SCHOOLHOUSE SHADE
DAMP LOCATION
CLASSIC GLASS

RLM CLASSICS

PROJECT:

TYPE:

SS12GV
MB - Matte Black

SS12GV
PT - Platinum Silver

SS12GV
BZ - Bronze

SS12GV
SN - Sun Gold

SERIES	LUMENS[1]		CCT		DRIVER / DIMMING[2]		MOUNTING[5]		FINISH[8]	
SS12GV **SS14GV** **SS16GV** **SS18GV**	**15L** **27L**	1500 Lm 2700 Lm	80 CRI		**EX**[3] **DS2W1**[3] **DO10X**[3] **DLTE1**[4] **DL3EX**[4]	Electronic Driver, 120V/277V ELV/MLV, 120V 1%, 0-10V, 120V/277V Lutron® 2-Wire Forward Phase (MLV), 120V 1%, Lutron® EcoSystem®, Fades to Black120V/277V	**RDC5**[3] **CP13**[4] **DC9** **HM**[6] **AT**[6] **PM**[6] **CD**[6] **CM**[6] **EMCR**[7] **EMRM** **EMEN**	Small Driver Canopy Large Driver Canopy Decorative Driver Canopy Hang Straight Hang Straight All Thread Rigid Pendant Mount Cord / Cable Mount Cord Mount 10W Large Driver Canopy EM 7W Remote EM 7W Remote with Enclosure	**MW**[9] **MB**[9] **PT**[9] **CC**	Matte White Matte Black Platinum Silver Custom Color
			27K **30K** **35K** **40K**	2700K 3000K 3500K 4000K						
			90 CRI						See Page 5 for Full Range of Color Options (83-90082)	
			27HK **30HK** **35HK** **40HK**	2700K 3000K 3500K 4000K						

EXAMPLE: SS14GV15L30KEX/RDC5CD36MW

NOTES:
1 Nominal Source Lumens at 35K   **2** Contact Factory for Additional Options   **3** RDC5/DC9 for EX/DS2W1/DO10X Drivers   **4** CP13 for Lutron Drivers
5 See Mounting Page for Details on Components and Finishes   **6** Specify Length in Inches: See Mounting Page for Available Lengths
7 EMCR Replaces RDC5, CP13, or DC9   **8** See Color Page for More Options/Consult Factory for Special Finishes   **9** Standard Finishes
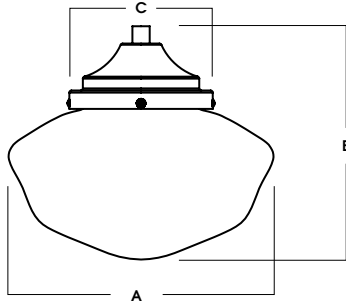
Spectrum Lighting

SCHOOLHOUSE SHADE
DAMP LOCATION
CLASSIC GLASS

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS[1]	DELIVERED LUMENS[2]	SYSTEM WATTS	LPW
SS12GV15L	1500	810	10	81
SS12GV27L	2700	1413	18	79

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

HOUSING DIMENSIONS

Dimensioned with **SS12GV**

SERIES	A	B	C
SS12GV	11.7	10.3	6.3
SS14GV	13.1	11.4	6.3
SS16GV	15.9	10.3	6.3
SS18GV	17.9	13.8	6.3

APPLICATION
Decorative glass pendant schoolhouse shade for general area lighting. 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 combinations for lamping, mounting and finishes allows for creative fixture specification and design. Fixtures may be pendant mounted with cable/cord or rigid stem. LED module and driver are serviceable for future replacement. Available in four sizes.

FINISH
Multi-stage polyester powder-coat process applied on our dedicated paint lines. Variety of standard and custom finishes are 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
Canopy is spun in our factory from 0.063 high purity aluminum. Heat sink and other components are cast aluminum. Glass is seamless opal white.

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

SS12GV

SS14GV

SS16GV

SS18GV

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

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

SS12GV SHOWN WITH RDC5PM

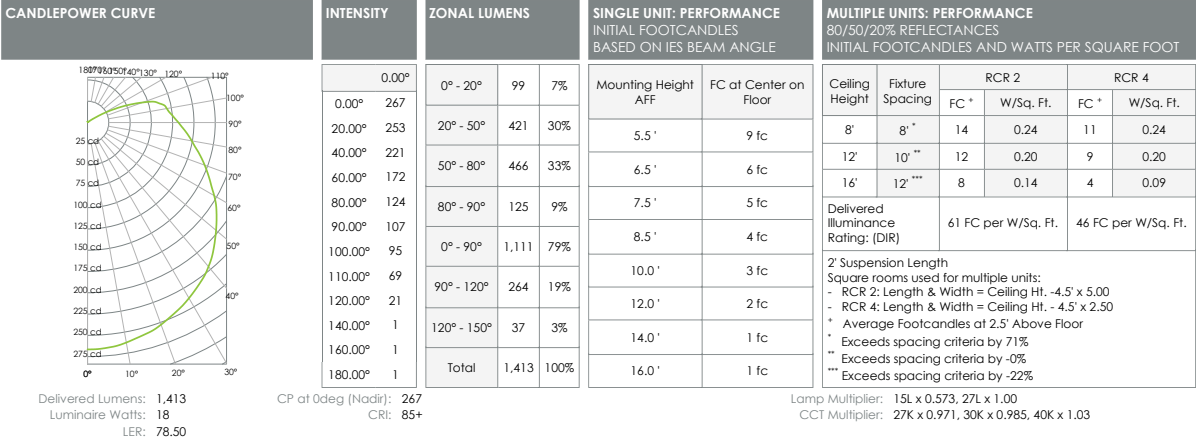**CD**
CORD / CABLE MOUNT

SS12GV SHOWN WITH RDC5CD

CM
CORD MOUNT

SS12GV SHOWN WITH RDC5CM

SCHOOLHOUSE SHADE
DAMP LOCATION
CLASSIC GLASS / PHOTOMETRIC DATA

SS12GV-27L-35K-EX-HM

CANDLEPOWER CURVE

Delivered Lumens: 1,413
Luminaire Watts: 18
LER: 78.50

CP at 0deg (Nadir): 267
CRI: 85+

INTENSITY

	0.00°
0.00°	267
20.00°	253
40.00°	221
60.00°	172
80.00°	124
90.00°	107
100.00°	95
110.00°	69
120.00°	21
140.00°	1
160.00°	1
180.00°	1

ZONAL LUMENS

0° - 20°	99	7%
20° - 50°	421	30%
50° - 80°	466	33%
80° - 90°	125	9%
0° - 90°	1,111	79%
90° - 120°	264	19%
120° - 150°	37	3%
Total	1,413	100%

SINGLE UNIT: PERFORMANCE
INITIAL FOOTCANDLES
BASED ON IES BEAM ANGLE

Mounting Height AFF	FC at Center on Floor
5.5 '	9 fc
6.5 '	6 fc
7.5 '	5 fc
8.5 '	4 fc
10.0 '	3 fc
12.0 '	2 fc
14.0 '	1 fc
16.0 '	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' [*]	14	0.24	11	0.24
12'	10' [**]	12	0.20	9	0.20
16'	12' [***]	8	0.14	4	0.09
Delivered Illuminance Rating: (DIR)		61 FC per W/Sq. Ft.		46 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 71%
[**] Exceeds spacing criteria by -0%
[***] Exceeds spacing criteria by -22%

Lamp Multiplier: 15L x 0.573, 27L x 1.00
CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03

Spectrum Lighting

ILLUMINATING WHAT'S POSSIBLE.

83-50024_RC

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.

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

DC9 - DECORATIVE DRIVER CANOPY

Ø 9.5   4.7

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"
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

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)

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.

83-50024_RC

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

ILLUMINATING WHAT'S POSSIBLE.

83-90082_RA