

C0614LM

6" ROUND DIRECT

6" round x 13" high cylinder luminaire designed for high output focused illumination.

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
C0614LM100L	10000	7905	70.5	112
C0614LM120L	12000	9034	81.6	111
C0614LM137L	13700	10344	95.9	108

¹ Nominal Source Lumens ² Nominal Delivered Lumens at 35K ND NL

PROJECT: _____
 QUANTITY: _____ TYPE: _____



DLC LISTING		
FIXTURE CATALOG	DLC CLASSIFICATION	PRIMARY USE
C0614LM100L35KWDDXNL/XX/XX	Standard	Low-Bay Luminaires for Commercial and Industrial Buildings
C0614LM100L40KWDDXNL/XX/XX	Standard	Low-Bay Luminaires for Commercial and Industrial Buildings
C0614LM137L35KWDDXNL/XX/XX	Standard	High-Bay Luminaires for Commercial and Industrial Buildings

PRODUCT SELECTOR GUIDE

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / VOLTAGE	LENS OPTIONS	MOUNTING	FINISH	ACCESSORIES

EXAMPLE

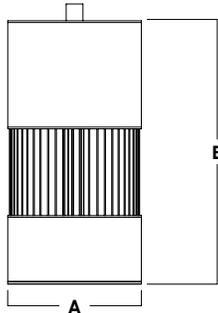
C0614LM	120L	35K	MD	DX	NL	CD36	MT	
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SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / DIMMING	LENS OPTIONS	MOUNTING ³	FINISH ⁷	ACCESSORIES
C0614LM ■ 100L 7905 Lm ■ 120L² 9034 Lm ■ 137L² 10344 Lm	80 CRI ■ 30K 3000K ■ 35K 3500K ■ 40K 4000K	90 CRI ■ 30HK 3000K ■ 35HK 3500K ■ 40HK 4000K	ND 24° MD 46° WD 69°	DX 1%, 0-10V, 120V/277V	■ NL No Lens ■ GL² Clear Glass Lens ■ SO² Micro Prism Solite™ Lens	HMxx⁴ Hang Straight PMxx⁴ Rigid Pendant Mount CDxx⁴ Cord / Cable Mount CMxx⁴ Cord Mount SM Surface Mount	TW⁸ Textured White TB⁸ Textured Black MT⁸ Textured Silver CC Custom Color	FCHMA⁹ Field Cuttable Hang Mount Accessory Kit
			2 120L and 137L Not Available with Lensing					
¹ Nominal Delivered Lumens ² 120L and 137L Not Available with Lensing ³ See Mounting Page for Details on Components and Finishes ⁴ Specify Length in Inches: See Mounting Page for Available Lengths ⁵ Not Available with CD or CM ⁶ Not Available with SM								

■ DLC STANDARD LISTED OPTIONS



DIMENSIONS



A	B
6.1	13.0
154.9 mm	330.2 mm

APPLICATION

6" round x 13" high cylinder luminaire designed for high output focused 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. Two stage optical system design delivers smooth illumination.

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. Heat sink is always black.

ELECTRONICS

LED module features high brightness white LEDs. 3-step MacAdam Ellipse binning and CRI 80. 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. Die-cast aluminum trim finished to specification.

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.

DLC LISTING

Not all combinations are listed on the Design Lights Consortium® QPL. Refer to designlights.org/search/ for most up-to-date list.

STANDARD FINISHES

TW
Textured White



TB
Textured Black



MT
Textured Silver



CEILING MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & CANOPY DIMENSIONS.)

HM / PM
HANG STRAIGHT / PENDANT



CD
CORD / CABLE MOUNT



CM
CORD MOUNT



SM
SURFACE MOUNT



EMCR (Shown with PM)
7W CANOPY MOUNTED EM



C0614LM 6" ROUND DIRECT



C0614LM137L35KNDNL

CANDLEPOWER CURVE TEST SP-R21	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE HORIZONTAL FOOTCANDLES INITIAL DOWNLIGHT ONLY				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES HORIZONTAL FOOTCANDLES AND WATTS/SQ FT										
			Mounting Distance	FC at Beam Center	Diameter of Beam Angle	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 3		RCR 5						
	0.00°	0° - 10°	2085	20%	10.0'	274 fc	4.3'	127 fc	18'	4'	576	5.53	515	5.52			
	0.00°	0° - 20°	5179	50%	12.0'	191 fc	5.2'	88 fc	22'	6'	268	2.57	205	2.20			
	5.00°	0° - 30°	7960	77%	14.0'	140 fc	6.0'	65 fc	26'	8'	137	1.32	133	1.43			
	10.00°	0° - 40°	9862	95%	16.0'	107 fc	6.9'	50 fc	Delivered Illuminance Rating: (DIR)		104 FC per W/Sq. Ft.		93 FC per W/Sq. Ft.				
	15.00°	0° - 60°	10301	100%	20.0'	69 fc	8.6'	32 fc	3' 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 Initial Footcandles at 2.5' Above Floor								
	20.00°	0° - 80°	10328	100%	24.0'	48 fc	10.3'	22 fc									
	30.00°	0° - 90°	10330	100%	28.0'	35 fc	12.1'	16 fc									
	40.00°	90.00°	1	Total	10344	100%	32.0'	27 fc	13.8'	12 fc							
	Delivered Lumens: 10344 Luminaire Watts: 95.87 LER: 107.90											CP at 0deg (Nadir): 27442 CRI: 80+		Beam Angle: 24.32 Spacing Ratio: 0.43		Lumen Multiplier: 100L x 0.77, 120L x 0.88 30K x 0.95, 40K x 1.02, 30HK x 0.744, 35HK x 0.73, 40HK x 0.74	

C0614LM137L35KMDNL

CANDLEPOWER CURVE TEST SP-R22	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE HORIZONTAL FOOTCANDLES INITIAL DOWNLIGHT ONLY				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES HORIZONTAL FOOTCANDLES AND WATTS/SQ FT										
			Mounting Distance	FC at Beam Center	Diameter of Beam Angle	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 3		RCR 5						
	0.00°	0° - 10°	1461	14%	10.0'	168 fc	7.5'	68 fc	18'	6'	280	2.73	224	2.47			
	0.00°	0° - 20°	4557	44%	12.0'	117 fc	9.0'	47 fc	22'	8'	161	1.57	129	1.42			
	15.00°	0° - 30°	7707	74%	14.0'	86 fc	10.5'	35 fc	26'	10'	104	1.02	83	0.92			
	30.00°	0° - 40°	9792	94%	16.0'	66 fc	12.0'	27 fc	Delivered Illuminance Rating: (DIR)		102 FC per W/Sq. Ft.		91 FC per W/Sq. Ft.				
	60.00°	0° - 60°	10339	99%	20.0'	42 fc	15.0'	17 fc	3' 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 Initial Footcandles at 2.5' Above Floor								
	92	0° - 80°	10382	100%	24.0'	29 fc	18.1'	12 fc									
	1	0° - 90°	10384	100%	28.0'	21 fc	21.1'	9 fc									
	90.00°	90.00°	1	Total	10399	100%	32.0'	16 fc	24.1'	7 fc							
	Delivered Lumens: 10399 Luminaire Watts: 96.55 LER: 107.71											CP at 0deg (Nadir): 16790 CRI: 80+		Beam Angle: 41.22 Spacing Ratio: 0.65		Lumen Multiplier: 100L x 0.77, 120L x 0.88 30K x 0.95, 40K x 1.02, 30HK x 0.744, 35HK x 0.73, 40HK x 0.74	

C0614LM137L35KWDNL

CANDLEPOWER CURVE TEST SP-R23	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE HORIZONTAL FOOTCANDLES INITIAL DOWNLIGHT ONLY				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES HORIZONTAL FOOTCANDLES AND WATTS/SQ FT										
			Mounting Distance	FC at Beam Center	Diameter of Beam Angle	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 1		RCR 3						
	0.00°	0° - 10°	861	7%	8.0'	146 fc	10.9'	40 fc	18'	10'	115	0.89	95	0.89			
	5.00°	0° - 20°	3013	25%	10.0'	93 fc	13.7'	26 fc	22'	12'	90	0.70	55	0.51			
	10.00°	0° - 30°	5954	50%	12.0'	65 fc	16.4'	18 fc	26'	14'	58	0.45	55	0.52			
	15.00°	0° - 40°	8570	72%	14.0'	48 fc	19.1'	13 fc	Delivered Illuminance Rating: (DIR)		129 FC per W/Sq. Ft.		107 FC per W/Sq. Ft.				
	20.00°	0° - 60°	10851	91%	16.0'	36 fc	21.9'	10 fc	3' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 1: Length & Width = Ceiling Ht. - 5.5' x 10.00 RCR 3: Length & Width = Ceiling Ht. - 5.5' x 3.33 * Average Initial Footcandles at 2.5' Above Floor								
	7697	0° - 80°	11812	99%	20.0'	23 fc	27.3'	6 fc									
	7013	0° - 90°	11888	100%	24.0'	16 fc	32.8'	4 fc									
	5960	90.00°	4	Total	11905	100%	28.0'	12 fc	38.3'	3 fc							
	Delivered Lumens: 11905 Luminaire Watts: 96.67 LER: 123.15											CP at 0deg (Nadir): 9340 CRI: 80+		Beam Angle: 68.68 Spacing Ratio: 0.95		Lumen Multiplier: 100L x 0.77, 120L x 0.88 30K x 0.95, 40K x 1.02, 30HK x 0.744, 35HK x 0.73, 40HK x 0.74	

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>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 3.5</p> <p>KEY SLOTS MOUNT CANOPY TO WALL JUNCTION BOX. JUNCTION BOX IS COVERED.</p>
<p>*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.</p>				

EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY

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											
<p>*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY</p>													

ACCESSORIES

FCHMA - FIELD CUTTABLE HANG MOUNT ACCESSORY KIT