4" ROUND DIRECT
PICO SERIES

cylinders

C0455XT - CEILING MOUNT

APPLICATION
4" round 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.

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. Silicone gasket seals optical chamber. 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	5.2
114.3 mm	132.1 mm

Fixture Weight: 3.8 lbs

LUMENS / WATTAGE DATA

PART NUMBER	SOURCE LUMENS[1]	DELIVERED LUMENS[2]	SYSTEM WATTS[3]	LPW
C0455XT7L	700	580	6.2	94
C0455XT10L	1000	773	9.1	85

SERIES	LUMENS[1]		CCT		OPTICS		DRIVER / VOLTAGE[4]		OPTIONS[7]		MOUNTING[9]		FINISH[12]	
C0455XT	7L	700 Lm	83 CRI		XW	95°	EX	Electronic Driver, 120V/277V	FS	Fuse Holder and Fuse	HM[10]	Hang Straight Mounting	MW[13]	Matte White
	10L	1000 Lm	27K	2700K			DS10X	10%, 0-10V, 120V/277V	CR	Corrosion Resistant	PM[10]	Pendant Mount	MB[13]	Matte Black
			30K	3000K			DS2W1	ELV/MLV, 120V			AT[10]	Hang Straight All Thread	PT[13]	Platinum Silver
			35K	3500K			DMXS[5/6]	DMX Standard Configuration			CD[10/11]	Aircraft Cable and Cord	CC	Custom Color
			40K	4000K			DMXC[5/6]	DMX Non-Standard Custom			CM[10/11]	Cord Mount		
											SM	Surface Mount		
											CQD[6]	DMX Large Driver Canopy		
			98 CRI						LENS		EMERGENCY BATTERY OPTIONS		See Page 5 for Full Range of Color Options (83-90095)	
			27HK	2700K					SO[8]	Micro Prism Solite™ Lens	EMRM	7W Remote EM		
			30HK	3000K					GL	Clear Glass Lens	EMEN	7W Remote with Enclosure		
									FG	Frosted Glass Lens				

EXAMPLE: C0455XT10L35KXWEX/SO/HM36/MW

NOTES:
1 Nominal Source Lumens at Any CCT **2** Nominal Delivered Lumens at 83 CRI at Any CCT with XW-SO-MW **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 95° 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** See Color Page for More Options/Consult Factory for Special Finishes **13** Standard Finishes

SPECTRUM LIGHTING INC.

PROJECT:

TYPE:

ETL INTERTEK LISTED · 5 YEAR WARRANTY · MADE IN THE USA

4" ROUND DIRECT

PICO SERIES / FIXTURE OPTIONS

cylinders

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

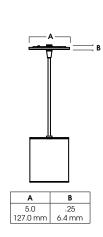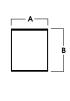| A	B
4.5	5.2
114.3 mm	132.1 mm

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.
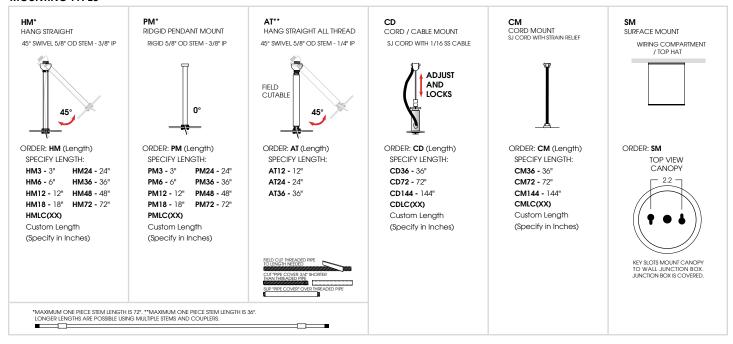
cylinders

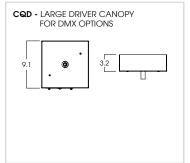45° SWIVEL 5/8" OD STEM - 3/8" IP   45° SWIVEL 5/8" OD STEM - 1/4" IP   RIGID 5/8" OD STEM - 3/8" IP

MOUNTING TYPES

HM*
HANG STRAIGHT
45° SWIVEL 5/8" OD STEM - 3/8" IP

45°

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)

PM*
RIDGID PENDANT MOUNT
RIGID 5/8" OD STEM - 3/8" IP

0°

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)

AT**
HANG STRAIGHT ALL THREAD
45° SWIVEL 5/8" OD STEM - 1/4" IP

FIELD
CUTABLE

45°

ORDER: **AT** (Length)
SPECIFY LENGTH:

AT12 - 12"
AT24 - 24"
AT36 - 36"

FIELD CUT THREADED PIPE
TO LENGTH NEEDED

CUT "PIPE COVER" 3/4" SHORTER
THAN THREADED PIPE

SLIP "PIPE COVER" OVER THREADED PIPE

CD
CORD / CABLE MOUNT
SJ CORD WITH 1/16 SS CABLE

ADJUST AND LOCKS

ORDER: **CD** (Length)
SPECIFY LENGTH:

CD36 - 36"
CD72 - 72"
CD144 - 144"
CDLC(XX)
Custom Length
(Specify in Inches)

CM
CORD MOUNT
SJ CORD WITH STRAIN RELIEF

ORDER: **CM** (Length)
SPECIFY LENGTH:

CM36 - 36"
CM72 - 72"
CM144 - 144"
CMLC(XX)
Custom Length
(Specify in Inches)

SM
SURFACE MOUNT

WIRING COMPARTMENT / TOP HAT

ORDER: **SM**

TOP VIEW
CANOPY

2.2

KEY SLOTS MOUNT CANOPY
TO WALL JUNCTION BOX.
JUNCTION BOX IS COVERED.

*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

9.1   3.2

REMOTE EMERGENCY BATTERY OPTIONS

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

B
A
C

A	B	C
1.3	12.6	13.0

EMEN* - 7W REMOTE EMERGENCY BATTERY
WITH ENCLOSURE (50' MAX)

B
A
C

A	B	C
2.0	17.0	6.2

*OTHER EM BATTERY SIZES AVAILABLE, CONSULT FACTORY

SPECTRUM
LIGHTING INC.

83-00008_RF

4" ROUND DIRECT

PICO SERIES / PHOTOMETRIC DATA

cylinders

C0455XT-10LxxK-XWEX-SOxxMW

10L XTRA WIDE - 83 CRI

CANDLEPOWER CURVE   **TEST: SP-00573_3**

Angle	CP at 0°
0	398
5	395
10	391
15	384
20	373
25	356
30	336
40	283
50	142
60	35
70	8
80	2
90	2

ZONAL LUMENS

0-10	38	5%
0-20	145	19%
0-30	310	40%
0-40	506	65%
0-60	747	97%
0-80	772	100%
0-90	773	100%
Total Lumens	773	100%

SINGLE UNIT: PERFORMANCE
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	13	11.9'	3
6.5'	9	14.1'	2
7.5'	7	16.2'	2
8.5'	6	18.4'	1
10.0'	4	21.6'	1
12.0'	3	26.0'	1
14.0'	2	30.3'	0
16.0'	2	34.6'	0

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

Delivered Lumens: 773
Luminaire Watts: 9.1
LER: 85

CP @ 0° (Nadir): 398
Beam Angle: 94.5°
CRI: 83

Spacing Ratio: 1.26
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.

SPECTRUM
POWDER COAT COLORS

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

MW Matte White	**GW** Gloss White	**PT** Platinum Silver	**MB** Matte Black	**BZ** Bronze

TIER 2 - TYPICAL FINISHES

TW Textured White	**TB** Textured Black	**MT*** Textured Silver	**OB*** Oil Rubbed Bronze	**SN** Sun Gold	**CO** Copper Metallic	**BR** Brecchia	**GH** Graphite	**CH** Charcoal	**AL** Almond	**VE** Verde Green

BL Blue Streak	**RD** Red Baron	**OR** Orange	**CM** Camel	**PL** Purple	**PG** Pub Green	**TQ** Turquoise	**SF** Sea Foam	**PK** Pink	**AY** Aero Yellow	**EG** Evergreen

LG Lime Green	**LB** Light Blue	**BY** Burgundy	**AK** Anodic Black	**AM** Anodic Malachite	**AZ** Anodic Bronze	**AS** Anodic Sapphire	**AN** Anodic Natural	**AC** Anodic Champagne

CUSTOM COLOR FINISHES

CONTACT FACTORY

CC Custom Color

CC

*UNAVAILABLE FOR WET LOCATION