

12" SQUARE DIRECT

GENERAL ILLUMINATION



C1210SQGV - WALL 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 pretreated to resist corrosion.

ELECTRONICS

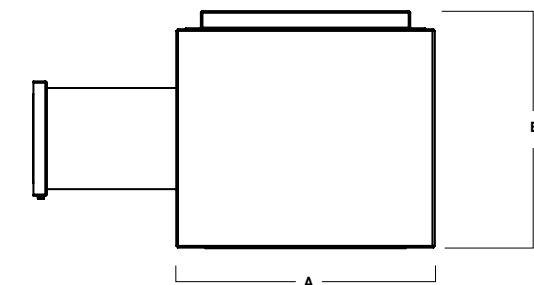
GV LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 85+. Higher CRI, R9 and custom LED configurations are available; consult factory. Variety of electronic 120V/277V and dimming drivers.

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
11.0	12.0
20.3 mm	304.8 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 ⁵	TRIM	MOUNTING ⁸	FINISH ¹⁰	
C1210SQGV	15L	1500 Lm	27K 2700K	EX Electronic Driver, 120V/277V DS10X 10%, 0-10V, 120V/277V DO10X 1%, 0-10V, 120V/277V DS2W1 ELV / MLV, 120V DLTE1 Lutron 2-Wire Forward Phase (MLV), 120V DL3EX 1% Lutron® EcoSystem® Fade, 120V/277V EDO1X 0.1%, eldoLED 120V/277V DALIX DALI Control	FS Fuse Holder and Fuse WL Wet Location	TCY ⁶ Same Color as Cylinder TMW Matte White TPT Platinum Silver TCC Custom Color	WM5 Wall Mount 5" Extension	MW ¹¹ Matte White MB ¹¹ Matte Black PT ¹¹ Platinum Silver CC Custom Color
	27L	2700 Lm	30K 3000K					
	37L	3700 Lm	35K 3500K					
	55L	5500 Lm	40K 4000K					
			50K 5000K					
					SO ⁷ Micro Prism Solite™ Lens FG Frosted Glass Lens	EMERGENCY BATTERY OPTIONS EMIT ⁹ 7W Emergency Battery Test Switch EMRM 7W Remote EM		

EXAMPLE: C1210SQGV55L35KEX/TMWSO/WM5/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 See Product Options Page For Details 6 Standard Finish 7 Standard Lens 8 See Mounting Page for Details on Components and Finishes 9 EMIT Up to 37L 10 Reference Color Sheet Located on Product Webpage for Full List of Available Colors 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.

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GENERAL ILLUMINATION / FIXTURE OPTIONS



STANDARD FINISHES

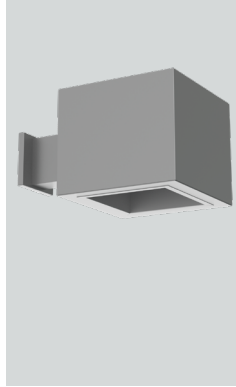
MW
MATTE WHITE



MB
MATTE BLACK

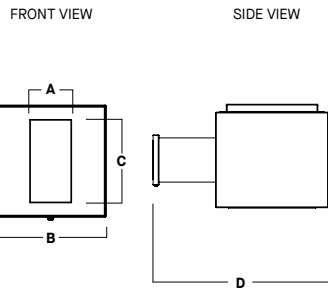
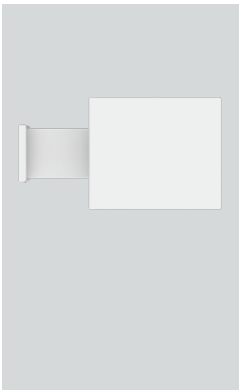


PT
PLATINUM SILVER



WALL MOUNT DETAIL

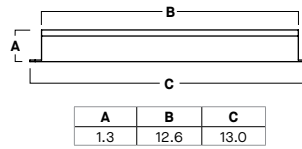
WM3
WALL MOUNT 3" EXTENSION



A	B	C	D
2.4	6.4	4.7	17.5
61.0 mm	162.6 mm	119.4 mm	444.5 mm

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

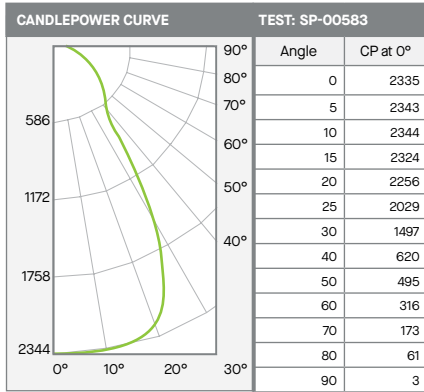
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GENERAL ILLUMINATION / PHOTOMETRIC DATA



C1210SQGV-55L35K-EX-TSG-SO

55L - 85 CRI



ZONAL LUMENS		
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%

SINGLE UNIT: PERFORMANCE			
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
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