



**RADIAL WAVE**  
**DAMP / WET LOCATION**  
**CLASSIC SHAPES**

PROJECT: \_\_\_\_\_

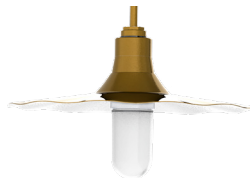
QUANTITY: \_\_\_\_\_ TYPE: \_\_\_\_\_



RW2007GV  
 RD - Red Baron



RW2007GV  
 AS - Anodic Sapphire



RW2007GV  
 SN - Sun Gold



RW2007GV  
 VE - Verde Green

SERIES	LUMENS <sup>1</sup>	CCT	DRIVER / DIMMING <sup>2</sup>	ACCESSORIES <sup>4</sup>	MOUNTING <sup>6</sup>	FINISH <sup>10</sup>	WET KIT
<b>RW1606GV</b> <b>RW2007GV</b>	<b>15L</b> 1500 Lm <b>27L</b> 2700 Lm	80 CRI <b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K  90 CRI <b>27HK</b> 2700K <b>30HK</b> 3000K <b>35HK</b> 3500K <b>40HK</b> 4000K	<b>EX</b> Electronic Driver, 120V/277V <b>DO10X</b> 1%, 0-10V, 120V/277V <b>DS2W1</b> ELV/MLV, 120V <b>DLTE1<sup>11</sup></b> Lutron® 2-Wire Forward Phase (MLV), 120V <b>DL3EX<sup>3</sup></b> 1%, Lutron® EcoSystem®, Fades to Black, 120V/277V	<b>ENCLOSURES</b> <b>TF1<sup>1</sup></b> 3" Frosted Dome <b>TG1</b> 3" Dome Wire Guard <b>MF1</b> 3" Frosted Mini <b>MG1</b> 3" Short Wire Guard <b>FJ1</b> 3" Frosted Tall <b>FG1</b> 3" Tall Wire Guard	<b>WALL MOUNT</b> <b>CP104</b> Small Driver Canopy <b>CP104KO</b> Small Driver Canopy w/ Knockouts <b>CP106</b> Large Driver Canopy <b>CP6/RMD</b> Remote Mount Driver <b>SP90<sup>7</sup></b> Straight Arm <b>PA<sup>7</sup></b> Mounting Arm Style  <b>CEILING MOUNT</b> <b>RDC5</b> Small Driver Canopy <b>CP13</b> Large Driver Canopy <b>HM<sup>8</sup></b> Hang Straight <b>AT<sup>8</sup></b> Hang Straight All Thread <b>PM<sup>8</sup></b> Rigid Pendant Mount <b>CD<sup>8</sup></b> Cord / Cable Mount <b>CM<sup>8</sup></b> Cord Mount <b>EMCR<sup>9</sup></b> 10W Large Driver Canopy EM <b>EMRM</b> 7W Remote EM <b>EMEN</b> 7W Remote with Enclosure	<b>MW<sup>11</sup></b> Matte White <b>MB<sup>11</sup></b> Matte Black <b>PT<sup>11</sup></b> Platinum Silver <b>CC</b> Custom Color  See Page 5 for Full Range of Color Options (83-90083)	<b>WLKA</b> Wet Location Kit

EXAMPLE: RW1606GV15L27KEXFJ1/RDC5HM36AY

**NOTES:**  
 1 Nominal Source Lumens at 35K 2 Contact Factory for Additional Options 3 Available with CP106/RDC5/CP13 Only 4 Enclosure, Wire Guard Required - Choose One Option  
 5 Standard Enclosure 6 See Mounting Page for Details on Components and Finishes 7 See Mounting Page for Available Arm Options 8 Specify Length in Inches: See Mounting Page for Available Lengths 9 EMCR Replaces RDC5 or CP13 10 See Color Page for More Options/Consult Factory for Special Finishes 11 Standard Finishes



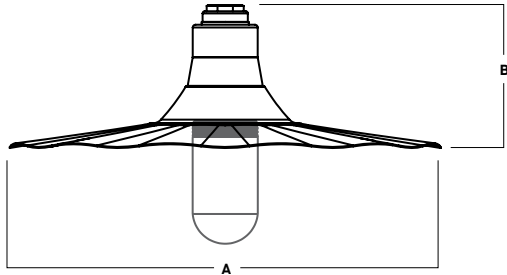


# RADIAL WAVE DAMP / WET LOCATION CLASSIC SHAPES

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS	LPW
RW1606GV15L	1500	1144	10	114
RW2007GV27L	2700	1997	18	111

<sup>1</sup>Nominal Source Lumens at 35K    <sup>2</sup> Nominal Delivered Lumens at 35K

## HOUSING DIMENSIONS



Dimensioned with **RW2007GV**

SERIES	A	B
RW1606GV	16.0	5.3
RW2007GV	20.0	6.4

## APPLICATION

The Radial Wave is a classic RLM "Wave" style for decorative area lighting.

## 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 two 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

**WD1606GV**



**WD2007GV**



## 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



RW2007GV SHOWN WITH CP104PA23

## CEILING MOUNT

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

**HM / AT / PM**

HANG STRAIGHT / ALL THREAD / PENDANT



RW2007GV SHOWN WITH RDC5PM

**CD**

CORD / CABLE MOUNT



RW2007GV SHOWN WITH RDC5CD

**CM**

CORD MOUNT



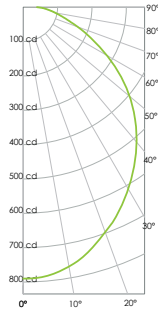
RW2007GV SHOWN WITH RDC5CM



**RADIAL WAVE**  
**DAMP / WET LOCATION**  
**CLASSIC SHAPES / PHOTOMETRIC DATA**

RW2007GV-27L-35K-EX-TF1-MW

**CANDLEPOWER CURVE**



Delivered Lumens: **1,996**  
 Luminaire Watts: **18**  
 LER: **110.89**

**INTENSITY**

Intensity (cd)
0.00° 790
5.00° 786
10.00° 767
15.00° 737
20.00° 697
30.00° 611
40.00° 513
50.00° 404
60.00° 281
70.00° 169
80.00° 94
90.00° 40

CP at 0deg (Nadir): **790**  
 CRI: **85+**

**ZONAL LUMENS**

Beam Angle	Zonal Lumens	% Total
0° - 10°	75	4%
0° - 20°	281	14%
0° - 30°	579	29%
0° - 40°	925	46%
0° - 60°	1,574	79%
0° - 80°	1,923	96%
0° - 90°	1,992	100%
<b>Total</b>	<b>1,996</b>	<b>100%</b>

Beam Angle: **100.2**  
 Spacing Ratio: **1.15**

**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'	26 fc	13.3'	10 fc
6.50'	19 fc	15.7'	7 fc
7.50'	14 fc	18.2'	5 fc
8.50'	11 fc	20.6'	4 fc
10.00'	8 fc	24.2'	3 fc
12.00'	5 fc	29.0'	2 fc
14.00'	4 fc	33.9'	2 fc
16.00'	3 fc	38.7'	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.
8'	8' *	23	0.24	18	0.24
12'	10' **	20	0.20	16	0.20
16'	12' ***	13	0.14	7	0.09
Delivered Illuminance Rating: (DIR)		98 FC per W/Sq. Ft.		77 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 99% *** Exceeds spacing criteria by 16%					

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



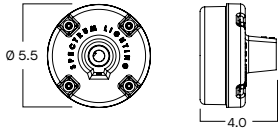
# MOUNTING & ACCESSORIES

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.

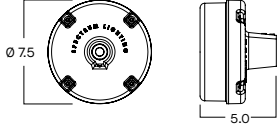


## WALL MOUNTING

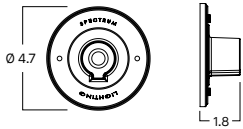
**CP104 - SMALL DRIVER CANOPY (STANDARD)**  
MAY BE USED AS SPLICE BOX FOR DIRECT FEED  
NOT AVAILABLE W/ PA16 & PA16F



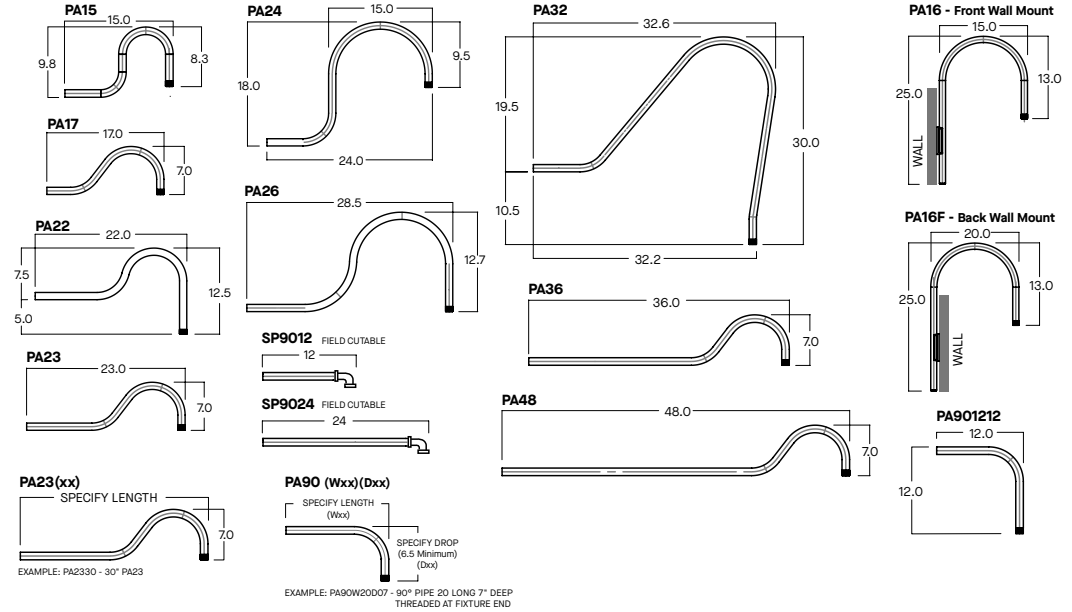
**CP106 - LARGE DRIVER CANOPY**  
MAY BE USED AS SPLICE BOX FOR DIRECT FEED



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

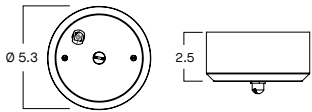


CUSTOM AND OTHER WALL ARMS AVAILABLE - CONTACT FACTORY. ARMS MAY BE FIELD CUT ON WALL SIDE - FIXTURE SIDE THREADED 3/4" NPT REQUIRES SEALANT FOR WET LOCATION.

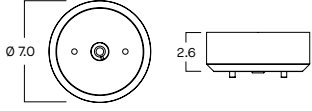


## CEILING MOUNTING

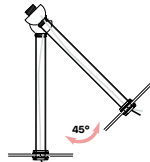
**RDC5 - SMALL DRIVER CANOPY (STANDARD)**  
MOUNTS TO 4" OCTO J-BOX



**CP13 - LARGE DRIVER CANOPY**

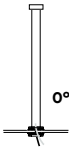


**HM\***  
HANG STRAIGHT  
45° SWIVEL 5/8" OD STEM - 3/8" IP



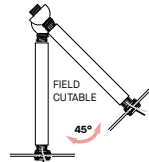
ORDER: HM (Length)  
SPECIFY LENGTH:  
HM3 - 3" HM24 - 24"  
HM6 - 6" HM36 - 36"  
HM12 - 12" HM48 - 48"  
HM18 - 18" HM72 - 72"  
HMLC(XX)  
Custom Length  
(Specify in Inches)

**PM\***  
RIGID PENDANT MOUNT  
RIGID 5/8" OD STEM - 3/8" IP



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



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 IF SHORTER THAN THREADED PIPE SUPPLY COVER OVER THREADED PIPE

**CD**  
CORD / CABLE MOUNT  
SJ CORD WITH 1/16" SS CABLE



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

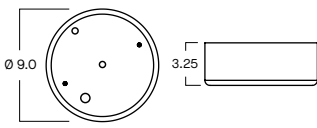


ORDER: CM (Length)  
SPECIFY LENGTH:  
CM36 - 36"  
CM72 - 72"  
CM144 - 144"  
CMLC(XX)  
Custom Length  
(Specify in Inches)

\*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

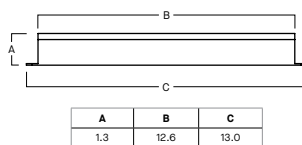
## EMERGENCY BATTERY OPTIONS

**EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY**

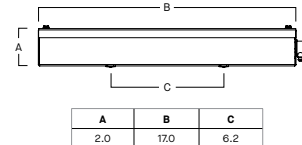


## REMOTE EMERGENCY BATTERY OPTIONS

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



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



\*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.



## 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

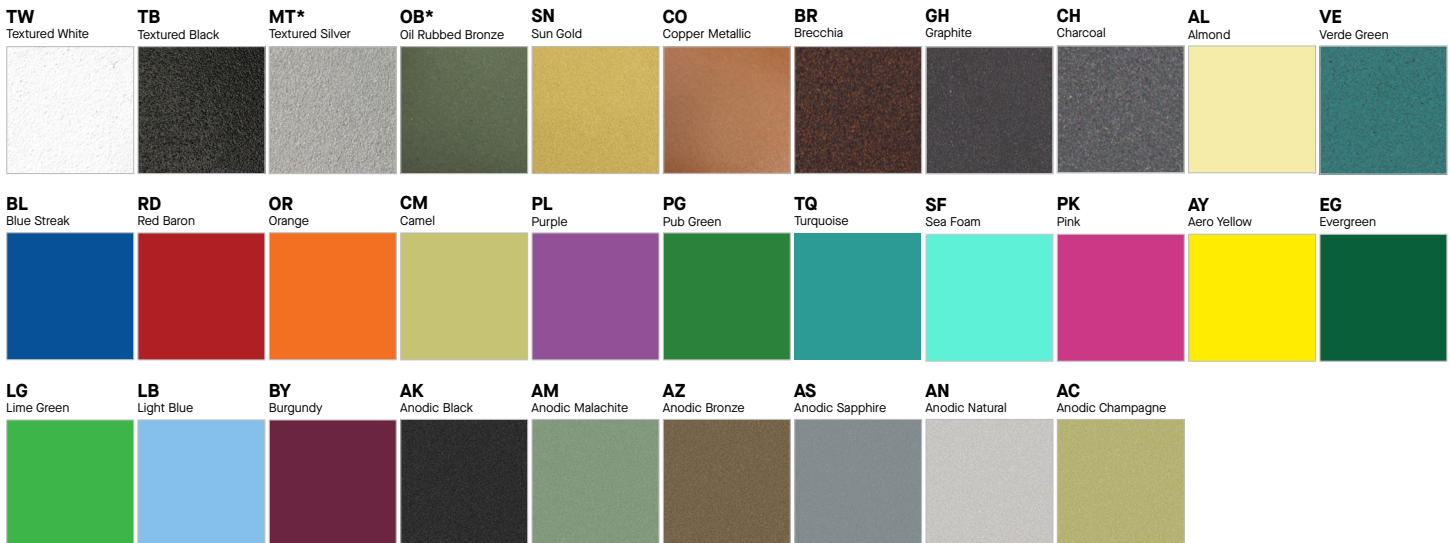
TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⌚
Tier 2 - Typical Finishes	\$\$	⌚⌚
Tier 3 - Special Metal Finishes	\$\$\$	⌚⌚⌚
Custom Color	Contact Factory	Contact Factory

\*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

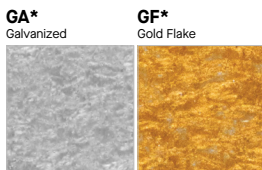
## TIER 1 - STANDARD FINISHES



## TIER 2 - TYPICAL FINISHES



## TIER 3 - SPECIAL METAL FINISHES



## CUSTOM COLOR FINISHES

CONTACT FACTORY

**CC**  
Custom Color



\*UNAVAILABLE FOR WET LOCATION

