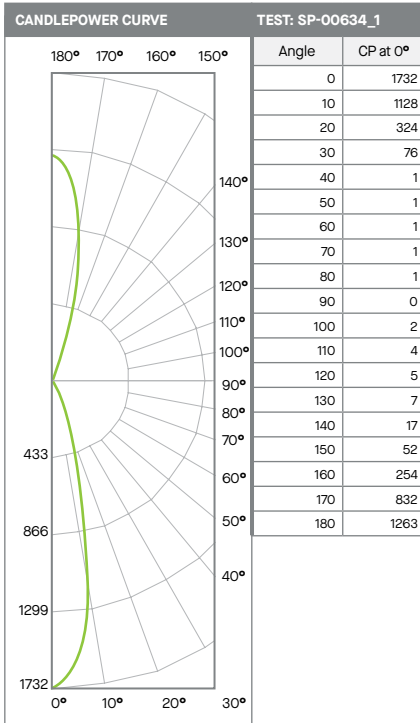
# 3" ROUND DIRECT / INDIRECT

## PICO SERIES / PHOTOMETRIC DATA



CO310UDXT-10LWDGL-10LWD-xxKEX-SOxxMW

10Lx2 WIDE - 83 CRI



ZONAL LUMENS		
0-20	308	29%
0-40	413	39%
0-60	414	40%
0-90	417	40%
90-120	9	1%
90-150	38	4%
90-180	315	30%
Total Lumens	1045	100%

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	57	2.4'	27
6.5'	41	2.8'	20
7.5'	31	3.3'	15
8.5'	24	3.7'	11
10.0'	17	4.3'	8
12.0'	12	5.2'	6
14.0'	9	6.1'	4
16.0'	7	6.9'	3

\* 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 Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	108	1.4'	52
5.0'	69	1.8'	34
6.0'	48	2.1'	23
8.0'	27	2.8'	13
10.0'	17	3.5'	8
12.0'	12	4.2'	6
14.0'	9	4.9'	4
16.0'	7	5.6'	3

\* From top of fixture to horizontal surface above.  
\*\* At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 1045  
Luminaire Watts: 18.2  
LER: 57

CP @ 0° (Nadir): 1732  
Direct Beam Angle: 24.5°  
Indirect Beam Angle: 20.0°  
CRI: 83

Spacing Ratio: N/A  
Output Multipliers: 7L x 0.75