12" ROUND DIRECT
GENERAL ILLUMINATION

cylinders

C1210GV - CEILING MOUNT

APPLICATION
12" round x 10" high cylinder series for general illumination with optional integral emergency battery.

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. Single stage optical system design delivers smooth general 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
GV LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 85+. Higher CRI, R9 and custom LED configurations are available; consult factory. Variety of electronic 120V/277V and dimming drivers. DMX controls available.

CONSTRUCTION
Spun seamless aluminum fixture housing. Specular primary optical reflectors provide high efficiency illumination. Stainless steel hardware with galvanized steel brackets to resist corrosion. One piece reflector trim spun from .063 thick high purity aluminum and finished to specification.

CODE COMPLIANCE
BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Wet Location Option. Manufactured and tested to UL standards No. 1598/8750.
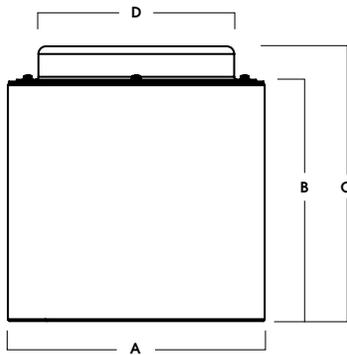
A	B	C	D
11.4	10.3	11.9	8.7
289.6 mm	261.6 mm	302.3 mm	221.0 mm

LUMENS / WATTAGE DATA

PART NUMBER	SOURCE LUMENS[1]	DELIVERED LUMENS[2]	SYSTEM WATTS	LPW
C1210GV15L	1500	805	10	81
C1210GV27L	2700	1406	18	78
C1210GV37L	3700	2063	26	79
C1210GV55L	5500	3038	39	78

SERIES	LUMENS[1]		CCT		DRIVER / DIMMING[3]		OPTIONS[7]		TRIM		MOUNTING[10]		FINISH[15]	
C1210GV	15L	1500 Lm	27K	2700K	EX	Electronic Driver, 120V/277V	FS	Fuse Holder and Fuse	TSG[9]	Semi Diffuse Low Iridescent Clear	HM[11/12]	Hang Straight	MW[16]	Matte White
	27L	2700 Lm	30K	3000K	DS10X	10%, 0-10V, 120V/277V	WL[8]	Wet Location	TCY	Same Color as Cylinder	PM[11/12]	Rigid Pendant Mount	MB[16]	Matte Black
	37L	3700 Lm	35K	3500K	DO10X	1%, 0-10V, 120V/277V			TCC	Custom Color	AT[11/12]	Hang Straight All Thread	PT[16]	Platinum Silver
	55L	5500 Lm	40K	4000K	DS2W1	ELV / MLV,120V					CD3X[8/11/13]	3X Cord / Cable Mount	CC	Custom Color
			50K	5000K	DLTE1[4]	Lutron 2-Wire Forward Phase (MLV), 120V					SM	Surface Mount		
					DL3E1[4]	1% Lutron® EcoSystem® Fade, 120V/277V					CQD[6]	DMX Large Driver Canopy		
					ED01X	0.1%, eldoLED 120V/277V				LENS		EMERGENCY BATTERY OPTIONS		See Page 5 for Full Range of Color Options (83-90095)
					DALIX	DALI Control			SO	Micro Prism Solite™ Lens	EMIT[14]	7W Emergency Battery Test Switch		
					DMXS[5/6]	DMX Standard Configuration			GL	Clear Glass Lens	EMRM	7W Remote EM		
					DMXC[5/6]	DMX Non-Standard Custom			FG	Frosted Glass Lens				

EXAMPLE: C1210GV55L35KEX/TSG/SM/MW

NOTES:
1 Nominal Source Lumens at 35K **2** Nominal Delivered Lumens at 35K with TSG-SO-MW **3** Contact Factory for Additional Options **4** 37L Max **5** Contact Factory **6** CQD Required for DMXS/C **7** See Product Options Page For Details
8 Wet Location Unavailable with CD **9** Standard Finish **10** See Mounting Page for Details on Components and Finishes **11** Specify Length in Inches: See Mounting Page for Available Lengths **12** Not for Use in Locations with Wind Exposure
13 EMxxxx Option Requires 2 Cords/Not Available for WL **14** EMIT Up to 37L **15** See Color Page for More Options/Consult Factory for Special Finishes **16** Standard Finishes

SPECTRUM LIGHTING INC.

PROJECT:

TYPE:

ETL INTERTEK LISTED   *5 YEAR WARRANTY*   *MADE IN THE USA*

12" ROUND DIRECT
GENERAL ILLUMINATION / FIXTURE OPTIONS

cylinders

STANDARD FINISHES

MW
MATTE WHITE

MB
MATTE BLACK

PT
PLATINUM SILVER

MOUNTING TYPES

HM / PM / AT
HANG STRAIGHT / PENDANT / ALL THREAD
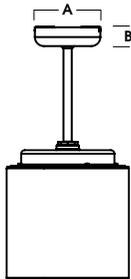
A	B
5.0	1.5
127.0 mm	38.1 mm

CD3X
3X CORD / CABLE MOUNT
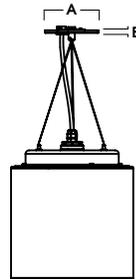
A	B
5.0	.25
127.0 mm	6.4 mm

*Not Available for Wet Location

SM
SURFACE MOUNT
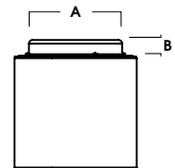
| A	B
6.2	1.5
157.5 mm	25.4 mm

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.

cylinders

MOUNTING TYPES

HM*
HANG STRAIGHT
45° SWIVEL 5/8" OD STEM - 3/8" IP

45°

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*
RIDGID PENDANT MOUNT
RIGID 5/8" OD STEM - 3/8" IP

0°
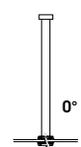
ORDER: **PM** (Length)
SPECIFY LENGTH:

PM3 - 3"	**PM24 -** 24"
PM6 - 6"	**PM36 -** 36"
PM12 - 12"	**PM48 -** 48"
PM18 - 18"	**PM72 -** 72"

PMLC(XX)
Custom Length
(Specify in Inches)

AT**
HANG STRAIGHT ALL THREAD
45° SWIVEL 5/8" OD STEM - 1/4" IP

FIELD
CUTABLE

45°
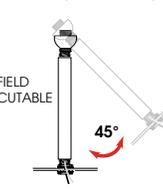
ORDER: **AT** (Length)
SPECIFY LENGTH:

AT12 - 12"
AT24 - 24"
AT36 - 36"

FIELD CUT THREADED PIPE
TO LENGTH NEEDED

CUT "PIPE COVER 3/4" SHORTER
THAN THREADED PIPE

SLIP "PIPE COVER" OVER THREADED PIPE
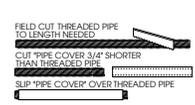
CD3X
CORD / CABLE MOUNT
SJ CORD WITH 1/16 SS CABLE

**ADJUST
AND
LOCKS**

24"
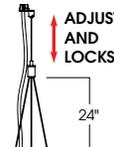
ORDER: **CDX3** (Length)
SPECIFY LENGTH:

CD3X36 - 36"
CD3X72 - 72"
CD3X144 - 144"
CDLC3X(XX)
Custom Length
(Specify in Inches)

SM
SURFACE MOUNT

WIRING COMPARTMENT
/ TOP HAT
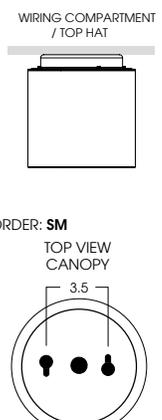
ORDER: **SM**

TOP VIEW
CANOPY

3.5

KEY SLOTS MOUNT CANOPY
TO WALL JUNCTION BOX.
JUNCTION BOX IS COVERED.

*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36".
LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

DMX OPTION

CQD - LARGE DRIVER CANOPY
FOR DMX OPTIONS

9.1

3.2
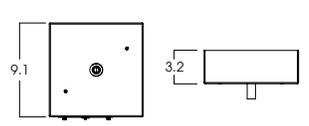
REMOTE EMERGENCY BATTERY OPTIONS

EMRM* - 7W REMOTE EMERGENCY BATTERY
(50' MAX)

B

A

C
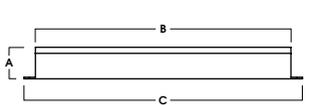
A	B	C
1.3	12.6	13.0

*OTHER EM BATTERY SIZES AVAILABLE, CONSULT FACTORY

12" ROUND DIRECT

GENERAL ILLUMINATION / PHOTOMETRIC DATA

cylinders

C1210GV-55L35K-EXxx-TSG-SO-xxMW

55L - 85 CRI

CANDLEPOWER CURVE	TEST: SP-00582	
	Angle	CP at 0°
	0	2220
	5	2355
	10	2580
	15	2753
	20	2657
	25	2200
	30	1533
	40	535
	50	183
	60	67
	70	14
	80	1
	90	1
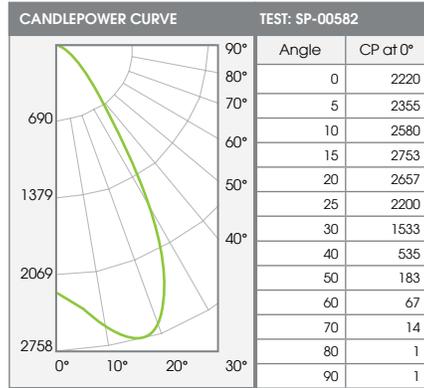
ZONAL LUMENS		
0-10	230	8%
0-20	987	32%
0-30	1986	65%
0-40	2622	86%
0-60	2993	99%
0-80	3036	100%
0-90	3038	100%
Total Lumens	3038	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	73	6.7'	27
6.5'	53	7.9'	19
7.5'	39	9.1'	14
8.5'	31	10.4'	11
10.0'	22	12.2'	8
12.0'	15	14.6'	6
14.0'	11	17.1'	4
16.0'	9	19.5'	3

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

Delivered Lumens: 3038
Luminaire Watts: 39
LER: 78

CP @ 0° (Nadir): 2220
Beam Angle: 62.7°
CRI: 84

Spacing Ratio: 1.12
Output Multipliers: 15L x 0.27, 27L x 0.46, 37L x 0.68

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.

SPECTRUM
POWDER COAT COLORS

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	$	🕐
Tier 2 - Typical Finishes	$$	🕐🕐
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