

ROUND DIRECT / HIGH OUTPUT 6" SERIES



C0612BX

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.

ELECTRONICS

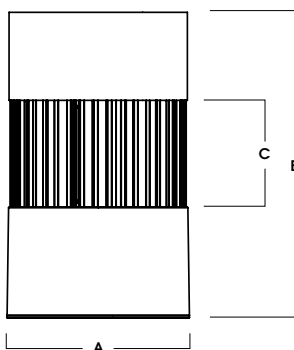
LED module features high brightness white Bridgelux® LEDs. 3-step MacAdam Ellipse binning and CRI 80. Variety of electronic 120V/277V and dimming drivers.

CONSTRUCTION

Fabricated seamless aluminum housing. Stainless steel hardware with galvanized brackets to resist corrosion. Passively cooled heatsink. Standard trim is regressed smooth, and accepts lens options. Finished charcoal for low surface brightness.

CODE COMPLIANCE

BAA Compliant. ETL Certified to meet US and Canadian Standards. Manufactured and tested to UL standard No. 1598/8750.



A	B	C
6.2 157.5 mm	12.1 307.3 mm	3.9 99.1 mm

WATTAGE / LUMENS DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
C0612BX60L	6000	4607	38	121
C0612BX80L	8000	6081	56	109

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / DIMMING ³	OPTIONS ⁴	MOUNTING ⁷	FINISH
C0612BX	60L 6000 Lm	27K 2700K	ND 24°	EX Electronic Driver, 120V/277V DO10X 1%, 0-10V, 120V/277V	FS Fuse Holder and Fuse CR Corrosion Resistant BB Black Step Baffle BLU Bluetooth LE	HM ⁸ Hang Straight	MW ¹⁰ Matte White
	80L 8000 Lm	30K 3000K	MD 40°			AT ⁸ Hang Straight All Thread	
		35K 3500K	WD 55°			PM ⁸ Rigid Pendant Mount	PT ¹⁰ Platinum Silver
		40K 4000K	XW 62°			CD ^{9/10} Cord / Cable Mount	TW Textured White
						YK Yoke Mount	TB Textured Black
						SM Surface Mount	MT Textured Silver
						EMERGENCY BATTERY OPTIONS	
					NL No Lens	EMCP7W 7W Canopy Mounted EM	BZ Bronze
					SO ⁵ Micro Prism Solite™ Lens	EMRM7W 7W Remote EM	CH Charcoal
					GL ⁶ Clear Glass Lens	EMEN7W 7W Remote with Enclosure	GH Graphite
					FG Frosted Glass Lens	EMLN7W 7W In-Line EM (For Pendants)	AC Champagne
							SN Sun Gold
							BR Brecchia Rust
							AN Anodic Natural
							CO Copper Metallic
							CC ¹¹ Custom Color

EXAMPLE: C0612BX60L35KXWEX/HM24MW

NOTES:

1 Nominal Source Lumens 2 Nominal Delivered Lumens at 35K with MD - NL 3 Consult Factory for Additional Options 4 See Product Options Page for Details 5 Standard Lens for MD, WD, XW 6 Standard Lens for ND 7 See Mounting Page for Details on Components and Finishes 8 Specify Length in Inches; See Mounting Page for Available Lengths 9 EMxxxx Option Requires 2 Cords 10 Standard Finishes 11 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.

ROUND DIRECT / HIGH OUTPUT

6" SERIES / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

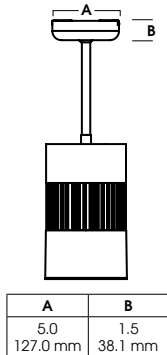


PT
PLATINUM SILVER

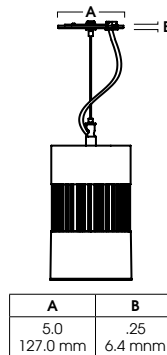


MOUNTING TYPES

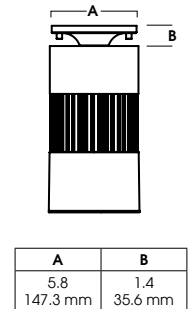
HM / PM / AT
HANG STRAIGHT / PENDANT / ALL THREAD



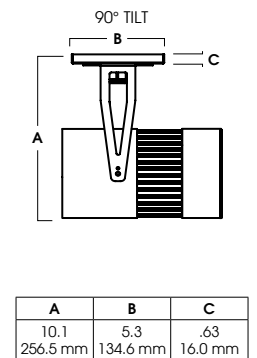
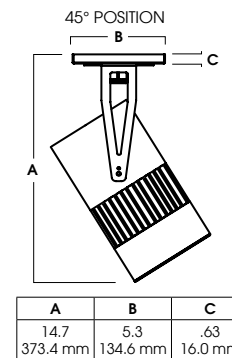
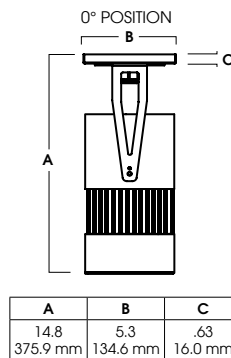
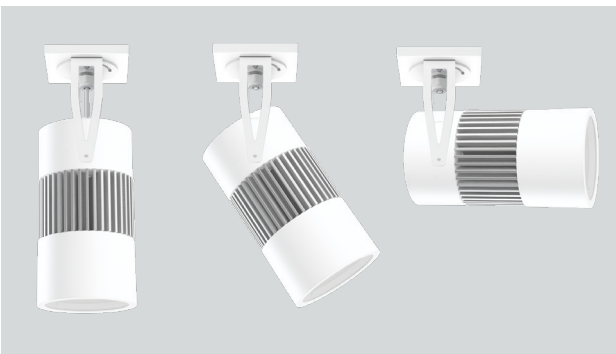
CD
CORD / CABLE MOUNT



SM
SURFACE MOUNT



YK
YOKE MOUNT

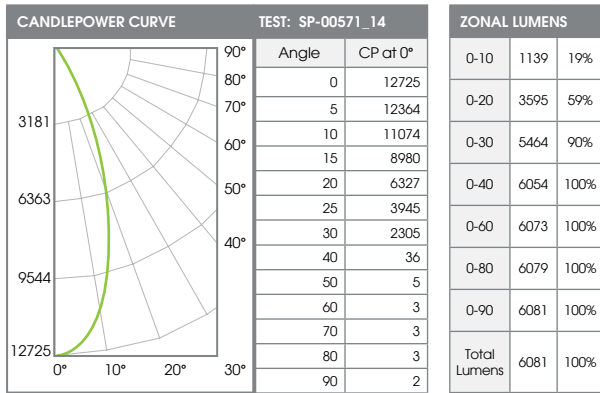


ROUND DIRECT / HIGH OUTPUT

6" SERIES / PHOTOMETRIC DATA



C0612BX-80L35K-MD-NL



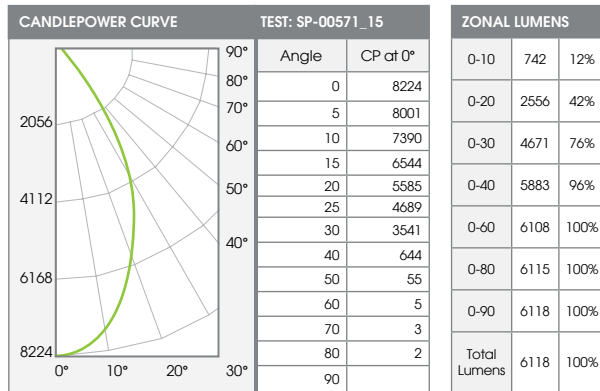
80L MEDIUM - 80 CRI

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	421	4.0'	186
6.5'	301	4.7'	133
7.5'	226	5.5'	100
8.5'	176	6.2'	78
10.0'	127	7.3'	56
12.0'	88	8.7'	39
14.0'	65	10.2'	29
16.0'	50	11.6'	22

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

Delivered Lumens: 6081 CP @ 0° (Nadir): 12725 Spacing Ratio: 0.66
 Luminaire Watts: 56 Beam Angle: 40° Output Multipliers: 60L x 0.76
 LER: 109 CRI: 80

C0612BX-80L35K-WD-NL



80L WIDE - 80 CRI

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	272	5.7'	107
6.5'	195	6.8'	77
7.5'	146	7.8'	58
8.5'	114	8.8'	45
10.0'	82	10.4'	32
12.0'	57	12.5'	22
14.0'	42	14.6'	17
16.0'	32	16.7'	13

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

Delivered Lumens: 6118 CP @ 0° (Nadir): 8224 Spacing Ratio: 0.82
 Luminaire Watts: 56 Beam Angle: 55° Output Multipliers: 60L x 0.76
 LER: 109 CRI: 80