



## 4" SQUARE DIRECT PICO SERIES



### C0455SQXT - CEILING MOUNT

#### APPLICATION

4" square x 5" high cylinder luminaire designed for 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. Integral LED driver. Quick change LED module 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. Cylinder housing and trim are same finish.

#### ELECTRONICS

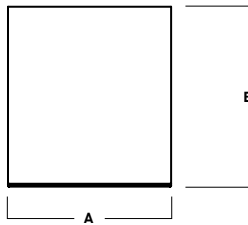
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic 120V/277V and dimming drivers.

#### CONSTRUCTION

Fixtures are machined in our factory from 6063-H32 high purity aluminum extrusions. Specular primary optical reflectors provide high efficiency illumination. Stainless steel hardware with galvanized steel 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
4.5 114.3 mm	5.0 127.0 mm

Fixture Weight: 5.5 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS <sup>3</sup>	LPW
C0455SQXT7L	700	526	6.2	85
C0455SQXT10L	1000	702	9.1	77

SERIES	LUMENS <sup>1</sup>	CCT	OPTICS	DRIVER / VOLTAGE <sup>4</sup>	OPTIONS <sup>7</sup>	MOUNTING <sup>9</sup>	FINISH <sup>12</sup>
C0455SQXT	7L 700 Lm 10L 1000 Lm	83 CRI	XW 83°	EX Electronic Driver, 120V/277V DS10X 10%, 0-10V, 120V/277V DS2W1 ELV/MLV, 120V DMXS <sup>5/6</sup> DMX Standard Configuration DMXC <sup>5/6</sup> DMX Non-Standard Custom	FS Fuse Holder and Fuse CR Corrosion Resistant	HM <sup>10</sup> Hang Straight PM <sup>10</sup> Rigid Pendant Mount AT <sup>10</sup> Hang Straight All Thread CD <sup>10/11</sup> Cord / Cable Mount CM <sup>10/11</sup> Cord Mount SM Surface Mount CGD <sup>6</sup> DMX Large Driver Canopy	MW <sup>13</sup> Matte White MB <sup>13</sup> Matte Black PT <sup>13</sup> Platinum Silver CC Custom Color
		98 CRI					
		27HK 2700K 30HK 3000K 35HK 3500K 40HK 4000K					
		EMERGENCY BATTERY OPTIONS					
					SO <sup>6</sup> Micro Prism Solite™ Lens GL Clear Glass Lens FG Frosted Glass Lens	EMRM 7W Remote EM EMEN 7W Remote with Enclosure	

**EXAMPLE:** C0455SQXT10L35KXWEX/SO/SM/MW

**NOTES:**  
 1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with SO 3 At 83 CRI 4 Contact Factory for Additional Options 5 Contact Factory 6 CGD Required for DMXS/C 7 See Product Options Page for Details 8 Standard Lens for 83° Beam 9 See Mounting Page for Details on Components and Finishes 10 Specify Length in Inches: See Mounting Page for Available Lengths 11 EMxxxx Option Requires 2 Cords 12 Reference Color Sheet Located on Product Webpage for Full List of Available Colors/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.

# 4" SQUARE DIRECT

PICO SERIES / FIXTURE OPTIONS



## STANDARD FINISHES

**MW**  
MATTE WHITE



**MB**  
MATTE BLACK

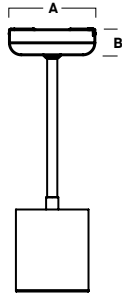
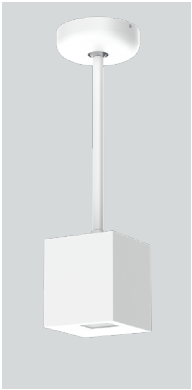


**PT**  
PLATINUM SILVER



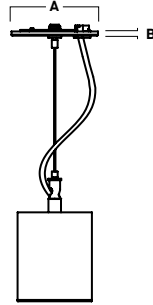
## MOUNTING TYPES

**HM / PM / AT**  
HANG STRAIGHT / PENDANT / ALL THREAD



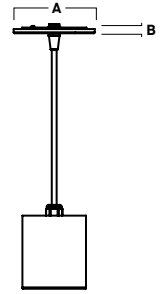
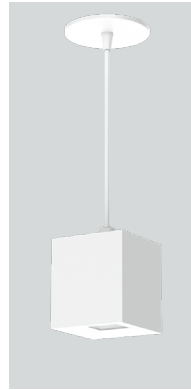
A	B
5.0	1.5
127.0 mm	38.1 mm

**CD**  
CORD / CABLE MOUNT



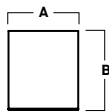
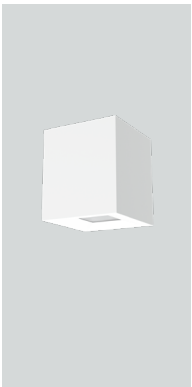
A	B
5.0	.25
127.0 mm	6.4 mm

**CM**  
CORD MOUNT



A	B
5.0	.25
127.0 mm	6.4 mm

**SM**  
SURFACE MOUNT



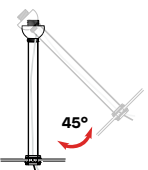
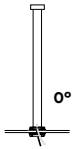
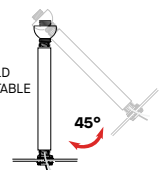
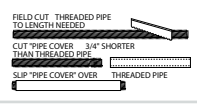
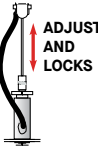

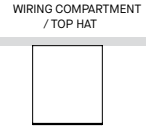
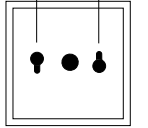
A	B
4.5	5.0
114.3 mm	127.0 mm

# STANDARD MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES, CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.  
NOTE: THIS IS TYPICAL OF CYLINDERS SPECIFICATION FOR PENDANT MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.



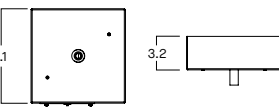
## MOUNTING TYPES

<p><b>HM*</b> HANG STRAIGHT 45° SWIVEL 5/8" OD STEM - 3/8" IP</p>  <p>ORDER: <b>HM</b> (Length) SPECIFY LENGTH: <b>HM3</b> - 3"    <b>HM24</b> - 24" <b>HM6</b> - 6"    <b>HM36</b> - 36" <b>HM12</b> - 12"    <b>HM48</b> - 48" <b>HM18</b> - 18"    <b>HM72</b> - 72" <b>HMLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>PM*</b> RIGID PENDANT MOUNT RIGID 5/8" OD STEM - 3/8" IP</p>  <p>ORDER: <b>PM</b> (Length) SPECIFY LENGTH: <b>PM3</b> - 3"    <b>PM24</b> - 24" <b>PM6</b> - 6"    <b>PM36</b> - 36" <b>PM12</b> - 12"    <b>PM48</b> - 48" <b>PM18</b> - 18"    <b>PM72</b> - 72" <b>PMLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>AT**</b> HANG STRAIGHT ALL THREAD 45° SWIVEL 5/8" OD STEM - 1/4" IP</p>  <p>ORDER: <b>AT</b> (Length) SPECIFY LENGTH: <b>AT12</b> - 12" <b>AT24</b> - 24" <b>AT36</b> - 36"</p> 	<p><b>CD</b> CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE</p>  <p>ORDER: <b>CD</b> (Length) SPECIFY LENGTH: <b>CD36</b> - 36" <b>CD72</b> - 72" <b>CD144</b> - 144" <b>CDLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>CM</b> CORD MOUNT SJ CORD WITH STRAIN RELIEF</p>  <p>ORDER: <b>CM</b> (Length) SPECIFY LENGTH: <b>CM36</b> - 36" <b>CM72</b> - 72" <b>CM144</b> - 144" <b>CMLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>SM</b> SURFACE MOUNT WIRING COMPARTMENT / TOP HAT</p>  <p>ORDER: <b>SM</b> TOP VIEW CANOPY 2.0</p>  <p>KEY SLOTS MOUNT CANOPY TO WALL JUNCTION BOX. JUNCTION BOX IS COVERED.</p>
--	---	--	---	---	--

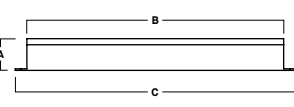
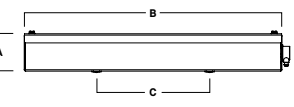
\*MAXIMUM ONE PIECE STEM LENGTH IS 72". \*\*MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

## DMX OPTION

**CQD** - LARGE DRIVER CANOPY FOR DMX OPTIONS



## REMOTE EMERGENCY BATTERY OPTIONS

<p><b>EMRM*</b> - 7W REMOTE EMERGENCY BATTERY (50' MAX)</p>  <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>1.3</td> <td>12.6</td> <td>13.0</td> </tr> </tbody> </table>	A	B	C	1.3	12.6	13.0	<p><b>EMEN*</b> - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (50' MAX)</p>  <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>2.0</td> <td>17.0</td> <td>6.2</td> </tr> </tbody> </table>	A	B	C	2.0	17.0	6.2
A	B	C											
1.3	12.6	13.0											
A	B	C											
2.0	17.0	6.2											

\*OTHER EM BATTERY SIZES AVAILABLE, CONSULT FACTORY

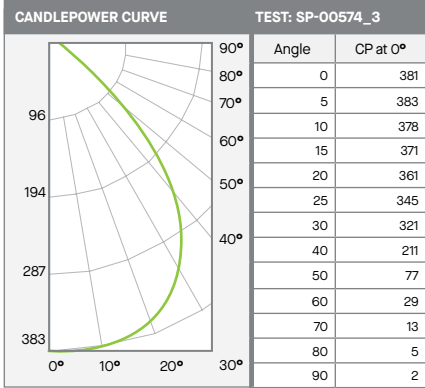
# 4" SQUARE DIRECT

PICO SERIES / PHOTOMETRIC DATA



C0455SQXT-10LxxK-XWEX-SOxxMW

10L XTRA WIDE - 83 CRI



Distance	Lumens	%
0-10	36	5%
0-20	141	20%
0-30	300	43%
0-40	480	68%
0-60	667	95%
0-80	699	100%
0-90	702	100%
Total Lumens	702	100%

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	13	9.7'	4
6.5'	9	11.4'	3
7.5'	7	13.2'	2
8.5'	5	15.0'	1
10.0'	4	17.6'	1
12.0'	3	21.1'	1
14.0'	2	24.6'	1
16.0'	1	28.2'	0

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

Delivered Lumens: 702      CP @ 0° (Nadir): 381      Spacing Ratio: 1.24  
 Luminaire Watts: 9.1      Beam Angle: 82.7°      Output Multipliers: 7L x 0.75  
 LER: 77      CRI: 83