RLM CLASSICS

19" SHORT WAREHOUSE SHADE
DAMP / WET LOCATION
CLASSIC SHAPES

PROJECT: _____

QUANTITY: _____ TYPE: _____

SW1910GV
AN - Anodic Natural

SW1910GV
BZ - Bronze

SW1910GV
PT - Platinum Silver

SW1910GV
MB - Matte Black

SERIES	LUMENS[1]		CCT		DRIVER / DIMMING[2]		ACCESSORIES[6]		MOUNTING[8]		INTERIOR[12]		FINISH[12]		WET KIT	
SW1910GV	15L	1500 Lm	**80 CRI**		EX[3]	Electronic Driver, 120V/277V		**ENCLOSURES**		**WALL MOUNT**	MWI[13]	Matte White	MW[13]	Matte White	WLKA	Wet Location Kit
	27L	2700 Lm	27K	2700K	DS2W1[4]	1%, 0-10V, 120V/277V	TF2[7]	4" Frosted Dome	CP104	Small Driver Canopy	CCI	Custom Color	MB[13]	Matte Black		
	37L	3700 Lm	30K	3000K	DLTE1[5]	ELV/MLV, 120V	TG2	4" Dome Wire Guard	CP104KO	Small Driver Canopy w/ Knockouts	FCI	Fixture Color Interior	PT[13]	Platinum Silver		
	55L	5500 Lm	35K	3500K		Lutron® 2-Wire Forward Phase (MLV), 120V	MF2	4" Frosted Mini					CC	Custom Color		
			40K	4000K	DL3EX[5]	1%, Lutron® EcoSystem®, Fades to Black, 120V/277V	MG2	4" Short Wire Guard	CP106	Large Driver Canopy						
							FJ2	4" Frosted Tall	CP6/RMD	Remote Mount Driver						
							FG2	4" Tall Wire Guard	SP90_[9]	Straight Arm						
			90 CRI						PA_[9]	Mounting Arm Style						
			27HK	2700K					**CEILING MOUNT**							
			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						
									CD_[10]	Cord / Cable Mount						
									CM_[10]	Cord Mount						
									EMCR[11]	10W Large Driver Canopy EM						
									EMRM	7W Remote EM						
									EMEN	7W Remote with Enclosure						

EXAMPLE: SW1910GV37L35KEXTF2/RDC5HM36MWIMB

NOTES:
1 Nominal Source Lumens at 35K   2 Contact Factory for Additional Options   3 37L Max with CP104   4 37L Max with CP104/RDC5, 55L Max with CP106/CP13
5 Available with CP106/CP13 Only   6 Enclosure, Wire Guard Required - Choose One Option   7 Standard Enclosure   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 Reference Color Sheet Located on Product Webpage for Full List of Available Colors   13 Standard Finishes

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

Spectrum Lighting

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.

83-50083_RF

19" SHORT WAREHOUSE SHADE
DAMP / WET LOCATION
CLASSIC SHAPES

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS[1]	DELIVERED LUMENS[2]	SYSTEM WATTS	LPW
SW1910GV15L	1500	1202	10	120
SW1910GV27L	2700	2100	18	117
SW1910GV37L	3700	3080	26	118
SW1910GV55L	5500	4536	39	116

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

HOUSING DIMENSIONS
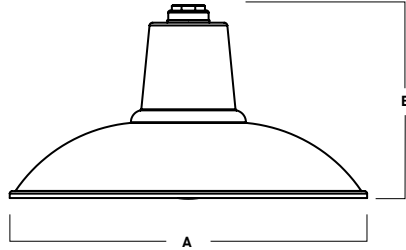
A	B
18.5	10.0
470.0 mm	254.0 mm

APPLICATION
The Short Warehouse Shade is a shallow version of our most popular Warehouse Shades.

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.

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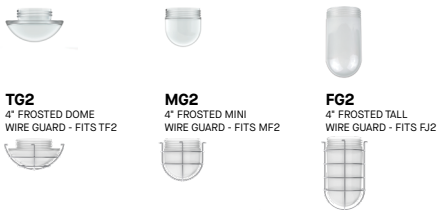
CONSTRUCTION
Fixture shades are spun in our factory from 0.063 high purity aluminum. Wall mount canopies are die-cast aluminum with stainless steel hardware. Wall arms are formed 3/4 NPT aluminum pipe and may be field cut.

CODE COMPLIANCE
BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Wet Location Option. Manufactured and tested to UL standards No. 1598/8750.

ENCLOSURES

TG2
4" FROSTED DOME
WIRE GUARD - FITS TF2

MG2
4" FROSTED MINI
WIRE GUARD - FITS MF2

FG2
4" FROSTED TALL
WIRE GUARD - FITS FJ2

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

PA_
MOUNTING ARM STYLE

SW1910GV SHOWN WITH CP104PA23

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

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

SW1910GV SHOWN WITH RDC5PM

CD
CORD / CABLE MOUNT

SW1910GV SHOWN WITH RDC5CD
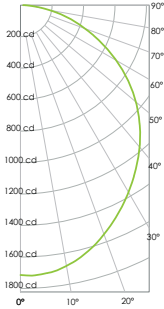
CM
CORD MOUNT

SW1910GV SHOWN WITH RDC5CM

Spectrum Lighting

ILLUMINATING WHAT'S POSSIBLE.

83-50083_RF

19" SHORT WAREHOUSE SHADE
DAMP / WET LOCATION
CLASSIC SHAPES / PHOTOMETRIC DATA

SW1910GV-55L-35K-EX-TF2-MWI

CANDLEPOWER CURVE

Delivered Lumens: 4,534
Luminaire Watts: 39
LER: 116.26

INTENSITY

0.00°	1,715
5.00°	1,713
10.00°	1,682
15.00°	1,625
20.00°	1,549
30.00°	1,372
40.00°	1,177
50.00°	957
60.00°	701
70.00°	435
80.00°	190
90.00°	17

CP at 0deg (Nadir): 1,715
CRI: 85+

ZONAL LUMENS

0° - 10°	163	4%
0° - 20°	612	13%
0° - 30°	1,267	28%
0° - 40°	2,042	45%
0° - 60°	3,572	79%
0° - 80°	4,432	98%
0° - 90°	4,523	100%
Total	4,534	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
8.0 '	27 fc	21.7 '	9 fc
10.0 '	17 fc	27.1 '	6 fc
12.0 '	12 fc	32.5 '	4 fc
14.0 '	9 fc	37.9 '	3 fc
16.0 '	7 fc	43.3 '	2 fc
20.0 '	4 fc	54.1 '	1 fc
24.0 '	3 fc	65.0 '	1 fc
28.0 '	2 fc	75.8 '	1 fc

Beam Angle: 106.45
Spacing Ratio: 1.19

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

Ceiling Height	Fixture Spacing	RCR 1		RCR 3	
		FC *	W/Sq. Ft.	FC *	W/Sq. Ft.
17'	16' *	17	0.14	10	0.11
21'	18' **	15	0.13	12	0.13
25'	20' ***	12	0.10	8	0.08
Delivered Illuminance Rating: (DIR)		117 FC per W/Sq. Ft.		90 FC per W/Sq. Ft.	

3' Suspension Length
Square rooms used for multiple units:
- RCR 1: Length & Width = Ceiling Ht. - 5.5' x 10.00
- RCR 3: Length & Width = Ceiling Ht. - 5.5' x 3.33
* Average Footcandles at 2.5' Above Floor
** Exceeds spacing criteria by 17%
** Exceeds spacing criteria by -2%
*** Exceeds spacing criteria by -14%

Lamp Multiplier: 15L x 0.265, 27L x 0.463, 37L x 0.679
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.
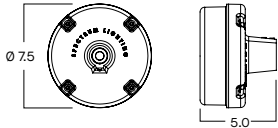
WALL MOUNTING

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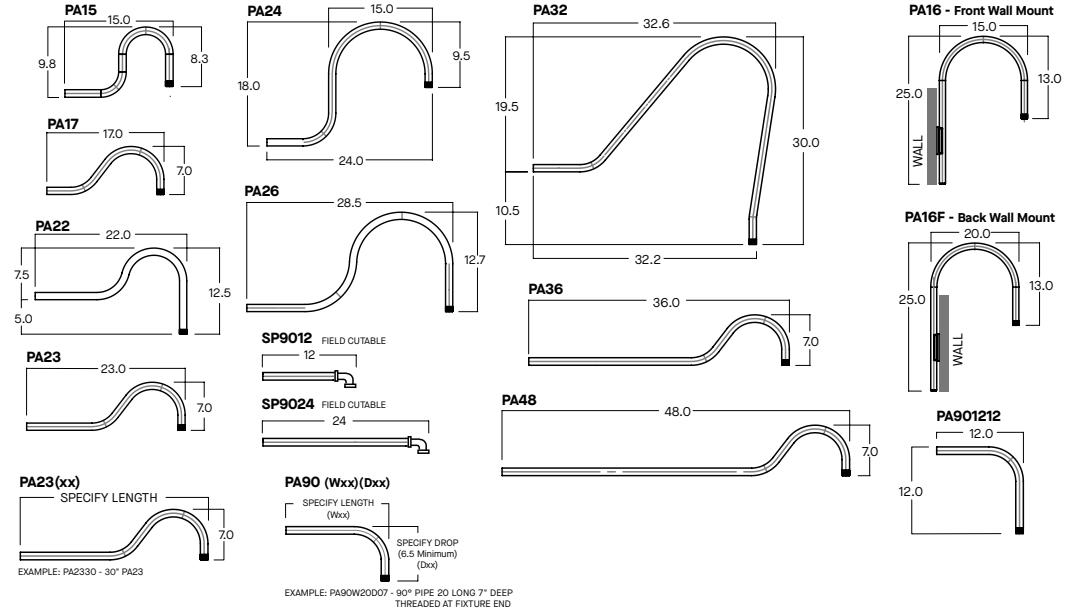NOT AVAILABLE W/ PA16 & PA16F

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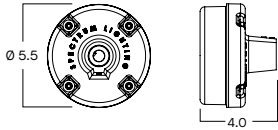
CP106 - LARGE DRIVER CANOPY
MAY BE USED AS SPLICE BOX FOR DIRECT FEED

Ø 7.5
5.0

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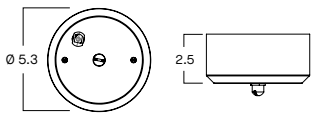MOUNTS DIRECTLY TO WALL OR OCTAGON STYLE J-BOX

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 24.0 9.5

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 32.2 30.0

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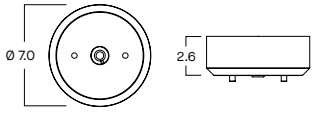
HM*
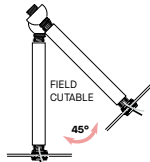HANG STRAIGHT
45° SWIVEL 5/8" OD STEM - 3/8" IP

45°
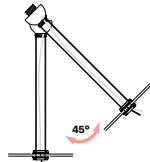
ORDER: HM (Length)
SPECIFY LENGTH:
HM3 - 3"	HM24 - 24"
HM6 - 6"	HM36 - 36"
HM12 - 12"	HM48 - 48"
HM18 - 18"	HM72 - 72"

HMLC(XX)
Custom Length
(Specify in Inches)

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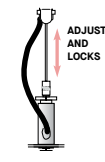RIDGID PENDANT MOUNT
RIGID 5/8" OD STEM - 3/8" IP

0°
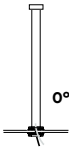
ORDER: PM (Length)
SPECIFY LENGTH:
PM3 - 3"	PM24 - 24"
PM6 - 6"	PM36 - 36"
PM12 - 12"	PM48 - 48"
PM18 - 18"	PM72 - 72"

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

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.
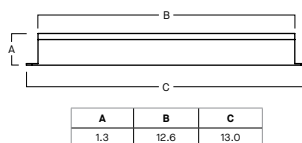**ORDER IN 12" INCREMENTS, ODD SIZES MAY BE FIELD CUT

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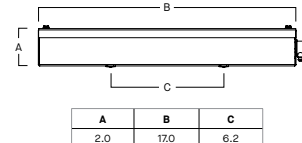
EMCR - LARGE DRIVER CANOPY FOR
10W EMERGENCY BATTERY

Ø 9.0
3.25
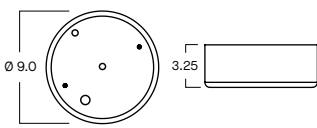
REMOTE EMERGENCY BATTERY OPTIONS

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.

Spectrum Lighting

ILLUMINATING WHAT'S POSSIBLE.

83-50083_RF