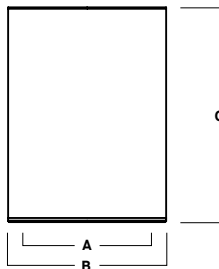


12" ROUND DIRECT / INDIRECT GENERAL ILLUMINATION



A	B	C
10.2 259.1 mm	11.7 297.2 mm	16.1 408.9 mm

C1216UDGV - 3X CORD / CABLE MOUNT

APPLICATION

12" round x 16" high cylinder with direct/indirect performance for auditorium and gathering spaces.

FEATURES

Spectrum's Cylinder series provides traditional architectural style with energy efficient illumination. Rugged design with flexible mounting, make these extremely versatile fixtures.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. 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

Seamless aluminum fixture housing. Passive machined aluminum heatsink. Stainless steel hardware with galvanized steel brackets to resist corrosion.

CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Manufactured and tested to UL standards No. 1598/8750.

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
C1216UDGV15L15L	3000	2139	20	107
C1216UDGV27L27L	5400	3734	36	104
C1216UDGV37L37L	7400	5477	52	105
C1216UDGV37L55L	9200	6736	65	104

SERIES	LUMENS ¹		CCT		DRIVER / DIMMING ⁴		OPTIONS ⁷		TRIM		MOUNTING ⁹		FINISH ¹²	
C1216UDGV	UPLIGHT ³		DOWNLIGHT		27K 2700K	EX Electronic Driver, 120V/277V	2CIR 2 Circuit (2 Cords)	TSG Semi Diffuse Low Iridescent Clear	CD3X ^{10/11} CGD ⁹ 3X Cord / Cable Mount DMX Large Driver Canopy	MW ¹³ Matte White	MB ¹³ Matte Black	PT ¹³ Platinum Silver	CC Custom Color	
	15L 1500 Lm	15L 1500 Lm	30K 3000K	DS10X 10%, 0-10V, 120V/277V										
	27L 2700 Lm	27L 2700 Lm	35K 3500K	DO10X 1%, 0-10V, 120V/277V										
	37L 3700 Lm	37L 3700 Lm	40K 4000K	DS2W1 ELV / MLV; 120V DMX										
		55L 5500 Lm	50K 5000K	DMXS ^{5/6} Standard Configuration	DMXC ^{5/6} DMX Non-Standard Custom		TCC Custom Color							
								LENS		EMERGENCY BATTERY OPTIONS				
								SO ⁸ Micro Prism Solite™ Lens		EMRM 7W Remote EM				
								FG Frosted Glass Lens						

EXAMPLE: C1216UDGV27L37L35KEX/TSGSO/CD3x36/MW

NOTES:

¹ Nominal Source Lumens at 35K ² Nominal Delivered Lumens at 35K with SO-TSG-SO ³ ¼" Clear Glass Only ⁴ Contact Factory for Additional Options ⁵ Contact Factory ⁶ CGD Required for DMXS/C ⁷ See Product Options Page For Details ⁸ Standard Lens ⁹ See Mounting Page for Details on Components and Finishes ¹⁰ Specify Length in Inches: See Mounting Page for Available Lengths ¹¹ EMxxx Option Requires 2 Cords ¹² Reference Color Sheet Located on Product Webpage for Full List of Available Colors ¹³ 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.

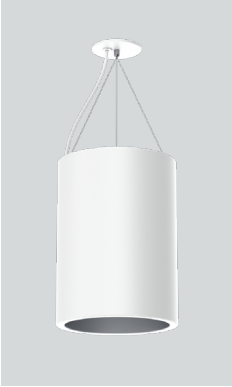
12" ROUND DIRECT / INDIRECT

GENERAL ILLUMINATION / FIXTURE OPTIONS

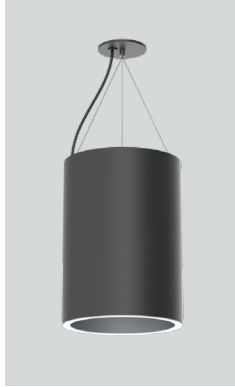


STANDARD FINISHES

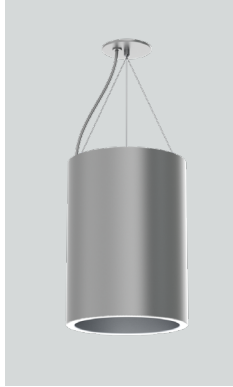
MW
MATTE WHITE



MB
MATTE BLACK



PT
PLATINUM SILVER



MOUNTING TYPES

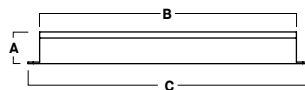
CD3X
3X CORD / CABLE MOUNT



A	B
5.0	.25
127.0 mm	6.4 mm

EMERGENCY BATTERY OPTIONS

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

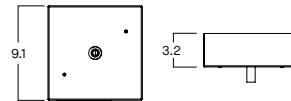


A	B	C
1.3	12.6	13.0

*OTHER EM BATTERY SIZES AVAILABLE, CONSULT FACTORY

DMX OPTION

CGD - LARGE DRIVER CANOPY
FOR DMX OPTIONS



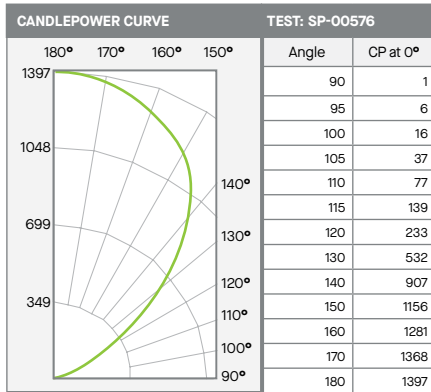
12" ROUND DIRECT / INDIRECT

GENERAL ILLUMINATION / PHOTOMETRIC DATA



C1216UDGV-37L35K-EX-TSG-SO_Up

37L - 85 CRI

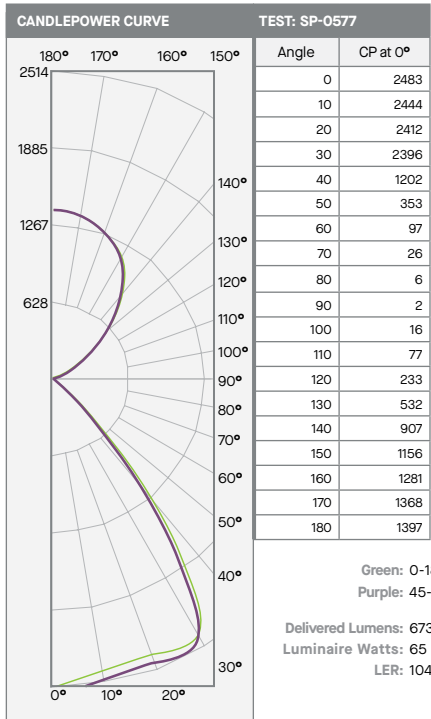


Angle Range	Lumens	%
0-90	0	0%
90-110	58	2%
90-120	209	7%
90-130	546	19%
90-150	1747	62%
90-180	2818	100%
0-180	2818	100%
Total Lumens	2818	100%

Delivered Lumens: 2818 CP @ 0° (Nadir): 1 Spacing Ratio: N/A
 Luminaire Watts: 26 Beam Angle: 91.4° Output Multipliers: 15L x 0.39, 27L x 0.68
 LER: 108 CRI: 84

C1216UDGV-37L55L-35KEX-SO-TSG-SO-MW(Up_Down)

37L-55L - 85 CRI



Angle Range	Lumens	%
0-20	931	14%
0-40	3186	47%
0-60	3847	57%
0-90	3921	58%
90-120	209	3%
90-150	1745	26%
90-180	2815	42%
Total Lumens	6736	100%

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	82	7.7'	28
6.5'	59	9.1'	20
7.5'	44	10.5'	15
8.5'	34	11.9'	12
10.0'	25	14.0'	8
12.0'	17	16.8'	6
14.0'	13	19.6'	4
16.0'	10	22.4'	3

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

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	155	8.2'	38
5.0'	99	10.2'	24
6.0'	69	12.2'	17
8.0'	39	16.3'	10
10.0'	25	20.4'	6
12.0'	17	24.5'	4
14.0'	13	28.5'	3
16.0'	10	32.6'	2

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

Green: 0-180
 Purple: 45-225
 Delivered Lumens: 6736 CP @ 0° (Nadir): 2483 Spacing Ratio: N/A
 Luminaire Watts: 65 Direct Beam Angle: 70°
 LER: 104 Indirect Beam Angle: 91.1°
 CRI: 84

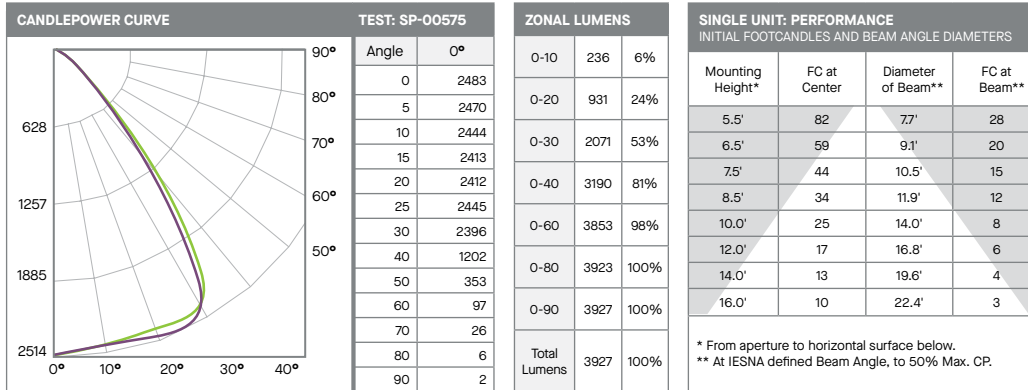
12" ROUND DIRECT / INDIRECT

GENERAL ILLUMINATION / PHOTOMETRIC DATA



C1216UDGV-55L35K-EXTSG-SO_Down

55L - 85 CRI



Green: 0-180
Purple: 45-225

Delivered Lumens: 3927 CP @ 0° (Nadir): 2483
Luminaire Watts: 39 Beam Angle: 70°
LER: 101 CRI: 84

Spacing Ratio: 1.32
Output Multipliers: 15L x 0.27, 27L x 0.49, 37L x 0.67