

C0614LM

6" ROUND DIRECT

6" round x 12" 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	80 CRI	DX 1%, 0-10V, 120V/277V	NL No Lens GL² Clear Glass Lens SO⁵ 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
	120L²	9034 Lm	30K 3000K					
	137L²	10344 Lm	35K 3500K 40K 4000K					
			90 CRI					
			30HK 3000K 35HK 3500K 40HK 4000K					
	¹ Nominal Delivered Lumens ² 120L and 137L Not Available with Lensing				² 120L and 137L Not Available with Lensing	EMERGENCY BATTERY OPTIONS EMRM⁵ 7W Remote EM EMEN⁵ 7W Remote with Enclosure EMCR⁶ 7W Canopy Mounted EM	⁷ Heat Sink is Always Black ⁸ Standard Finishes Reference Color Sheet Located on Product Webpage For Full List of Available Colors.	⁹ FCHMA Only for Use with HM - Hang Straight Mounting Option
						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		

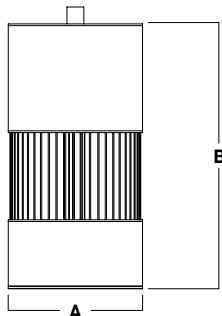


C0614LM 6" ROUND DIRECT



Spectrum Lighting

DIMENSIONS



A	B
6.1 154.9 mm	12.0 304.8 mm

APPLICATION

6" round x 12" 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® GPL. 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



Spectrum Lighting

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																																																																		
	0.00°	0° - 10° 2085 20%	<table><tr><th>Mounting Distance</th><th>FC at Beam Center</th><th>Diameter at Beam Angle</th><th>FC at Beam Edge</th></tr><tr><td>10.0'</td><td>274 fc</td><td>4.3'</td><td>127 fc</td></tr><tr><td>12.0'</td><td>191 fc</td><td>5.2'</td><td>88 fc</td></tr><tr><td>14.0'</td><td>140 fc</td><td>6.0'</td><td>65 fc</td></tr><tr><td>16.0'</td><td>107 fc</td><td>6.9'</td><td>50 fc</td></tr><tr><td>20.0'</td><td>69 fc</td><td>8.6'</td><td>32 fc</td></tr><tr><td>24.0'</td><td>48 fc</td><td>10.3'</td><td>22 fc</td></tr><tr><td>28.0'</td><td>35 fc</td><td>12.1'</td><td>16 fc</td></tr><tr><td>32.0'</td><td>27 fc</td><td>13.8'</td><td>12 fc</td></tr></table>	Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge	10.0'	274 fc	4.3'	127 fc	12.0'	191 fc	5.2'	88 fc	14.0'	140 fc	6.0'	65 fc	16.0'	107 fc	6.9'	50 fc	20.0'	69 fc	8.6'	32 fc	24.0'	48 fc	10.3'	22 fc	28.0'	35 fc	12.1'	16 fc	32.0'	27 fc	13.8'	12 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>18'</td><td>4'</td><td>576</td><td>5.53</td><td>515</td><td>5.52</td></tr><tr><td>22'</td><td>6'</td><td>268</td><td>2.57</td><td>205</td><td>2.20</td></tr><tr><td>26'</td><td>8'</td><td>137</td><td>1.32</td><td>133</td><td>1.43</td></tr></table>	Ceiling Height	Fixture Spacing	RCR 3		RCR 5				FC *	W/Sq. Ft.	FC *	W/Sq. Ft.	18'	4'	576	5.53	515	5.52	22'	6'	268	2.57	205	2.20	26'	8'	137	1.32	133	1.43
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0.00° 27442	0° - 20° 5179 50%	<table><tr><td>Delivered Illuminance Rating: (DIR)</td><td>104 FC per W/Sq. Ft.</td><td>93 FC per W/Sq. Ft.</td></tr></table>	Delivered Illuminance Rating: (DIR)	104 FC per W/Sq. Ft.	93 FC per W/Sq. Ft.																																																																	
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5.00° 25573	0° - 30° 7960 77%																																																																					
10.00° 18129	0° - 40° 9862 95%																																																																					
15.00° 11530	0° - 60° 10301 100%																																																																					
20.00° 7753	0° - 80° 10328 100%																																																																					
30.00° 5020	0° - 90° 10330 100%																																																																					
40.00° 1015	Total 10344 100%																																																																					
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60.00° 49																																																																						
70.00° 5																																																																						
80.00° 2																																																																						
90.00° 1																																																																						

Delivered Lumens: 10344

Luminaire Watts: 95.87

LER: 107.90

CP at 0deg (Nadir): 27442

CR: 80+

Beam Angle: 24.32

Spacing Ratio: 0.43

Lumen Multiplier: 100L x 0.77, 120L x 0.88

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

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							
	0.00°	0° - 10° 861 7%	Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 1		RCR 3			
	0.00° 9340	0° - 20° 3013 25%							FC *	W/Sq. Ft.	FC *	W/Sq. Ft.		
	5.00° 9087	0° - 30° 5954 50%							18'	10'	115	0.89	95	0.89
	10.00° 8444	0° - 40° 8570 72%							22'	12'	90	0.70	55	0.51
	15.00° 7697	0° - 60° 10851 91%							26'	14'	58	0.45	55	0.52
	20.00° 7013	0° - 80° 11812 99%							Delivered Illuminance Rating: (DIR)		129 FC per W/Sq. Ft.		107 FC per W/Sq. Ft.	
	30.00° 5960	0° - 90° 11888 100%							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					
	40.00° 2394	Total 11905 100%												
	50.00° 1415													
	60.00° 882													
	70.00° 480													
	80.00° 184													
	90.00° 4													
Delivered Lumens: 11905	CP at 0deg (Nadir): 9340	Beam Angle: 68.68	Lumen Multiplier: 100L x 0.77, 120L x 0.88											
Luminaire Watts: 96.67	CR: 80+	Spacing Ratio: 0.95	CCT Multiplier: 30K x 0.95, 40K x 1.02, 30HK x 0.744, 35HK x 0.73, 40HK x 0.74											
LER: 123.15														

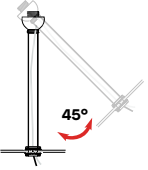
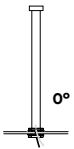
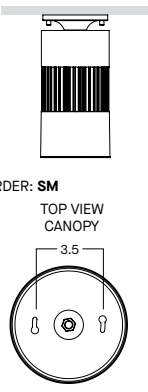
STANDARD MOUNTING & ACCESSORIES



Spectrum Lighting

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.

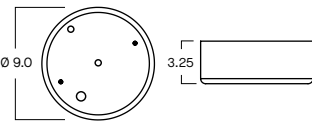
MOUNTING TYPES

HM* HANG STRAIGHT 45° SWIVEL 5/8" OD STEM - 3/8" IP  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* RIGID PENDANT MOUNT RIGID 5/8" OD STEM - 3/8" IP  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)	CD CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE  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 3.5 KEY SLOTS MOUNT CANOPY TO WALL JUNCTION BOX. JUNCTION BOX IS COVERED.
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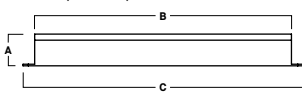
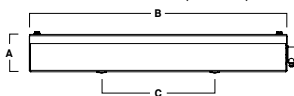
*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY



REMOTE EMERGENCY BATTERY OPTIONS

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

ACCESSORIES

FCHMA - FIELD CUTTABLE HANG MOUNT ACCESSORY KIT

