



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 pretreated to resist corrosion. Cylinder housing and trim are same finish.

ELECTRONICS

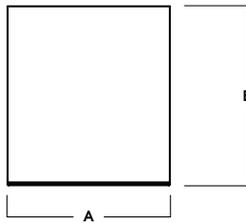
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic 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 ¹	DELIVERED LUMENS ²	SYSTEM WATTS ³	LPW
C0455SQXT7L	700	526	6.2	85
C0455SQXT10L	1000	702	9.1	77

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / VOLTAGE ⁴	OPTIONS ⁷	MOUNTING ⁹	FINISH ¹²
C0455SQXT	7L 700 Lm	83 CRI	XW 83°	EX Electronic Driver, 120V/277V DS10X 10%, 0-10V, 120V/277V DS2W1 ELV/MLV, 120V DMXS^{5/6} DMX Standard Configuration DMXC^{5/6} DMX Non-Standard Custom	FS Fuse Holder and Fuse CR Corrosion Resistant	HM¹⁰ Hang Straight PM¹⁰ Rigid Pendant Mount AT¹⁰ Hang Straight All Thread CD^{10/11} Cord / Cable Mount CM^{10/11} Cord Mount SM Surface Mount CQD⁶ DMX Large Driver Canopy	MW¹³ Matte White MB¹³ Matte Black PT¹³ Platinum Silver CC Custom Color
	10L 1000 Lm	27K 2700K 30K 3000K 35K 3500K 40K 4000K 98 CRI 27HK 2700K 30HK 3000K 35HK 3500K 40HK 4000K					

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 CQD 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 EMxxx Option Requires 2 Cords 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.

4" SQUARE DIRECT

PICO SERIES / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

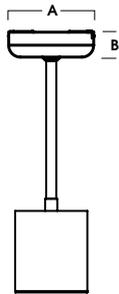


PT
PLATINUM SILVER



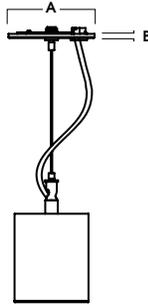
MOUNTING TYPES

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



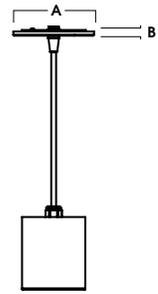
A	B
5.0	1.5
127.0 mm	38.1 mm

CD
CORD / CABLE MOUNT



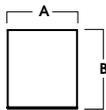
A	B
5.0	.25
127.0 mm	6.4 mm

CM
CORD MOUNT



A	B
5.0	.25
127.0 mm	6.4 mm

SM
SURFACE MOUNT



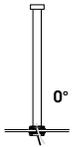
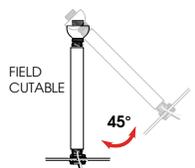
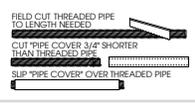
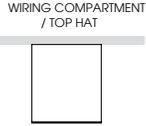
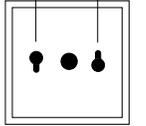
A	B
4.5	5.0
114.3 mm	127.0 mm

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.



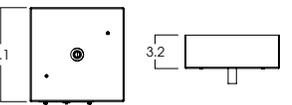
MOUNTING TYPES

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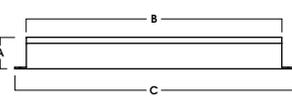
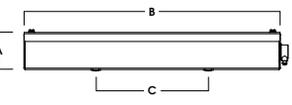
*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

DMX OPTION

CQD - LARGE DRIVER CANOPY FOR DMX OPTIONS



REMOTE EMERGENCY BATTERY OPTIONS

<p>EMRM* - 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>EMEN* - 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

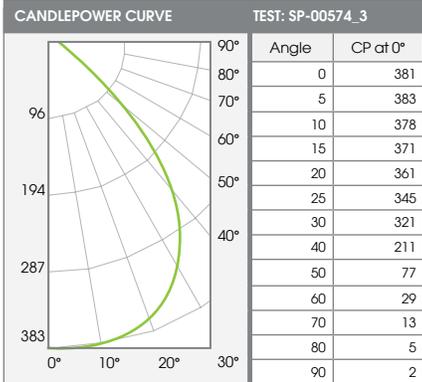
4" SQUARE DIRECT

PICO SERIES / PHOTOMETRIC DATA



C0455SQXT-10LxxK-XWEX-SOxxMW

10L XTRA WIDE - 83 CRI



Angle	CP at 0°
0	381
5	383
10	378
15	371
20	361
25	345
30	321
40	211
50	77
60	29
70	13
80	5
90	2

Zone	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
Luminaire Watts: 9.1
LER: 77

CP @ 0° (Nadir): 381
Beam Angle: 82.7°
CRI: 83

Spacing Ratio: 1.24
Output Multipliers: 7L x 0.75

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