

A	B
4.5 114.3 mm	7.0 177.8 mm

Fixture Weight: 5.5 lbs

4" SQUARE DIRECT PICO SERIES



CK0407SQXT - CEILING MOUNT

APPLICATION

4" square x 7" high surface mount cylinder luminaire designed for general illumination in spaces with exposed conduit and 4" surface-mounted octagonal junction boxes.

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. Machined conduit clearance slots are 1.125" wide and are offered in a variety of patterns.

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.

LUMENS / WATTAGE DATA

PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS ³	LPW
CK0407SQXT10L	1000	688	9.1	76
CK0407SQXT13L	1300	929	13	71

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / VOLTAGE ⁴	OPTIONS ⁵	MOUNTING ^{7/8}	FINISH
CK0407SQXT	10L 1000 Lm 13L 1300 Lm	83 CRI	XW 83°	EX Electronic Driver, 120V/277V DS10X 10%, 0-10V, 120V/277V DS2W1 ELV/MLV, 120V	FS Fuse Holder and Fuse CR Corrosion Resistant	CS1 1x Conduit Feed CS2 2x Conduit Feed, Straight CS3 2x Conduit Feed, 90° Corner CS4 3x Conduit Feed, T Pattern CS5 4x Conduit Feed, X Pattern	MW ⁶ Matte White MB ⁶ Matte Black PT ⁶ Platinum Silver CC Custom Color
		27K 2700K					
		30K 3000K					
		35K 3500K					
		40K 4000K					
		98 CRI			LENS SO ⁶ Micro Prism Solite™ Lens GL Clear Glass Lens	EMERGENCY BATTERY OPTIONS EMRM 7W Remote EM EMEN 7W Remote with Enclosure	See Page 4 for Full Range of Color Options (83-90095)
		27HK 2700K					
		30HK 3000K					

EXAMPLE: CK0407SQXT10L35KXWEX/SO/CS2/MW

NOTES:

1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with GL 3 At 83 CRI 4 Contact Factory for Additional Options 5 See Product Options Page for Details 6 Standard Lens for 83° Beam 7 See Mounting Page for Details on Components and Patterns 8 Junction Box and Conduit By Others 9 Standard Finishes 10 See Color Page for More Options/Consult Factory for Special 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

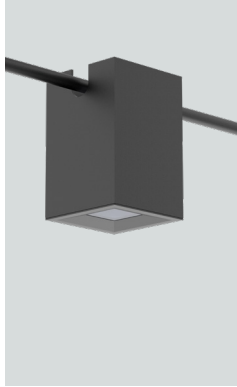


STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

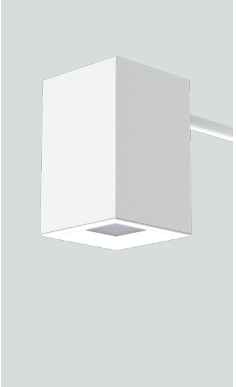


PT
PLATINUM SILVER



MOUNTING TYPES

CS1
1x CONDUIT FEED



CS2
2x CONDUIT FEED, STRAIGHT



CS3
3x CONDUIT FEED, 90° CORNER



CS4
4x CONDUIT FEED, T PATTERN



CS5
5x CONDUIT FEED, X PATTERN

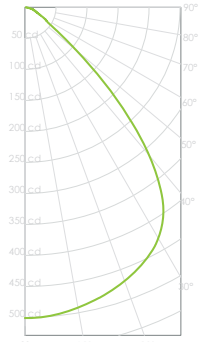


4" SQUARE DIRECT

PICO SERIES / PHOTOMETRIC DATA



CK0407SQXT 13L xxK XW XX GL xx MW

CANDLEPOWER CURVE TEST SP-01146_M-13L	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY	MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT																																																																					
	0°	0° - 10°	57	6%	<table><tr><th>Mounting Height AFF</th><th>FC at Center on Floor</th><th>Beam Diameter</th><th>FC at Beam Edge</th></tr><tr><td>6.5' -</td><td>12 fc</td><td>12.1' -</td><td>2 fc</td></tr><tr><td>7.5' -</td><td>9 fc</td><td>14.0' -</td><td>2 fc</td></tr><tr><td>8.5' -</td><td>7 fc</td><td>15.8' -</td><td>1 fc</td></tr><tr><td>10.0' -</td><td>5 fc</td><td>18.6' -</td><td>1 fc</td></tr><tr><td>12.0' -</td><td>3 fc</td><td>22.3' -</td><td>1 fc</td></tr><tr><td>14.0' -</td><td>3 fc</td><td>26.1' -</td><td>1 fc</td></tr><tr><td>16.0' -</td><td>2 fc</td><td>29.8' -</td><td>0 fc</td></tr><tr><td>20.0' -</td><td>1 fc</td><td>37.2' -</td><td>0 fc</td></tr></table>	Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	6.5' -	12 fc	12.1' -	2 fc	7.5' -	9 fc	14.0' -	2 fc	8.5' -	7 fc	15.8' -	1 fc	10.0' -	5 fc	18.6' -	1 fc	12.0' -	3 fc	22.3' -	1 fc	14.0' -	3 fc	26.1' -	1 fc	16.0' -	2 fc	29.8' -	0 fc	20.0' -	1 fc	37.2' -	0 fc	<table><tr><th>Ceiling Height</th><th>Fixture Spacing</th><th colspan="2">RCR 3</th><th colspan="2">RCR 5</th></tr><tr><td></td><td></td><th>FC +</th><th>W/Sq. Ft.</th><th>FC +</th><th>W/Sq. Ft.</th></tr><tr><td>12'</td><td>6'</td><td>21</td><td>0.33</td><td>12</td><td>0.23</td></tr><tr><td>15'</td><td>7'</td><td>17</td><td>0.27</td><td>14</td><td>0.27</td></tr><tr><td>18'</td><td>8'</td><td>10</td><td>0.16</td><td>8</td><td>0.16</td></tr></table>		Ceiling Height	Fixture Spacing	RCR 3		RCR 5				FC +	W/Sq. Ft.	FC +	W/Sq. Ft.	12'	6'	21	0.33	12	0.23	15'	7'	17	0.27	14	0.27	18'	8'	10	0.16	8	0.16
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0°	0° - 20°	193	21%	Delivered Illuminance Rating: (DIR)		63 FC per W/Sq. Ft.		52 FC per W/Sq. Ft.																																																																	
5°	0° - 30°	401	43%																																																																						
15°	0° - 40°	642	69%	2' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 5.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 5.5' x 2.00 + Average Footcandles at 2.5' Above Floor																																																																					
25°	0° - 60°	895	96%																																																																						
35°	0° - 80°	932	100%																																																																						
45°	Downlight	935	100%																																																																						
55°	Total	935	100%																																																																						
90°																																																																									

Delivered Lumens: 935
Luminaire Watts: 13
LER: 71.92

CP at 0° (Nadir): 501
CRI: 83

Beam Angle: 86°
Spacing Ratio: 1.25

Lumen Multiplier: 10L x 1.0, 13L x 1.35
CCT Multiplier: Same for all available CCT's

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	\$	①
Tier 2 - Typical Finishes	\$\$	①①
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



*UNAVAILABLE FOR WET LOCATION