



## 6" ROUND DIRECT / HIGH OUTPUT PRO-FORM SERIES



### C0612BX - CEILING MOUNT

#### 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

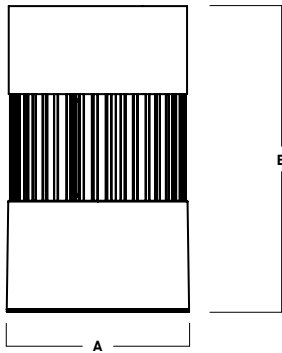
LED module features high brightness white Bridgelux® LEDs. 3-step MacAdam Ellipse binning and CRI 80. Variety of electronic 120V/277V and dimming drivers.

#### 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
6.2 157.5 mm	12.1 307.3 mm

Fixture Weight: 12.8 lbs

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

SERIES	LUMENS <sup>1</sup>	CCT	OPTICS	DRIVER / DIMMING <sup>3</sup>	OPTIONS <sup>4</sup>	MOUNTING <sup>7</sup>	FINISH <sup>10</sup>	
C0612BX	60L 80L	6000 Lm 8000 Lm	27K 2700K 30K 3000K 35K 3500K 40K 4000K	ND 24° MD 40° WD 55 XW 62°	EX Electronic Driver, 120V/277V DS10X 10%, 0-10V, 120V/277V DO10X 1%, 0-10V, 120V/277V	FS Fuse Holder and Fuse CR Corrosion Resistant BB Black Step Baffle BLU Bluetooth LE	HM <sup>8</sup> Hang Straight AT <sup>8</sup> Hang Straight All Thread PM <sup>8</sup> Rigid Pendant Mount CD <sup>9/9</sup> Cord / Cable Mount YK Yoke Mount SM Surface Mount	MW <sup>11</sup> Matte White MB <sup>11</sup> Matte Black PT <sup>11</sup> Platinum Silver CC Custom Color
					LENS		EMERGENCY BATTERY OPTIONS	
				NL No Lens SO <sup>5</sup> Micro Prism Solite™ Lens GL <sup>6</sup> Clear Glass Lens FG Frosted Glass Lens		EMCR 10W Canopy Mounted EM EMRM 7W Remote EM EMEN 7W Remote with Enclosure		

**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 Reference Color Sheet Located on Product Webpage for Full List of Available Colors/Consult Factory for Special Finishes 11 Standard 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.

# 6" ROUND DIRECT / HIGH OUTPUT

## PRO-FORM SERIES / FIXTURE OPTIONS



### STANDARD FINISHES

**MW**  
MATTE WHITE



**MB**  
MATTE BLACK

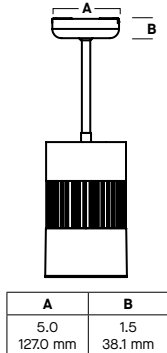


**PT**  
PLATINUM SILVER

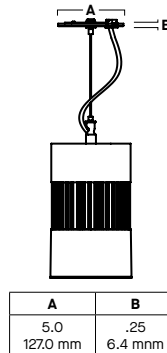


### MOUNTING TYPES

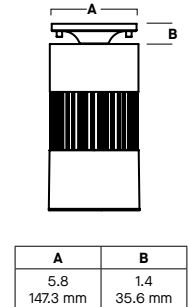
**HM / PM / AT**  
HANG STRAIGHT / PENDANT / ALL THREAD



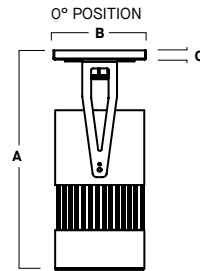
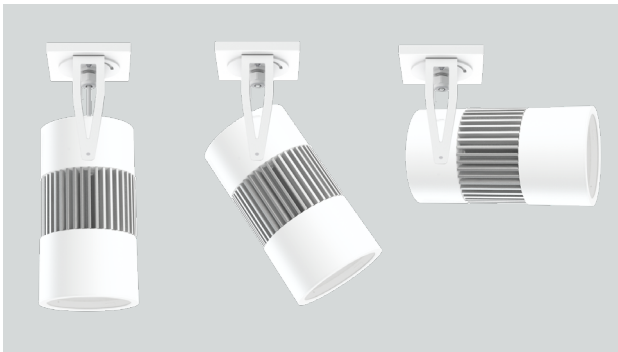
**CD**  
CORD / CABLE MOUNT



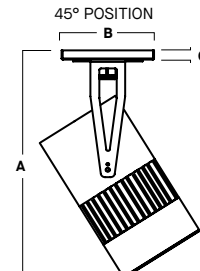
**SM**  
SURFACE MOUNT



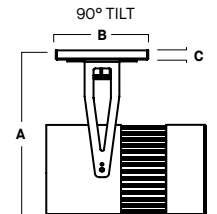
**YK**  
YOKE MOUNT



A	B	C
14.8	5.3	.63
375.9 mm	134.6 mm	16.0 mm



A	B	C
14.7	5.3	.63
373.4 mm	134.6 mm	16.0 mm



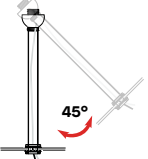
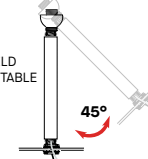
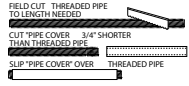
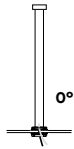

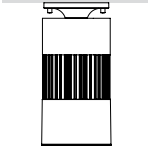
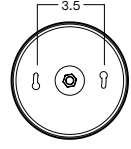
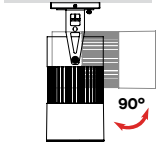
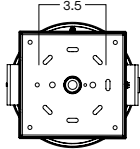
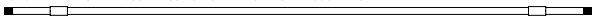
A	B	C
10.1	5.3	.63
256.5 mm	134.6 mm	16.0 mm

# 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.

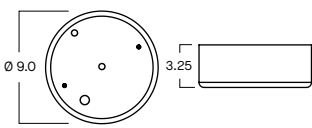


## MOUNTING TYPES

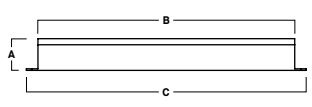
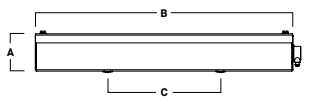
<p><b>HM*</b> HANG STRAIGHT 45° SWIVEL 1/2" STEM - 3/8" NPT</p>  <p>ORDER: <b>HM</b> (Length) SPECIFY LENGTH: <b>HM3</b> - 3"    <b>HM24</b> - 24" <b>HM6</b> - 6"    <b>HM36</b> - 36" <b>HM12</b> - 12"    <b>HM48</b> - 48" <b>HM18</b> - 18"    <b>HM72</b> - 72" <b>HMLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>AT**</b> HANG STRAIGHT ALL THREAD 45° SWIVEL 1/2" STEM - 1/4" IP</p> <p>FIELD CUTTABLE</p>  <p>ORDER: <b>AT</b> (Length) SPECIFY LENGTH: <b>AT12</b> - 12" <b>AT24</b> - 24" <b>AT36</b> - 36" <b>ATLC(XX)</b> Custom Length (Specify in Inches)</p> 	<p><b>PM*</b> RIGID PENDANT MOUNT RIGID 1/2" STEM - 3/8" NPT</p>  <p>ORDER: <b>PM</b> (Length) SPECIFY LENGTH: <b>PM3</b> - 3"    <b>PM24</b> - 24" <b>PM6</b> - 6"    <b>PM36</b> - 36" <b>PM12</b> - 12"    <b>PM48</b> - 48" <b>PM18</b> - 18"    <b>PM72</b> - 72" <b>PMLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>CD</b> CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE</p>  <p>ORDER: <b>CD</b> (Length) SPECIFY LENGTH: <b>CD36</b> - 36" <b>CD72</b> - 72" <b>CD144</b> - 144" <b>CDLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>SM</b> SURFACE MOUNT WIRING COMPARTMENT / TOP HAT</p>  <p>ORDER: <b>SM</b></p> <p>TOP VIEW CANOPY</p>  <p>KEY SLOTS MOUNT CANOPY TO WALL JUNCTION BOX. JUNCTION BOX IS COVERED.</p>	<p><b>YK</b> YOKE MOUNT</p>  <p>ORDER: <b>YK</b></p> <p>TOP VIEW CANOPY</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 (FOR ROUND CEILING MOUNT TYPES)



## REMOTE EMERGENCY BATTERY OPTIONS

<p><b>EMRM*</b> - 7W REMOTE EMERGENCY BATTERY (50' MAX)</p>  <table border="1" data-bbox="576 1207 779 1249"> <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><b>EMEN*</b> - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (50' MAX)</p>  <table border="1" data-bbox="933 1207 1136 1249"> <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											

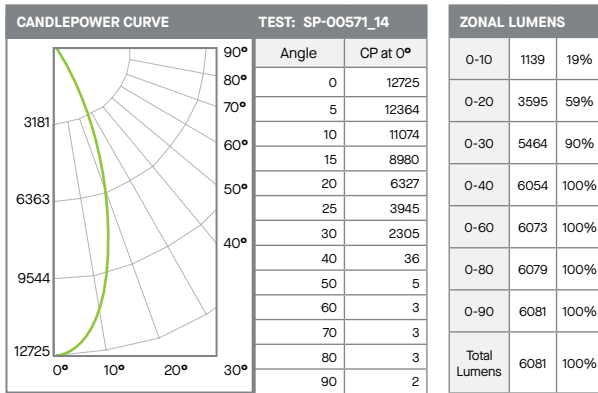
\*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY



# ROUND DIRECT / HIGH OUTPUT

## PRO-FORM SERIES / PHOTOMETRIC DATA

### CO612BX-80L35K-MD-NL



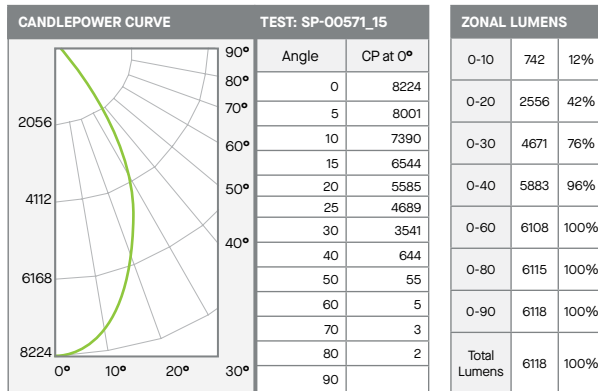
### 80L MEDIUM - 80 CRI

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

### CO612BX-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