RLM CLASSICS

ANGLED REFLECTOR
DAMP LOCATION
INTERIOR - SIGN LIGHTS

AR1214GV
CO - Copper Metallic

AR1214GV
PT - Platinum Silver

AR1214GV
MB - Matte Black

AR1214GV
AS - Anodic Sapphire

SERIES	LUMENS[1]		CCT		DRIVER / DIMMING[2]		ACCESSORIES[5]		MOUNTING[7]		FINISH[12]	
AR0808GV	15L	1500 Lm	27K	2700K	EX	Electronic Driver, 120V/277V	TF1[6]	3" Frosted Dome		WALL MOUNT	MW[13]	Matte White
AR1012GV	27L	2700 Lm	30K	3000K	DS10X	10%, 0-10V, 120V/277V	TG1	3" Dome Wire Guard	CP104[8]	Small Driver Canopy	MB[13]	Matte Black
AR1214GV			35K	3500K	DO10X[3]	1%, 0-10V, 120V/277V	MF1	3" Frosted Mini	CP106[8]	Large Driver Canopy	PT[13]	Platinum Silver
			40K	4000K	DS2W1	ELV/MLV, 120V	MG1	3" Short Wire Guard	CP6/RMD	Remote Mount Driver	CC	Custom Color
					DLTE1[4]	Lutron® 2-Wire Forward Phase (MLV), 120V	FJ1	3" Frosted Tall	PA_[9]	Mounting Arm Style		
					DL3EX[4]	1%, Lutron® EcoSystem®, Fades to Black, 120V/277V	FG1	3" Tall Wire Guard	PA23	Mounting Arm Style	See Page 5 for Full Range of Color Options (83-90083)	
										CEILING MOUNT		
									RDC5	Small Driver Canopy		
									CP13	Large Driver Canopy		
									HM[10]	Hang Straight		
									AT[10]	Hang Straight All Thread		
									PM[10]	Rigid Pendant Mount		
									EMCR[11]	10W Large Driver Canopy EM		
									EMRM	7W Remote EM		
									EMEN	7W Remote with Enclosure		

■ QUICK SHIP

EXAMPLE: AR1012GV27L27KDS10X/TF1/CP104PA23/MW

NOTES:
1 Nominal Source Lumens at 35K   2 Contact Factory for Additional Options   3 Available with CP106/RDC5/CP13 Only   4 Available with CP106/CP13 Only
5 See Enclosures & Guards Page for Wire Guards and Additional Options   6 Standard Enclosure   7 See Mounting Page for Details on Components and Finishes
8 Contact Factory for Knock Out Holes   9 See Mounting Page for Available Arm Options   10 Specify Length in Inches: See Mounting Page for Available Lengths
11 EMCR Replaces RDC5 or CP13   12 See Color Page for More Options/Consult Factory for Special Finishes   13 Standard Finishes

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.
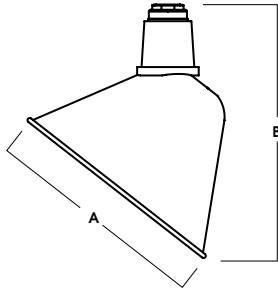
SPECTRUM LIGHTING INC.

ANGLED REFLECTOR
DAMP LOCATION
INTERIOR - SIGN LIGHTS

RLM CLASSICS

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS[1]	DELIVERED LUMENS[2]	SYSTEM WATTS	LPW
AR1214GV15L	1500	1050	10	105
AR1214GV27L	2700	1833	18	102

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

HOUSING DIMENSIONS

Dimensioned with AR1214GV

SERIES	A	B
AR0808GV	8.0	9.0
AR1012GV	10.3	11.3
AR1214GV	12.0	13.8

QUICK SHIP
Quick Ship Surface highlights products that can ship in 5 - 10 working days.

APPLICATION
Angled Reflector light is perfect for a variety of sign and surface lighting applications. 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 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. Matte White interior standard.

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.
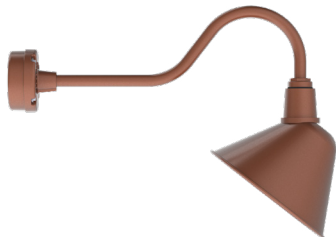
SERIES SIZES

AR0808GV

AR1012GV

AR1214GV

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

PA_
MOUNTING ARM STYLE

AR1214GV SHOWN WITH CP104PA23

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

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

AR1214GV SHOWN WITH RDC5PM

SPECTRUM LIGHTING INC.

AR1214GV-27L-35K-EX-TF1-MWI

CANDLEPOWER CURVE

Delivered Lumens: 1,830
Luminaire Watts: 18
LER: 101.67

INTENSITY

	0.00°
0.00°	901
5.00°	898
10.00°	877
15.00°	841
20.00°	794
30.00°	667
40.00°	426
50.00°	170
60.00°	85
70.00°	43
80.00°	18
90.00°	3

CP at 0deg (Nadir): 901
CRI: 85+

ZONAL LUMENS

0° - 10°	85	5%
0° - 20°	297	16%
0° - 30°	557	30%
0° - 40°	829	45%
0° - 60°	1,315	72%
0° - 80°	1,626	89%
0° - 90°	1,722	94%
Total	1,830	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
5.50 '	30 fc	5.9 '	14 fc
6.50 '	21 fc	7.0 '	10 fc
7.50 '	16 fc	8.1 '	8 fc
8.50 '	12 fc	9.2 '	6 fc
10.00 '	9 fc	10.8 '	4 fc
12.00 '	6 fc	12.9 '	3 fc
14.00 '	5 fc	15.1 '	2 fc
16.00 '	4 fc	17.2 '	2 fc

Beam Angle: 72.39
Spacing Ratio: 1.11

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.
8'	8' *	21	0.24	16	0.24
12'	10' **	18	0.20	14	0.20
16'	12' ***	12	0.14	6	0.09
Delivered Illuminance Rating: (DIR)		88 FC per W/Sq. Ft.		70 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 106%
** Exceeds spacing criteria by 20%
*** Exceeds spacing criteria by -6%

Lamp Multiplier: 15L x 0.573
CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03, 50K x 1.06

SPECTRUM LIGHTING INC.

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.
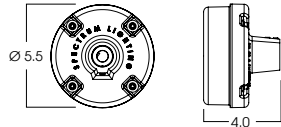
ENCLOSURES UP TO 27L

TF1
3" FROSTED DOME

MF1
3" FROSTED MINI

FJ1
3" FROSTED TALL

ENCLOSURE WIRE GUARDS UP TO 27L

TG1
3" FROSTED DOME
WIRE GUARD - FITS TF1

MG1
3" FROSTED MINI
WIRE GUARD - FITS MF1

FG1
3" FROSTED TALL
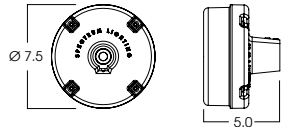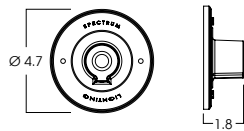WIRE GUARD - FITS FJ1

WALL MOUNTING

CP104 - SMALL DRIVER CANOPY (STANDARD)
MAY BE USED AS SPLICE BOX FOR DIRECT FEED
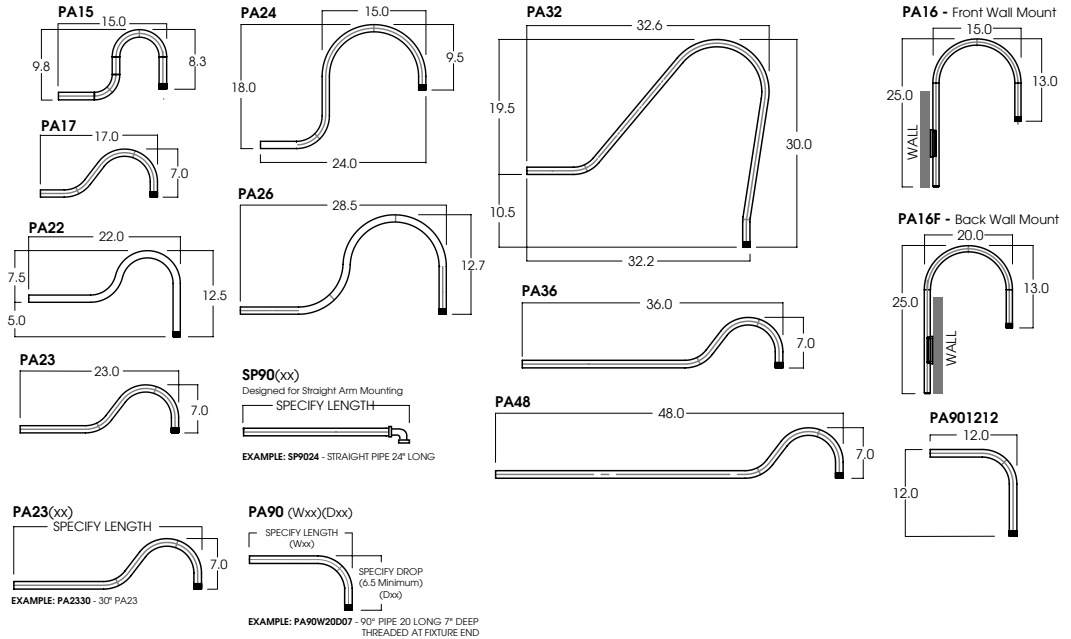
Ø 5.5
4.0

CP106 - LARGE DRIVER CANOPY
MAY BE USED AS SPLICE BOX FOR DIRECT FEED

Ø 7.5
5.0

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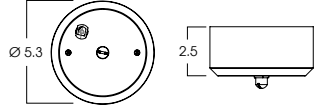MOUNTS DIRECTLY TO WALL OR OCTAGON STYLE J-BOX

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

PA26 28.5 / 12.7

PA22 22.0 / 7.5 / 5.0 / 12.5

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

RDC5 - SMALL DRIVER CANOPY (STANDARD)
MOUNTS TO 4" OCTO J-BOX

Ø 5.3
2.5

CP13 - LARGE DRIVER CANOPY

Ø 7.0
2.6
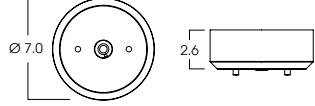
HM*
HANG STRAIGHT
45° SWIVEL 5/8" OD STEM - 3/8" IP
45°
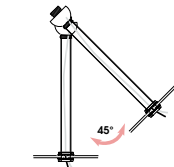
ORDER: **HM** (Length)
SPECIFY LENGTH:
HM3 - 3"	**HM24** - 24"
HM6 - 6"	**HM36** - 36"
HM12 - 12"	**HM48** - 48"
HM18 - 18"	**HM72** - 72"

HMLC(XX)
Custom Length
(Specify in Inches)

PM*
RIDGID PENDANT MOUNT
RIGID 5/8" OD STEM - 3/8" IP
0°
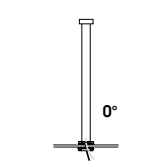
ORDER: **PM** (Length)
SPECIFY LENGTH:
PM3 - 3"	**PM24** - 24"
PM6 - 6"	**PM36** - 36"
PM12 - 12"	**PM48** - 48"
PM18 - 18"	**PM72** - 72"

PMLC(XX)
Custom Length
(Specify in Inches)

AT*
HANG STRAIGHT ALL THREAD
45° SWIVEL 5/8" OD STEM - 1/4" IP
FIELD CUTABLE
45°
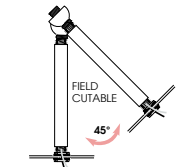
ORDER: **AT** (Length)
SPECIFY LENGTH:
AT12 - 12"
AT24 - 24"
AT36 - 36"

FIELD CUT THREADED PIPE TO LENGTH NEEDED
CUT "PIPE COVER 3/4" SHORTER THAN THREADED PIPE
SLIP "PIPE COVER" OVER THREADED PIPE

*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
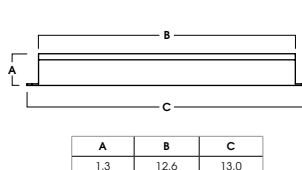
EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR
10W EMERGENCY BATTERY

Ø 9.0
3.25
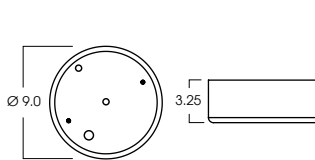
REMOTE EMERGENCY BATTERY OPTIONS

EMRM* - 7W REMOTE EMERGENCY BATTERY
(50' MAX)
A / B / C

A	B	C
1.3	12.6	13.0

EMEN* - 7W REMOTE EMERGENCY BATTERY
WITH ENCLOSURE (50' MAX)
A / B / C

A	B	C
2.0	17.0	6.2
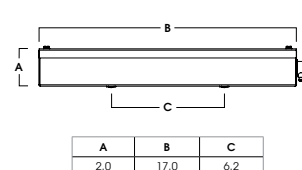
*OTHER EM BATTERY SIZES AVAILABLE, CONTACT FACTORY.

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

GA*	GF*
Galvanized	Gold Flake

CUSTOM COLOR FINISHES

CONTACT FACTORY

CC
Custom Color

*UNAVAILABLE FOR WET LOCATION