ANGLED REFLECTOR
DAMP / WET LOCATION
SIGN LIGHTS

PROJECT:

QUANTITY: TYPE:

RLM CLASSICS

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[8]		FINISH[12]			WET KIT	
AR0808GV	15L	1500 Lm	**80 CRI**		EX	Electronic Driver, 120V/277V		ENCLOSURES		WALL MOUNT		MW[13]	Matte White		WLKA	Wet Location Kit
AR1012GV	27L	2700 Lm			DO10X[3]	1%, 0-10V, 120V/277V				CP104	Small Driver Canopy	MB[13]	Matte Black			
AR1214GV			27K	2700K	DS2W1	ELV/MLV, 120V	TF1[6]	3" Frosted Dome	CP104KO	Small Driver Canopy	PT[13]	Platinum Silver			
			30K	3000K	DLTE1[4]	Lutron® 2-Wire Forward Phase	TG1[7]	3" Dome Wire Guard		w/ Knockouts	CC	Custom Color			
			35K	3500K		(MLV), 120V	MF1	3" Frosted Mini	CP106	Large Driver Canopy					
			40K	4000K	DL3EX[4]	1%, Lutron® EcoSystem®,	MG1	3" Short Wire Guard	CP6/RMD	Remote Mount Driver					
						Fades to Black, 120V/277V	FJ1	3" Frosted Tall	SP90_[9]	Straight Arm					
							FG1	3" Tall Wire Guard	PA_[9]	Mounting Arm Style		See Page 5			
			90 CRI						PA23	Mounting Arm Style		for Full Range of			
												Color Options			
			27HK	2700K					CEILING MOUNT			(83-90083)			
			30HK	3000K					RDC5	Small Driver Canopy					
			35HK	3500K					CP13	Large Driver Canopy					
			40HK	4000K					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: AR1012GV27L27KDO10X/TF1/CP106PA23/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 Enclosure, Wire Guard Required - Choose One Option 6 Standard Enclosure 7 TG1 Not Available With AR0808GV 8 See Mounting Page for Details on
Components and Finishes 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

Spectrum Lighting

ILLUMINATING WHAT'S POSSIBLE.

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.

83-50001_RF

ANGLED REFLECTOR
DAMP / WET LOCATION
SIGN LIGHTS

LUMENS / WATTAGE DATA				
PART NUMBER	**SOURCE LUMENS¹**	**DELIVERED LUMENS²**	**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
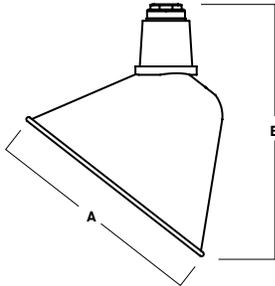
Dimensioned with **AR1214GV**

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.

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. Wet Location Option. Manufactured and tested to UL standards No. 1598/8750.

SERIES SIZES

AR0808GV

AR1012GV

AR1214GV

ENCLOSURES

TF1
3" FROSTED DOME

MF1
3" FROSTED MINI

FJ1
3" FROSTED TALL

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 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

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ANGLED REFLECTOR
DAMP / WET LOCATION
SIGN LIGHTS / PHOTOMETRIC DATA

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

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.

WALL MOUNTING

CP104 - SMALL DRIVER CANOPY (STANDARD)
MAY BE USED AS SPLICE BOX FOR DIRECT FEED
NOT AVAILABLE W/ PA16 & PA16F

Ø 5.5   4.0
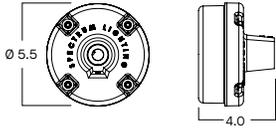
CP106 - LARGE DRIVER CANOPY
MAY BE USED AS SPLICE BOX FOR DIRECT FEED

Ø 7.5   5.0
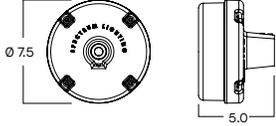
CP6/RMD - REMOTE MOUNT DRIVER
MOUNTS DIRECTLY TO WALL OR OCTAGON STYLE J-BOX

Ø 4.7   1.8
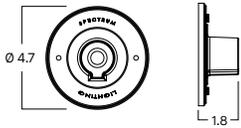
CUSTOM AND OTHER WALL ARMS AVAILABLE - CONTACT FACTORY. ARMS MAY BE FIELD CUT ON WALL SIDE - FIXTURE SIDE THREADED 3/4" NPT REQUIRES SEALANT FOR WET LOCATION.

PA15   15.0   9.8   8.3

PA17   17.0   7.0

PA22   22.0   7.5   5.0   12.5

PA23   23.0   7.0

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

PA24   15.0   18.0   9.5   24.0

PA26   28.5   12.7

SP9012   FIELD CUTABLE   12

SP9024   FIELD CUTABLE   24

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

PA32   32.6   19.5   10.5   30.0   32.2

PA36   36.0   7.0

PA48   48.0   7.0

PA16 - Front Wall Mount   15.0   25.0   13.0   WALL

PA16F - Back Wall Mount   20.0   25.0   13.0   WALL

PA901212   12.0   12.0

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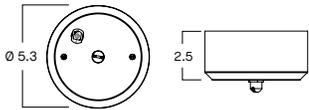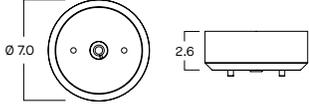
HM*
HANG STRAIGHT
45° SWIVEL 5/8" OD STEM - 3/8" IP
45°
ORDER: HM (Length)
SPECIFY LENGTH:
HM3 - 3"   HM24 - 24"
HM6 - 6"   HM36 - 36"
HM12 - 12"   HM48 - 48"
HM18 - 18"   HM72 - 72"
HMLC(XX)
Custom Length
(Specify in Inches)

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)
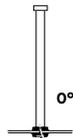
AT**
HANG STRAIGHT ALL THREAD
45° SWIVEL 5/8" OD STEM - 1/4" IP
FIELD CUTABLE
45°
ORDER: AT (Length)
SPECIFY LENGTH:
AT12 - 12"
AT24 - 24"
AT36 - 36"
AT48 - 48"
AT60 - 60"
AT72 - 72"
FIELD CUT THREADED PIPE TO LENGTH NEEDED
CUT "PIPE COVER" 3/4" SHORTER THAN THREADED PIPE
SLIP "PIPE COVER" OVER THREADED PIPE
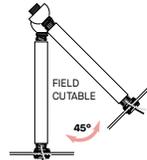
*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.
**ORDER IN 12" INCREMENTS, ODD SIZES MAY BE FIELD CUT

EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR
10W EMERGENCY BATTERY

Ø 9.0   3.25
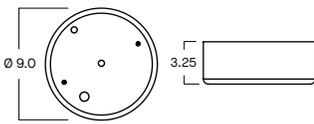
REMOTE EMERGENCY BATTERY OPTIONS

EMRM* - 7W REMOTE EMERGENCY BATTERY
(50' MAX)
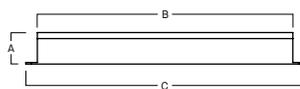
A	B	C
1.3	12.6	13.0

EMEN* - 7W REMOTE EMERGENCY BATTERY
WITH ENCLOSURE (50' MAX)
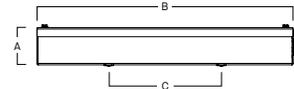
A	B	C
2.0	17.0	6.2

*OTHER EM BATTERY SIZES AVAILABLE, CONTACT FACTORY.

Spectrum Lighting

ILLUMINATING WHAT'S POSSIBLE.

83-50001_RF

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.

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

CC

*UNAVAILABLE FOR WET LOCATION

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