8" ROUND DIRECT
PRO-FORM SERIES

cylinders

C0812GV - CEILING MOUNT

APPLICATION
8" round x 12" high output 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. DMX controls available.

CONSTRUCTION
Extruded seamless aluminum fixture housing. 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. Manufactured and tested to UL standards No. 1598/8750.
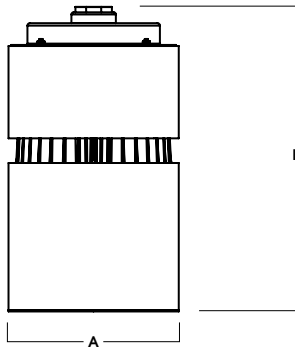
A	B
8.0 203.2 mm	13.3 308.8 mm

LUMENS / WATTAGE DATA

PART NUMBER	SOURCE LUMENS[1]	DELIVERED LUMENS[2]	SYSTEM WATTS	LPW
C0812GV15L	1500	987	10	99
C0812GV27L	2700	1723	18	96
C0812GV37L	3700	2527	26	97
C0812GV55L	5500	3722	39	95

SERIES	LUMENS[1]		CCT		DRIVER / DIMMING[3]		OPTIONS[7]		TRIM		MOUNTING[8]		FINISH[11]	
C0812GV	15L	1500 Lm	27K	2700K	EX	Electronic Driver, 120V/277V	FS	Fuse Holder and Fuse	TSG	Semi Diffuse Low Iridescent Clear	HM[9]	Hang Straight	MW[12]	Matte White
	27L	2700 Lm	30K	3000K	DS10X	10%, 0-10V, 120V/277V			TCY	Same Color as Cylinder	PM[9]	Rigid Pendant Mount	MB[12]	Matte Black
	37L	3700 Lm	35K	3500K	DO10X	1%, 0-10V, 120V/277V			TCC	Custom Color	AT[9]	Hang Straight All Thread	PT[12]	Platinum Silver
	55L	5500 Lm	40K	4000K	DS2W1	ELV / MLV,120V					CD[9/10]	Cord / Cable Mount	CC	Custom Color
			50K	5000K	DLTE1[4]	Lutron 2-Wire Forward Phase (MLV), 120V					SM	Surface Mount		
					DL3EX[4]	1% Lutron® EcoSystem® Fade, 120V/277V					CQD[6]	DMX Large Driver Canopy		
					ED01X	0.1%, eldoLED 120V/277V			LENS		EMERGENCY BATTERY OPTIONS			
					DALIX	DALI Control			SO	Micro Prism Solite™ Lens	EMCR	10W Canopy Mounted EM	See Page 5 for Full Range of Color Options (83-90095)	
					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	EMEN	7W Remote with Enclosure		

EXAMPLE: C0812GV37L35KEX/TSG/HM36/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 See Mounting Page for Details on Components and Finishes   9 Specify Length in Inches: See Mounting Page for Available Lengths   10 EMxxxx Option Requires 2 Cords   11 See Color Page for More Options/Consult Factory for Special Finishes   12 Standard Finishes

SPECTRUM LIGHTING INC.

PROJECT: _____

TYPE: _____

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

8" ROUND DIRECT

PRO-FORM SERIES / FIXTURE OPTIONS

cylinders

STANDARD FINISHES

MW
MATTE WHITE

MB
MATTE BLACK

PT
PLATINUM SILVER

MOUNTING TYPES

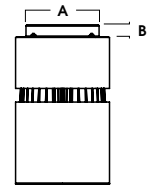**HM / PM / AT**
HANG STRAIGHT / PENDANT / ALL THREAD
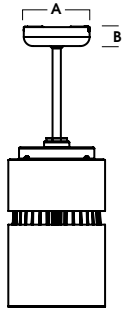
A	B
5.0	1.5
127.0 mm	38.1 mm

CD
CORD / CABLE MOUNT
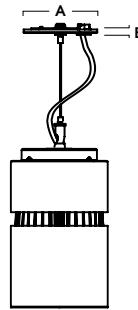
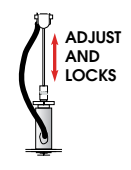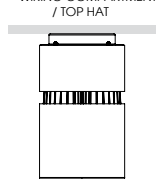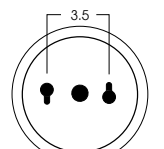| A	B
5.0	.25
127.0 mm	6.4 mm

SM
SURFACE MOUNT
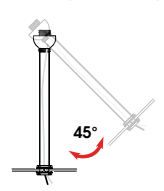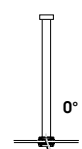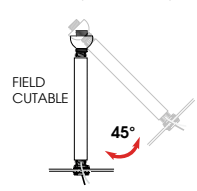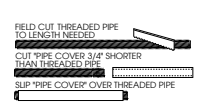
A	B
6.2	1.1
157.5 mm	27.9 mm

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.
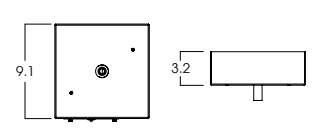
cylinders

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

CD
CORD / CABLE MOUNT

SJ CORD WITH 1/16 SS CABLE

**ADJUST
AND
LOCKS**

ORDER: **CD** (Length)
SPECIFY LENGTH:

CD36 - 36"
CD72 - 72"
CD144 - 144"

CDLC(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.
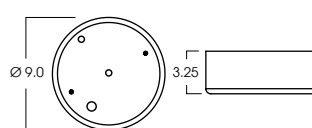
DMX OPTION

CQD - LARGE DRIVER CANOPY
FOR DMX OPTIONS

9.1

3.2
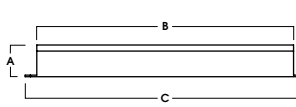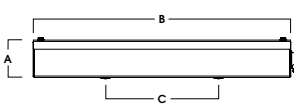
EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR
10W EMERGENCY BATTERY

Ø 9.0

3.25

REMOTE EMERGENCY BATTERY OPTIONS

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

B
A
C

A	B	C
1.3	12.6	13.0

EMEN* - 7W REMOTE EMERGENCY BATTERY
WITH ENCLOSURE (50′ MAX)

B
A
C

A	B	C
2.0	17.0	6.2

*OTHER EM BATTERY SIZES AVAILABLE, CONSULT FACTORY

SPECTRUM LIGHTING INC.

83-00066_RF

8" ROUND DIRECT

PRO-FORM SERIES / PHOTOMETRIC DATA

cylinders

C0812GV-55L35K-EX-TSG-SO

55L - 85 CRI

CANDLEPOWER CURVE	TEST: SP-00577_2

Angle	CP at 0°
0	2162
5	2160
10	2200
15	2297
20	2411
25	2442
30	2131
40	893
50	397
60	85
70	13
80	3
90	2
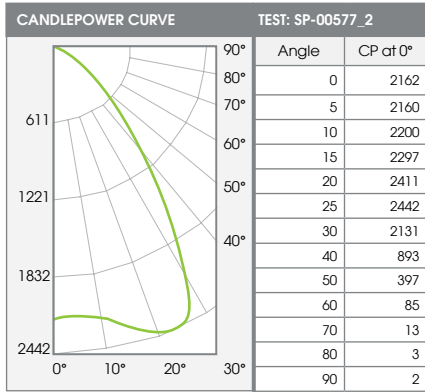
ZONAL LUMENS

0-10	206	6%
0-20	846	23%
0-30	1930	52%
0-40	2911	78%
0-60	3658	98%
0-80	3720	100%
0-90	3722	100%
Total Lumens	3722	100%

SINGLE UNIT: PERFORMANCE
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	71	7.4'	25
6.5'	51	8.8'	18
7.5'	38	10.1'	13
8.5'	30	11.5'	10
10.0'	22	13.5'	7
12.0'	15	16.2'	5
14.0'	11	18.9'	4
16.0'	8	21.6'	3

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

Delivered Lumens: 3722 **CP @ 0° (Nadir):** 2162 **Spacing Ratio:** 1.28
Luminaire Watts: 39 **Beam Angle:** 68° **Output Multipliers:** 15L x 0.27, 27L x 0.46, 37L x 0.68
LER: 95 **CRI:** 84

COLOR OPTIONS - POWDER COAT PAINT FINISHES

NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL.
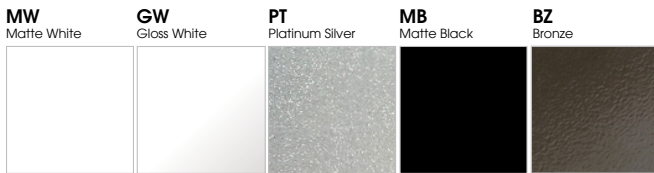SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.

SPECTRUM
POWDER COAT COLORS

STANDARD CORD / STEM / CANOPY FINISHES

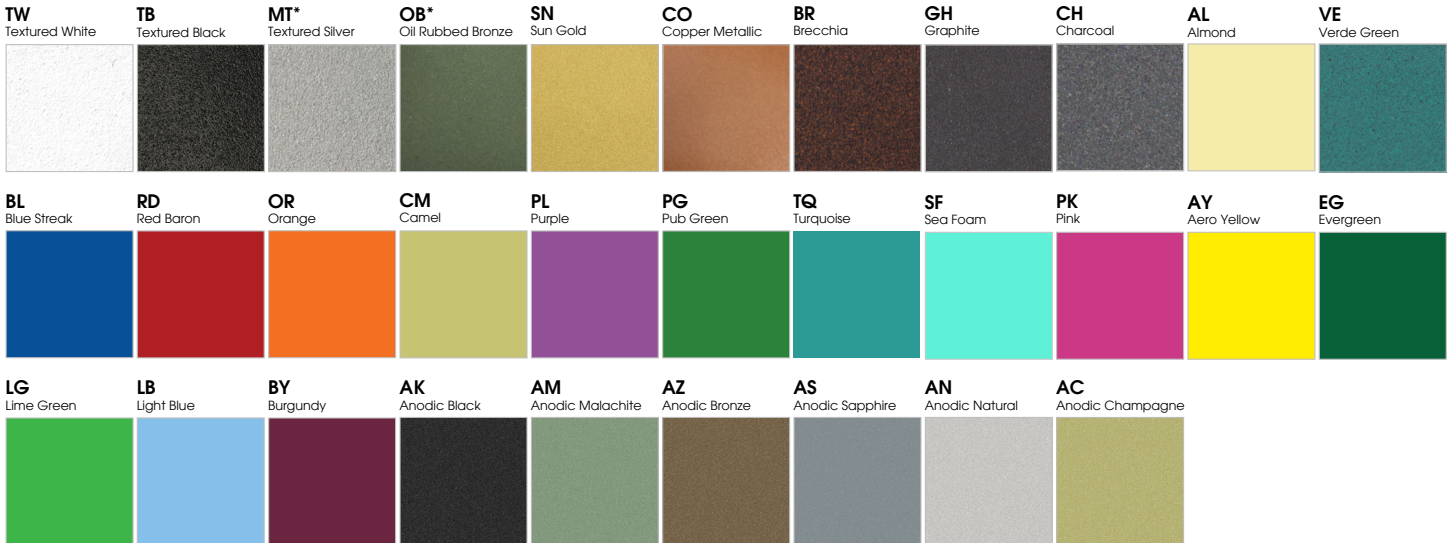| FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

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

CC

*UNAVAILABLE FOR WET LOCATION

SPECTRUM LIGHTING INC.

83-90095_RA