

12" SQUARE DIRECT

GENERAL ILLUMINATION



C1210SQGV - CEILING MOUNT

APPLICATION

12" square x 10" high cylinder series for general 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. 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 pre-treated to resist corrosion.

ELECTRONICS

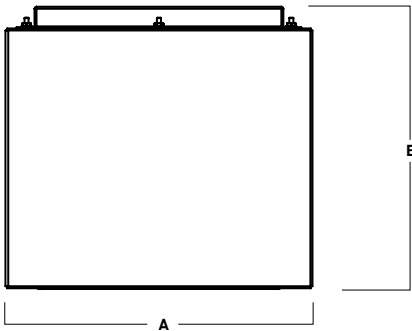
GV LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 85+. Higher CRI, R9 and custom LED configurations are available; consult factory. Variety of electronic 120V/277V and dimming drivers.

CONSTRUCTION

Fabricated seamless aluminum fixture housing. Stainless steel hardware with galvanized steel brackets to resist corrosion. Trim formed 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
12.0	11.0
304.8 mm	279.4 mm

LUMENS / WATTAGE DATA

PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
C1210SQGV15L	1500	1031	10	103
C1210SQGV27L	2700	1800	18	100
C1210SQGV37L	3700	2641	26	102
C1210SQGV55L	5500	3890	39	100

SERIES	LUMENS ¹	CCT	DRIVER / DIMMING ³	OPTIONS ⁷	TRIM	MOUNTING ¹¹	FINISH ¹⁶
C1210SQGV	15L	1500 Lm	27K 2700K	EX Electronic Driver, 120V/277V	FS Fuse Holder and Fuse	TCY ⁸ Same Color as Cylinder	MW ¹⁷ Matte White
	27L	2700 Lm	30K 3000K	DS10X 10%, 0-10V, 120V/277V	WL ⁹ Wet Location	TMW Matte White	MB ¹⁷ Matte Black
	37L	3700 Lm	35K 3500K	DO10X 1%, 0-10V, 120V/277V		TPT Platinum Silver	PT ¹⁷ Platinum Silver
	55L	5500 Lm	40K 4000K	DS2W1 ELV / MLV, 120V		TCC Custom Color	CC Custom Color
		50K 5000K	DLTE1 ⁴ Lutron 2-Wire Forward Phase (MLV), 120V			CD4X ^{8/12/14} 4X Cord / Cable Mount	
			DL3EX ⁴ 1% Lutron® EcoSystem® Fade, 120V/277V			SM Surface Mount	
			ED01X 0.1%, eldoLED 120V/277V			CQD ⁶ DMX Large Driver Canopy	
			DALIX DALI Control				
			DMXS ^{5/6} DMX Standard Configuration				
			DMXC ^{5/6} DMX Non-Standard Custom				
						EMERGECY BATTERY OPTIONS	
					SO ¹⁰ Micro Prism Solite™ Lens	EMIT ¹⁵ 7W Emergency Battery Test Switch	
					FG Frosted Glass Lens	EMRM 7W Remote EM	

EXAMPLE: C1210SQGV55L35KEX/TMWSO/SM/MW

NOTES:

1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens at 35K with TSG-SO 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 Standard Lens 11 See Mounting Page for Details on Components and Finishes 12 Specify Length in Inches: See Mounting Page for Available Lengths 13 Not for Use in Locations with Wind Exposure 14 EMxxxx Option Requires 2 Cords/Not Available for WL 15 EMIT Up to 37L 16 Reference Color Sheet Located on Product Webpage for Full List of Available Colors 17 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.

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GENERAL ILLUMINATION / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

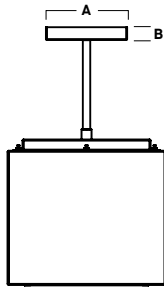
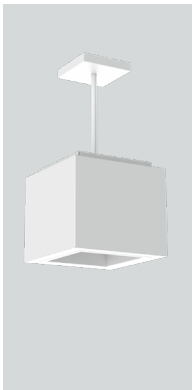


PT
PLATINUM SILVER



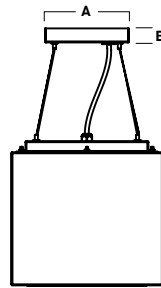
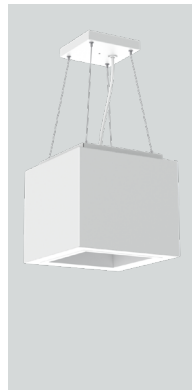
MOUNTING TYPES

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



A	B
6.5	1.5
165.4 mm	38.1 mm

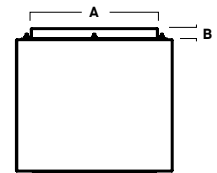
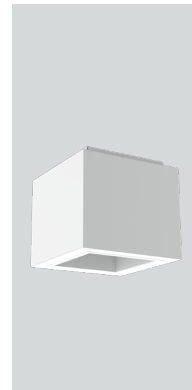
CD4X
4X CORD / CABLE MOUNT



A	B
6.5	1.5
165.4 mm	38.1 mm

*Not Available for Wet Location

SM
SURFACE MOUNT



A	B
9.7	.85
246.4 mm	21.6 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>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>AT** HANG STRAIGHT ALL THREAD 45° SWIVEL 5/8" OD STEM - 1/4" IP</p> <p>ORDER: AT (Length) SPECIFY LENGTH: AT12 - 12" AT24 - 24" AT36 - 36"</p> <p>FIELD CUT, THREADED PIPE TO LENGTH NEEDED CUT "PIPE COVER" 3/4" SHORTER THAN THREADED PIPE SLIP "PIPE COVER" OVER THREADED PIPE</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>SM SURFACE MOUNT WIRING COMPARTMENT / TOP HAT</p> <p>ORDER: SM TOP VIEW CANOPY 3.5 KEY SLOTS MOUNT CANOPY TO WALL JUNCTION BOX. JUNCTION BOX IS COVERED.</p>
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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.

DMX OPTION

CQD - LARGE DRIVER CANOPY FOR DMX OPTIONS

REMOTE EMERGENCY BATTERY OPTIONS

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

A	B	C
1.3	12.6	13.0

*OTHER EM BATTERY SIZES AVAILABLE, CONSULT FACTORY

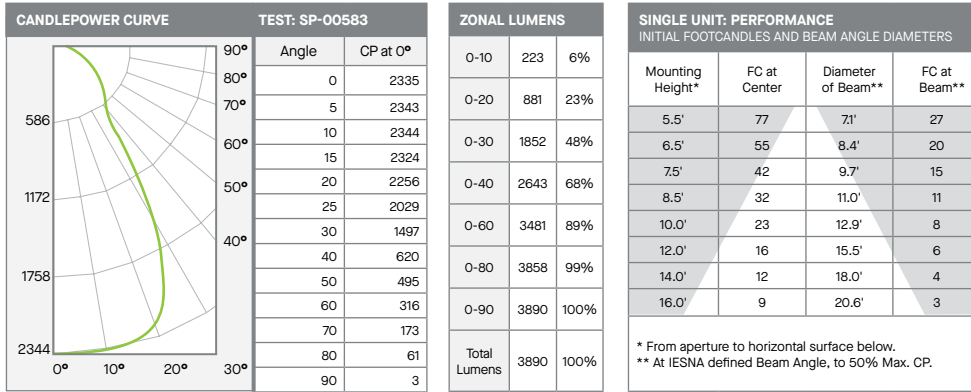
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GENERAL ILLUMINATION / PHOTOMETRIC DATA



C1210SQGV-55L35K-EX-TSG-SO

55L - 85 CRI



Beam Angle	Lumens	% of Total
0-10	223	6%
0-20	881	23%
0-30	1852	48%
0-40	2643	68%
0-60	3481	89%
0-80	3858	99%
0-90	3890	100%
Total Lumens	3890	100%

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	77	71"	27
6.5'	55	8.4'	20
7.5'	42	9.7'	15
8.5'	32	11.0'	11
10.0'	23	12.9'	8
12.0'	16	15.5'	6
14.0'	12	18.0'	4
16.0'	9	20.6'	3

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

Delivered Lumens: 3890 CP @ 0° (Nadir): 2335 Spacing Ratio: 1.08
 Luminaire Watts: 39 Beam Angle: 65.6° Output Multipliers: 15L x 0.27, 27L x 0.46, 37L x 0.68
 LER: 100 CRI: 84