RLM CLASSICS

WAREHOUSE DOME
DAMP LOCATION
INTERIOR - CLASSICS

PROJECT:

TYPE:

WD1812GV
EG - Evergreen

WD1812GV
OR - Orange

WD1812GV
GW - Gloss White

WD1812GV
TQ - Turquoise

SERIES	LUMENS[1]		CCT		DRIVER / DIMMING[2]		ACCESSORIES[3]		MOUNTING[5]		INTERIOR[8]		FINISH[8]	
WD1611GV	15L	1500 Lm	27K	2700K	EX	Electronic Driver, 120V/277V	TF2[4]	4" Frosted Dome	WALL MOUNT		MWI[9]	Matte White	MW[9]	Matte White
WD1812GV	27L	2700 Lm	30K	3000K	DS10X	10%, 0-10V, 120V/277V	TG2	4" Dome Wire Guard	CP6	Wall Mount Cover	CCI	Custom Color	MB[9]	Matte Black
WD2015GV	37L	3700 Lm	35K	3500K	DO10X	1%, 0-10V, 120V/277V	MF2	4" Frosted Mini	PA_[6]	Mounting Arm Style	FCI	Fixture Color Interior	PT[9]	Platinum Silver
	55L	5500 Lm	40K	4000K	DS2W1	ELV/MLV, 120V	MG2	4" Short Wire Guard	CEILING MOUNT				CC	Custom Color
							FJ2	4" Frosted Tall	HM[7]	Hang Straight				
							FG2	4" Tall Wire Guard	AT[7]	Hang Straight All Thread	See Page 5 for Full Range of Color Options (83-90082)		See Page 5 for Full Range of Color Options (83-90082)	
									PM[7]	Rigid Pendant Mount				
									CD[7]	Cord / Cable Mount				
									CM[7]	Cord Mount				
									EMCR	10W Large Driver Canopy EM				
									EMRM	7W Remote EM				
									EMEN	7W Remote with Enclosure				

EXAMPLE: WD1812GV15L30KEXFJ2/HM36MWICH

NOTES:
1 Nominal Source Lumens at 35K **2** Contact Factory for Additional Options **3** See Enclosures & Guards Page for Wire Guards and Additional Options **4** Standard Enclosure
5 See Mounting Page for Details on Components and Finishes **6** See Mounting Page for Available Arm Options **7** Specify Length in Inches: See Mounting Page for Available Lengths
8 See Color Page for More Options/Consult Factory for Special Finishes **9** Standard Finishes

SPECTRUM LIGHTING INC.

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.
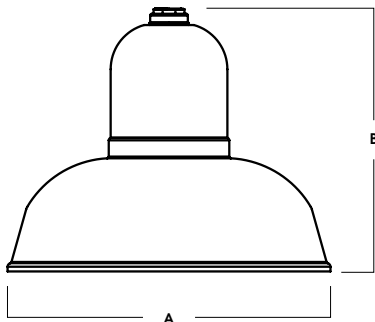
WAREHOUSE DOME
DAMP LOCATION
INTERIOR - CLASSICS

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS[1]	DELIVERED LUMENS[2]	SYSTEM WATTS	LPW
WD1611GV15L	1500	1091	10	109
WD1611GV27L	2700	1906	18	106
WD1611GV37L	3700	2800	26	108
WD1611GV55L	5500	4117	39	106

1 Nominal Source Lumens at 35K **2** Nominal Delivered Lumens at 35K

HOUSING DIMENSIONS

Dimensioned with **WD1812GV**

SERIES	A	B
WD1611GV	16.5	14.0
WD1812GV	17.9	14.6
WD2015GV	20.0	13.7

APPLICATION
The Warehouse Dome is designed for decorative general illumination. GV Series is designed for damp or dry locations.

FEATURES
Spectrum Lighting's RLM Classics are inspired by vintage lighting fixtures redesigned with modern LED light sources and materials. The wide range of options for illumination, mounting, enclosures, guards and finishes allows for creative fixture specification and design. LED driver is integral to fixture, special driver canopy is required. LED module and driver are serviceable for future replacement. Available in three sizes.

FINISH
Multi-stage polyester powder-coat process applied on our dedicated paint lines. Variety of standard and custom finishes are available. Interior is Matte White unless specified. Custom Color interior finish available.

ELECTRONICS
GV LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available; consult factory. Choice of electronic 120V/277V and dimming drivers.

CONSTRUCTION
Fixture shades are spun in our factory from 0.063 high purity aluminum. Wall mount canopies are die-cast aluminum with stainless steel hardware. Wall arms are formed 3/4 NPT aluminum pipe and may be field cut.

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.

SERIES SIZES

WD1611GV

WD1812GV

WD2015GV

WALL MOUNT
(SEE MOUNTING PAGES FOR MORE OPTIONS & DIMENSIONS.)

PA_
MOUNTING ARM STYLE

WD1812GV SHOWN WITH PA23

CEILING MOUNT
(SEE MOUNTING PAGES FOR MORE OPTIONS & CANOPY DIMENSIONS.)

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

WD1812GV SHOWN WITH HM

CD
CORD / CABLE MOUNT

WD1812GV SHOWN WITH CD

CM
CORD MOUNT

WD1812GV SHOWN WITH CM

SPECTRUM LIGHTING INC.

WD1611GV-55L-35K-EX-TF2-MWI

CANDLEPOWER CURVE

INTENSITY

	0.00°
0.00°	1,828
5.00°	1,827
10.00°	1,797
15.00°	1,751
20.00°	1,681
30.00°	1,489
40.00°	1,286
50.00°	1,005
60.00°	361
70.00°	138
80.00°	57
90.00°	1

ZONAL LUMENS

0° - 10°	176	4%
0° - 20°	669	16%
0° - 30°	1,401	34%
0° - 40°	2,269	55%
0° - 60°	3,770	92%
0° - 80°	4,092	99%
0° - 90°	4,116	100%
Total	4,116	100%

SINGLE UNIT: PERFORMANCE
INITIAL FOOTCANDLES
BASED ON IES BEAM ANGLE

Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge
6.0 '	51 fc	15.1 '	19 fc
8.0 '	29 fc	20.2 '	11 fc
10.0 '	18 fc	25.2 '	7 fc
12.0 '	13 fc	30.3 '	5 fc
14.0 '	9 fc	35.3 '	3 fc
16.0 '	7 fc	40.4 '	3 fc
20.0 '	5 fc	50.5 '	2 fc
24.0 '	3 fc	60.5 '	1 fc

MULTIPLE UNITS: PERFORMANCE
80/50/20% REFLECTANCES
INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT

Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
		FC *	W/Sq. Ft.	FC *	W/Sq. Ft.
14'	12' *	27	0.28	22	0.28
18'	14' **	21	0.21	11	0.14
22'	16' ***	13	0.13	15	0.18
Delivered Illuminance Rating: (DIR)		99 FC per W/Sq. Ft.		80 FC per W/Sq. Ft.	

2' Suspension Length
Square rooms used for multiple units:
- RCR 2: Length & Width = Ceiling Ht. -4.5' x 5.00
- RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50
* Average Footcandles at 2.5' Above Floor
* Exceeds spacing criteria by 4%
** Exceeds spacing criteria by -14%
*** Exceeds spacing criteria by -24%

Delivered Lumens: 4,116
Luminaire Watts: 39
LER: 105.54

CP at 0deg (Nadir): 1,828
CRI: 85+

Beam Angle: 103.18
Spacing Ratio: 1.21

Lamp Multiplier: 15L x 0.265, 27L x 0.463, 37L x 0.68
CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03

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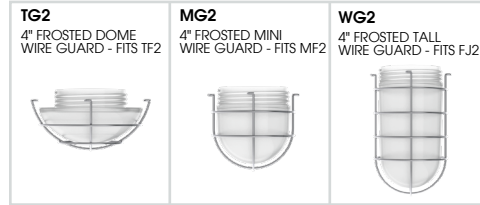
MOUNTING & ACCESSORIES

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 RLM SPECIFICATION FOR MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.

RLM CLASSICS

ENCLOSURES UP TO 55L

TF2 — 4" FROSTED DOME
MF2 — 4" FROSTED MINI
FJ2 — 4" FROSTED TALL

ENCLOSURE WIRE GUARDS UP TO 55L

TG2 — 4" FROSTED DOME WIRE GUARD - FITS TF2
MG2 — 4" FROSTED MINI WIRE GUARD - FITS MF2
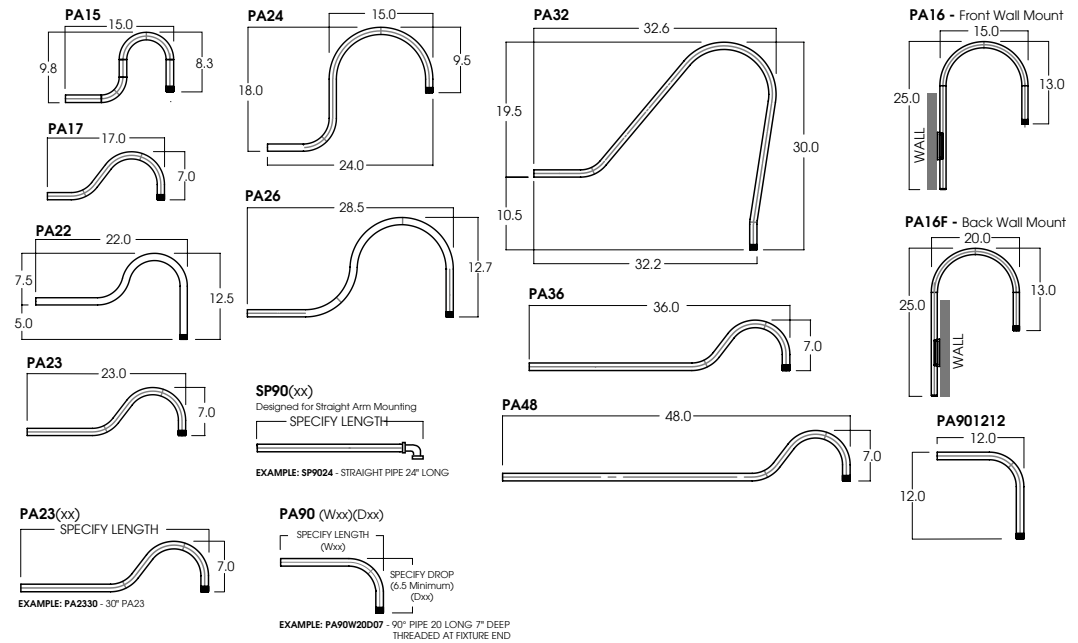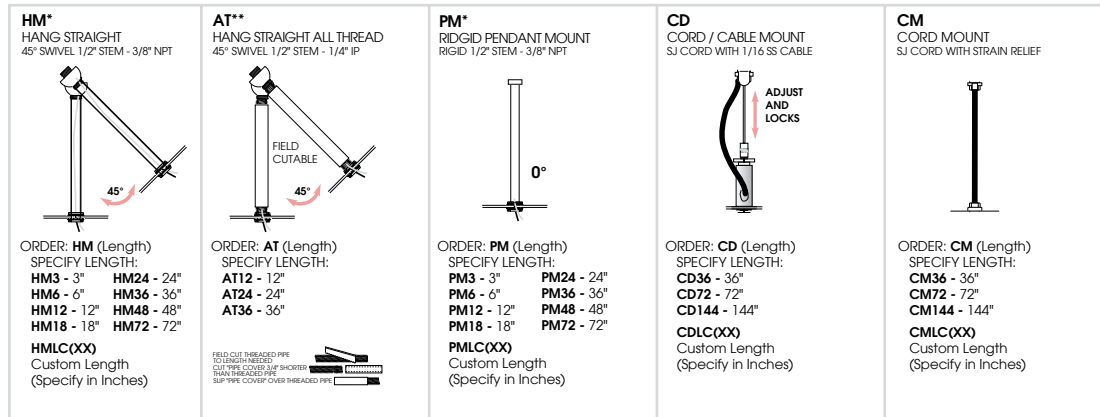**WG2** — 4" FROSTED TALL WIRE GUARD - FITS FJ2

WALL MOUNTING

CP6/RMD - REMOTE MOUNT DRIVER
MOUNTS DIRECTLY TO WALL OR OCTAGON STYLE J-BOX

Ø 4.7
1.8

CUSTOM AND OTHER WALL ARMS AVAILABLE - CONTACT FACTORY. ARMS MAY BE FIELD CUT ON WALL SIDE - FIXTURE SIDE THREADED 3/4" NPT REQUIRES SEALANT FOR WET LOCATION.
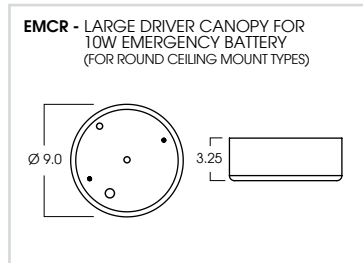
PA15 — 15.0 / 9.8 / 8.3

PA24 — 15.0 / 18.0 / 24.0 / 9.5

PA32 — 32.6 / 19.5 / 10.5 / 30.0 / 32.2

PA16 - Front Wall Mount — 15.0 / 25.0 / 13.0 / WALL

PA17 — 17.0 / 7.0

PA22 — 22.0 / 7.5 / 5.0 / 12.5

PA26 — 28.5 / 12.7

PA36 — 36.0 / 7.0

PA16F - Back Wall Mount — 20.0 / 25.0 / 13.0 / WALL

PA23 — 23.0 / 7.0

SP90(xx)
Designed for Straight Arm Mounting
SPECIFY LENGTH
EXAMPLE: SP9024 - STRAIGHT PIPE 24" LONG

PA48 — 48.0 / 7.0

PA901212 — 12.0 / 12.0

PA23(xx)
SPECIFY LENGTH / 7.0
EXAMPLE: PA2330 - 30" PA23

PA90 (Wxx)(Dxx)
SPECIFY LENGTH (Wxx)
SPECIFY DROP (6.5 Minimum) (Dxx)
EXAMPLE: PA90W20D07 - 90° PIPE 20 LONG 7" DEEP THREADED AT FIXTURE END

CEILING MOUNTING

HM*
HANG STRAIGHT
45° SWIVEL 1/2" STEM - 3/8" NPT
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)

AT* *
HANG STRAIGHT ALL THREAD
45° SWIVEL 1/2" 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

PM*
RIDGID PENDANT MOUNT
RIGID 1/2" STEM - 3/8" NPT
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)

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)

CM
CORD MOUNT
SJ CORD WITH STRAIN RELIEF
ORDER: **CM** (Length)
SPECIFY LENGTH:
CM36 - 36"
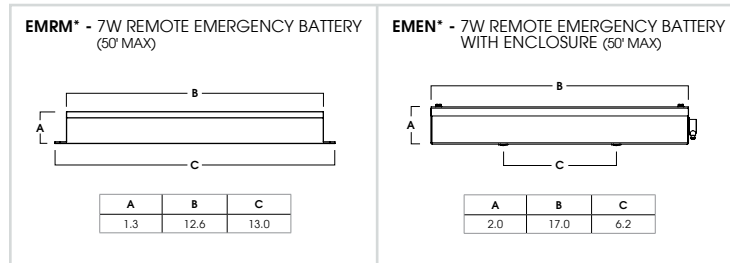CM72 - 72"
CM144 - 144"
CMLC(XX)
Custom Length
(Specify in Inches)

*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.
**ORDER IN 12" INCREMENTS, ODD SIZES MAY BE FIELD CUT

EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY
(FOR ROUND CEILING MOUNT TYPES)
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, CONTACT FACTORY.

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, Gloss 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	$$	🕐🕐
Tier 3 - Special Metal Finishes	$$$	🕐🕐🕐
Custom Color	Contact Factory	Contact Factory

*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

TIER 1 - STANDARD FINISHES

MW	GW	PT	MB	GB	BZ
Matte White	Gloss White	Platinum Silver	Matte Black	Gloss Black	Bronze

TIER 2 - TYPICAL FINISHES

TW	TB	MT*	OB*	SN	CO	BR	GH	CH	AL	VE
Textured White	Textured Black	Textured Silver	Oil Rubbed Bronze	Sun Gold	Copper Metallic	Brecchia	Graphite	Charcoal	Almond	Verde Green

BL	RD	OR	CM	PL	PG	TQ	SF	PK	AY	EG
Blue Streak	Red Baron	Orange	Camel	Purple	Pub Green	Turquoise	Sea Foam	Pink	Aero Yellow	Evergreen

LG	LB	BY	AK	AM	AZ	AS	AN	AC
Lime Green	Light Blue	Burgundy	Anodic Black	Anodic Malachite	Anodic Bronze	Anodic Sapphire	Anodic Natural	Anodic Champagne

TIER 3 - SPECIAL METAL FINISHES

NOT AVAILABLE ON ALL FIXTURES. PLEASE CONSULT SPECIFICATION SHEETS OR FACTORY FOR AVAILABILITY.

GA*	BA*/**	GF*
Galvanized	Brushed Aluminum	Gold Flake

CUSTOM COLOR FINISHES

CONTACT FACTORY

CC
Custom Color

CC

*UNAVAILABLE FOR WET LOCATION

** UNAVAILABLE FOR INTERIOR

SPECTRUM LIGHTING INC.

83-90082_RA