22" PRISMATIC
SVD SERIES

PRSVD22GV

APPLICATION
22" Lumen Max GV series decorative performance pendant for low, mid-bay and high-bay applications. Prismatic refractor provides horizontal and vertical distribution.

FEATURES
Decorative spun driver housing (SVD) features traditional design. Single-stage optical system for smooth light distribution. 80 CRI minimum. Consult factory for high CRI or special applications. LED module and driver designed for ease of maintenance and replacement. Posi-lock refractor retention ring will absorb shocks and impact. Optional safety cable. Variety of optical lenses and mounting methods.

FINISH
Multi-stage polyester powder-coat process applied on our dedicated paint lines. A wide variety of standard and custom finishes are available. All exposed materials are chromate pretreated to resist corrosion.

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.

CONSTRUCTION
Housing constructed of extruded and machined aluminum to resist corrosion. Extruded and machined 6063-T5 aluminum heat sink. Refractor made of cast UV stabilized acrylic.

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.
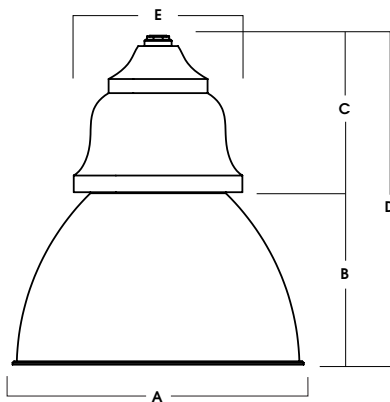
A	B	C	D	E
22.4 569.0 mm	13.4 340.4 mm	12.2 309.9 mm	25.6 650.2 mm	13.0 330.2 mm

LUMENS / WATTAGE DATA			
PART NUMBER	SOURCE LUMENS[1]	DELIVERED LUMENS[2]	SYSTEM WATTS	LPW
PRSV22GV110L	11000	8807	77	114
PRSV22GV150L	15000	11741	102	115
PRSV22GV180L	18000	14102	116	122

SERIES	LUMENS[1]	CCT	DRIVER / DIMMING[3]	OPTIONS[4]	MOUNTING[5]	REFRACTOR	DIFFUSER OPTIONS		FINISH[10]
PRSVD22GV	110L 11000 Lm	27K 2700K	EX Electronic Driver, 120V/277V	FS Fusing	HM[6] Hang Straight	DF22 22" Diffuse	DOOR	LENS	MW[11] Matte White
	150L 15000 Lm	30K 3000K	DS10X 10% 0-10V, 120V/277V	2CIR 2 Circuit	AT[6] Hang Straight All Thread	PR22 22" Clear	DR22A[9] 22" Spun Door	CN Conical Lens	MB[11] Matte Black
	180L 18000 Lm	35K 3500K	DO10X 1% 0-10V, 120V/277V	3CIR 3 Circuit	PM[6] Rigid Pendant	OP22 22" Opal	BC22 22" Band Clamp	CNFR Conical Lens Frosted	PT[11] Platinum Silver
		40K 4000K		E347 347V Driver	CD[6] Cord / Cable Mount		RS22[9] 22" Refractor Shroud	DL Drop Lens	CC Custom Color
		50K 5000K		SC1 Safety Cable	HC Hook & Cord			FO White Optical Acrylic	
				SC2 Safety Cable, Refractor to Door	NM2[7/8] ½" NPT Hub			PP Prismatic Polycarbonate	
					NM3[7/8] ¾" NPT Hub			PC Clear Polycarbonate	See Page 5 for Full Range of Color Options (83-90081)
					EMERGENCY BATTERY OPTIONS			WAG22 22" Wire Guard	
					EMCR 10W Canopy Mounted EM				
					EMRM 7W Remote EM				
					EMEN 7W Remote with Enclosure				

EXAMPLE: PRSVD22GV150L35KEX/HM36/PR22/DR22ACN/MW

NOTES:
1 Nominal Source Lumens at 35K **2** Nominal Delivered Lumens at 35K at 85 CRI with PR22 **3** Contact Factory for Additional Options **4** See Product Options Page for Details **5** See Mounting Page for Details on Components and Finishes **6** Specify Length in Inches: See Mounting Page for Available Lengths **7** Mounting Supplied by Others **8** 12" Leads Unless Specified **9** Same Finish as Housing **10** See Color Page for More Options/Consult Factory for Special Finish **11** Standard Finishes

SPECTRUM LIGHTING INC.

PROJECT:

TYPE:

ETL INTERTEK LISTED

5 YEAR WARRANTY

MADE IN THE USA

22" PRISMATIC
SVD SERIES / FIXTURE OPTIONS

STANDARD FINISHES

MW
MATTE WHITE

MB
MATTE BLACK

PT
PLATINUM SILVER

MOUNTING TYPES

HM / AT / PM
HANG STRAIGHT / ALL THREAD / PENDANT
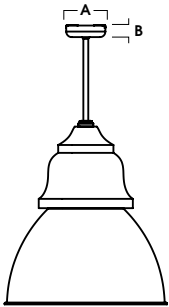
A	B
5.4	2.5
137.2 mm	63.5 mm

CD
CORD / CABLE MOUNT
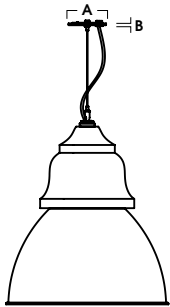
A	B
5.0	.25
127.0 mm	6.4 mm

HC
HOOK CORD
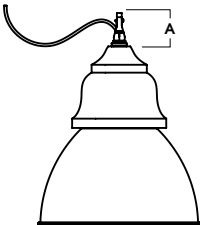
A
4.2
106.7 mm

NM
NO MOUNT
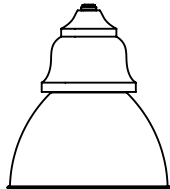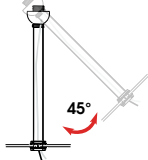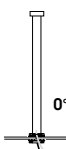
MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES, CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.
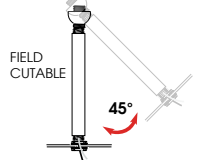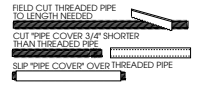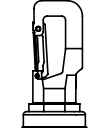NOTE: THIS IS TYPICAL OF LUMEN MAX SPECIFICATION FOR PENDANT MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.
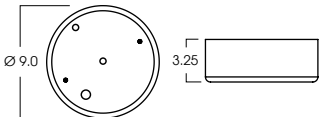
LUMEN MAX
HIGH BAY LUMINAIRES

MOUNTING TYPES

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

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)

HC
HOOK & CORD
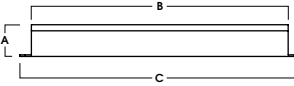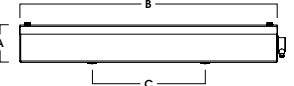FOR INDEPENDENT MOUNTING

ORDER: **HC**

*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36".
LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR
10W EMERGENCY BATTERY

Ø 9.0   3.25

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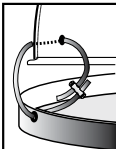
EMRM* - 7W REMOTE EMERGENCY BATTERY
(50' MAX)

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, CONSULT FACTORY

ADDITIONS

FS - FUSING

Slow blow type fuse protects fixture
against voltage surges. Factory installed.

LSP10 - SM - SURGE PROTECTOR

Surge protector absorbs transient
electrical spikes and protects
fixtures and electronics 120/277v.
Re-sets after surge. Factory Installed.

surge
protector

SAFETY CABLE OPTIONS

SC1 - SAFETY CABLE

1/16" stainless steel safety cable for added
support. Standard kit is 18" and double
barrel locks are provided. Approved for
California seismic requirements.
Rated at 50 lbs.

SC2 - SAFETY CABLE

1/16" Stainless steel cable holds
door to fixture

PRDDH22LEDGV-180L-35K-Ex/xx/xx/PR22/CNFR/XX

CANDLEPOWER CURVE

Delivered Lumens: 13,215
Luminaire Watts: 142
LER: 93.06

INTENSITY

0.00°	6,016
5.00°	5,923
10.00°	6,274
15.00°	6,868
20.00°	7,058
30.00°	6,269
40.00°	3,343
50.00°	1,311
60.00°	543
70.00°	272
80.00°	196
90.00°	160

CP at 0deg (Nadir): 6,016
CRI: 80+

ZONAL LUMENS

0.00°	589	4%
0° - 10°	2,500	19%
0° - 20°	5,595	42%
0° - 30°	8,621	65%
0° - 40°	11,183	85%
0° - 60°	11,794	89%
0° - 80°	11,971	91%
0° - 90°	13,215	100%
Total		

Beam Angle: 78.74
Spacing Ratio: 1.35

SINGLE UNIT: PERFORMANCE
INITIAL FOOTCANDLES
BASED ON IES BEAM ANGLE

Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge
10.0 '	60 fc	16.4 '	29 fc
12.0 '	42 fc	19.7 '	20 fc
14.0 '	31 fc	23.0 '	15 fc
16.0 '	24 fc	26.3 '	11 fc
20.0 '	15 fc	32.9 '	7 fc
24.0 '	10 fc	39.4 '	5 fc
28.0 '	8 fc	46.0 '	4 fc
32.0 '	6 fc	52.6 '	3 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.
22'	20' *	32	0.38	27	0.38
26'	22' **	20	0.24	17	0.24
32'	24' ***	18	0.22	10	0.14
Delivered Illuminance Rating: (DIR)		85 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. -6.5' x 5.00
- RCR 4: Length & Width = Ceiling Ht. - 6.5' x 2.50
+ Average Footcandles at 2.5' Above Floor
* Exceeds spacing criteria by -4%
** Exceeds spacing criteria by -16%
*** Exceeds spacing criteria by -30%

Lamp Multiplier: 110L x 0.65, 150L x 0.88, 180L x 1
CCT Multiplier: 50K x 1.07, 40K X 1.03, 30K X 0.983, 27K X 0.967

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	$$	🕐🕐
Custom Color	Contact Factory	Contact Factory

*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

TIER 1 - STANDARD FINISHES

MW Matte White	**GW** Gloss White	**PT** Platinum Silver	**MB** Matte Black	**GB** Gloss Black	**BZ** Bronze

TIER 2 - TYPICAL FINISHES

TW Textured White	**TB** Textured Black	**MT*** Textured Silver	**OB*** Oil Rubbed Bronze	**SN** Sun Gold	**CO** Copper Metallic	**BR** Brecchia	**GH** Graphite	**CH** Charcoal	**AL** Almond	**VE** Verde Green

BL Blue Streak	**RD** Red Baron	**OR** Orange	**CM** Camel	**PL** Purple	**PG** Pub Green	**TQ** Turquoise	**SF** Sea Foam	**PK** Pink	**AY** Aero Yellow	**EG** Evergreen

LG Lime Green	**LB** Light Blue	**BY** Burgundy	**AK** Anodic Black	**AM** Anodic Malachite	**AZ** Anodic Bronze	**AS** Anodic Sapphire	**AN** Anodic Natural	**AC** Anodic Champagne

CUSTOM COLOR FINISHES

CONTACT FACTORY

CC
Custom Color

CC

*UNAVAILABLE FOR WET LOCATION