



## 22" ALUMINUM SVD SERIES



### ALSVD22GV

#### APPLICATION

22" Lumen Max GV series decorative performance pendant for low, mid-bay and high-bay applications. Aluminum reflector designed for maximum downlight.

#### 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 reflector 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. Variety of standard and custom finishes are available. All exposed materials are chromate pretreated to resist corrosion. Standard Matte White interior finish on reflectors.

#### ELECTRONICS

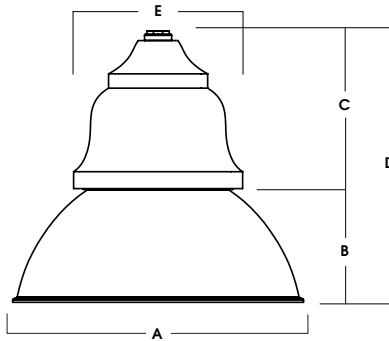
GV LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available, consult factory.

#### CONSTRUCTION

Housing constructed of extruded and machined aluminum to resist corrosion. Extruded and machined 6063-T5 aluminum heat sink. Reflector made of spun .060" aluminum.

#### 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	8.8 223.5 mm	12.2 309.9 mm	21.0 533.4 mm	13.0 330.2 mm

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS	LPW
ALSVD22GV110L	11000	8997	77	117
ALSVD22GV150L	15000	11997	102	118
ALSVD22GV180L	18000	14409	116	124

SERIES	LUMENS <sup>1</sup>	CCT	DRIVER / DIMMING <sup>3</sup>	OPTIONS <sup>4</sup>	MOUNTING <sup>5</sup>	REFLECTOR	DIFFUSER OPTIONS	FINISH <sup>12</sup>
ALSVD22GV	110L 11000 Lm	27K 2700K	EX Electronic Driver, 120V/277V DS10X 10% 0-10V, 120V/277V DO10X 1% 0-10V, 120V/277V	FS Fusing 2CIR 2 Circuit 3CIR 3 Circuit E347 347V Driver SC1 Safety Cable SC2 Safety Cable, Reflector to Door	HM <sup>6</sup> Hang Straight AT <sup>6</sup> Hang Straight All Thread PM <sup>6</sup> Rigid Pendant CD <sup>6</sup> Cord / Cable Mount HC <sup>6/7/8</sup> Hook & Cord NM2 <sup>7/8/9</sup> 1/2" NPT Hub NM3 <sup>7/8/9</sup> 3/4" NPT Hub	AL22/MWI <sup>10</sup> Matte White Inside AL22/FCI Fixture Color Inside	DOOR DR22A <sup>11</sup> 22" Spun Door LENS CNFR Conical Lens Frosted CN Conical Lens DL Drop Lens FO White Optical Acrylic PP Prismatic Polycarbonate PC Clear Polycarbonate WAG22 22" Wire Guard	MW <sup>13</sup> Matte White MB <sup>13</sup> Matte Black PT <sup>13</sup> Platinum Silver CC Custom Color  See Page 6 for Full Range of Color Options (83-90081)
	150L 15000 Lm	35K 3500K						
180L 18000 Lm	40K 4000K	50K 5000K						

**EXAMPLE:** ALSVD22GV150L35KEX/HM36/AL22/MWI/DR22ACN/MW

**NOTES:**

1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens at 35K 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 Not Available with EMCR 9 12" Leads Unless Specified 10 Reflector Finished Matte White with Finish Color Out 11 Same Finish as Housing 12 See Color Page for More Options/Consult Factory for Special Finish 13 Standard Finishes



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



# 22" ALUMINUM

## SVD SERIES / FIXTURE OPTIONS



### STANDARD FINISHES

**MW**  
MATTE WHITE



**MB**  
MATTE BLACK

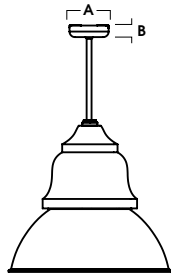


**PT**  
PLATINUM SILVER



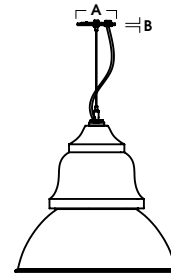
### MOUNTING TYPES

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



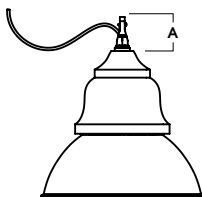
A	B
5.4	2.5
137.2 mm	63.5 mm

**CD**  
CORD / CABLE MOUNT



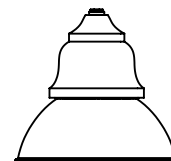
A	B
5.0	.25
127.0 mm	6.4 mm

**HC**  
HOOK CORD



A
4.2
106.7 mm

**NM**  
NO MOUNT



# 22" ALUMINUM

## SVD SERIES / PHOTOMETRIC DATA



ALxxx22LEDGV-180L-40K-EX-AL22

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE	MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT
	0.00°			
	0.00° 6,925	0° - 10° 698 5%	Mounting Height Aff	Ceiling Height
	5.00° 6,972	0° - 20° 2,643 18%	FC at Center on Floor	Fixture Spacing
	10.00° 7,015	0° - 30° 5,508 38%	Beam Diameter	RCR 2
	15.00° 7,012	0° - 40° 8,882 62%	FC at Beam Edge	RCR 4
	20.00° 6,875	0° - 60° 13,237 92%		FC + W/Sq. Ft.
	30.00° 5,745	0° - 80° 14,313 99%		FC + W/Sq. Ft.
	40.00° 4,903	0° - 90° 14,424 100%		Delivered Illuminance Rating: (DIR)
	50.00° 2,731	Total 14,424 100%		116 FC per W/Sq. Ft.
	60.00° 838			94 FC per W/Sq. Ft.
	70.00° 531			4' Suspension Length
	80.00° 243			Square rooms used for multiple units:
90.00° 1			- 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 5%	
			** Exceeds spacing criteria by -8%	
			*** Exceeds spacing criteria by -23%	
Delivered Lumens: 14,424	CP at 0deg (Nadir): 6,925	Beam Angle: 94.22	Lamp Multiplier: 110L x 0.67, 150L x 0.89	
Luminaire Watts: 116	CRI: 80+	Spacing Ratio: 1.23	CCT Multiplier: 27K x 0.93, 30K x 0.95, 35K x 0.97, 50K x 1.03	
LER: 124.34				

ALxxx22LEDGV-180L-40K-EX-AL22-DR22-F0

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE	MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT
	0.00°			
	0.00° 3,601	0° - 10° 407 5%	Mounting Height Aff	Ceiling Height
	5.00° 3,576	0° - 20° 1,355 15%	FC at Center on Floor	Fixture Spacing
	10.00° 3,497	0° - 30° 2,743 31%	Beam Diameter	RCR 2
	15.00° 3,392	0° - 40° 4,362 49%	FC at Beam Edge	RCR 4
	20.00° 3,215	0° - 60° 7,349 83%		FC + W/Sq. Ft.
	30.00° 2,867	0° - 80° 8,787 99%		FC + W/Sq. Ft.
	40.00° 2,367	0° - 90° 8,896 100%		Delivered Illuminance Rating: (DIR)
	50.00° 1,837	Total 8,896 100%		68 FC per W/Sq. Ft.
	60.00° 1,277			54 FC per W/Sq. Ft.
	70.00° 686			4' Suspension Length
	80.00° 222			Square rooms used for multiple units:
90.00° 28			- 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 9%	
			** Exceeds spacing criteria by -4%	
			*** Exceeds spacing criteria by -20%	
Delivered Lumens: 8,896	CP at 0deg (Nadir): 3,601	Beam Angle: 99.24	Lamp Multiplier: 110L x 0.67, 150L x 0.89	
Luminaire Watts: 116	CRI: 85+	Spacing Ratio: 1.18	CCT Multiplier: 27K x 0.93, 30K x 0.95, 35K x 0.97, 50K x 1.03	
LER: 76.69				

ALxxx22LEDGV-180L-40K-EX-AL22-DR22-PP

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE	MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT
	0.00°			
	0.00° 5,230	0° - 10° 696 6%	Mounting Height Aff	Ceiling Height
	5.00° 5,858	0° - 20° 2,561 24%	FC at Center on Floor	Fixture Spacing
	10.00° 6,576	0° - 30° 5,026 46%	Beam Diameter	RCR 2
	15.00° 6,765	0° - 40° 7,273 67%	FC at Beam Edge	RCR 4
	20.00° 6,259	0° - 60° 9,791 90%		FC + W/Sq. Ft.
	30.00° 4,670	0° - 80° 10,753 99%		FC + W/Sq. Ft.
	40.00° 2,715	0° - 90° 10,858 100%		Delivered Illuminance Rating: (DIR)
	50.00° 1,457	Total 10,858 100%		88 FC per W/Sq. Ft.
	60.00° 768			73 FC per W/Sq. Ft.
	70.00° 481			4' Suspension Length
	80.00° 195			Square rooms used for multiple units:
90.00° 31			- 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 -9%	
			*** Exceeds spacing criteria by -24%	
Delivered Lumens: 10,858	CP at 0deg (Nadir): 5,230	Beam Angle: 72.55	Lamp Multiplier: 110L x 0.67, 150L x 0.89	
Luminaire Watts: 116	CRI: 85+	Spacing Ratio: 1.24	CCT Multiplier: 27K x 0.93, 30K x 0.95, 35K x 0.97, 50K x 1.03	
LER: 93.60				

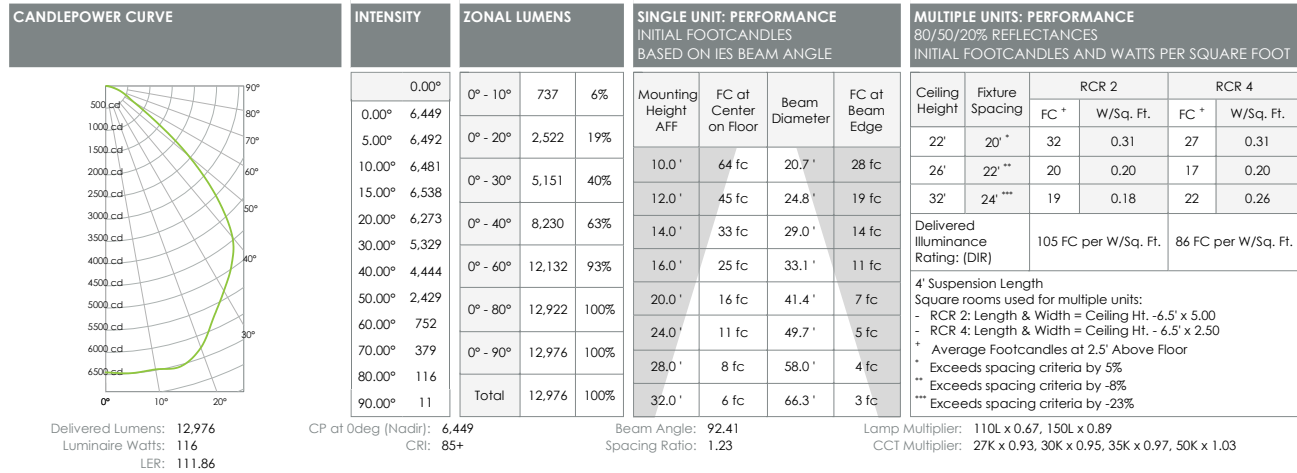


# 22" ALUMINUM

## SVD SERIES / PHOTOMETRIC DATA



ALxx22LEDGV-180L-40K-EX-AL22-DR22-PC



# 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.



## MOUNTING TYPES

<p><b>HM*</b> HANG STRAIGHT 45° SWIVEL 5/8" OD STEM - 3/8" IP</p> <p>ORDER: <b>HM</b> (Length) SPECIFY LENGTH: <b>HM3</b> - 3"    <b>HM24</b> - 24" <b>HM6</b> - 6"    <b>HM36</b> - 36" <b>HM12</b> - 12"    <b>HM48</b> - 48" <b>HM18</b> - 18"    <b>HM72</b> - 72" <b>HMLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>PM*</b> RIGID PENDANT MOUNT RIGID 5/8" OD STEM - 3/8" IP</p> <p>ORDER: <b>PM</b> (Length) SPECIFY LENGTH: <b>PM3</b> - 3"    <b>PM24</b> - 24" <b>PM6</b> - 6"    <b>PM36</b> - 36" <b>PM12</b> - 12"    <b>PM48</b> - 48" <b>PM18</b> - 18"    <b>PM72</b> - 72" <b>PMLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>AT**</b> HANG STRAIGHT ALL THREAD 45° SWIVEL 5/8" OD STEM - 1/4" IP</p> <p>ORDER: <b>AT</b> (Length) SPECIFY LENGTH: <b>AT12</b> - 12" <b>AT24</b> - 24" <b>AT36</b> - 36"</p> <p>*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.</p>	<p><b>CD</b> CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE</p> <p>ORDER: <b>CD</b> (Length) SPECIFY LENGTH: <b>CD36</b> - 36" <b>CD72</b> - 72" <b>CD144</b> - 144" <b>CDLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>HC</b> HOOK &amp; CORD FOR INDEPENDENT MOUNTING</p> <p>ORDER: <b>HC</b></p>
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## EMERGENCY BATTERY OPTIONS

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

## REMOTE EMERGENCY BATTERY OPTIONS

<p><b>EMRM*</b> - 7W REMOTE EMERGENCY BATTERY (50' MAX)</p> <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>1.3</td> <td>12.6</td> <td>13.0</td> </tr> </tbody> </table>	A	B	C	1.3	12.6	13.0	<p><b>EMEN*</b> - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (50' MAX)</p> <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>2.0</td> <td>17.0</td> <td>6.2</td> </tr> </tbody> </table>	A	B	C	2.0	17.0	6.2
A	B	C											
1.3	12.6	13.0											
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.

## 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



# 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	\$\$	⌚⌚
Custom Color	Contact Factory	Contact Factory

\*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

## TIER 1 - STANDARD FINISHES



## TIER 2 - TYPICAL FINISHES



## CUSTOM COLOR FINISHES

CONTACT FACTORY

**CC**  
Custom Color



\*UNAVAILABLE FOR WET LOCATION

