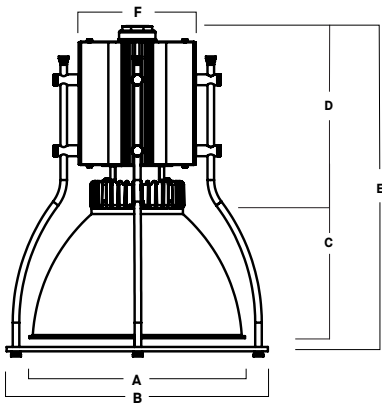




1MR SHOWN



Dimensioned with PRISMATIC

SHADES	A	B	C	D	E	F
PRISMATIC	12.4 315.0 mm	15.0 381.0 mm	7.4 188.0 mm	10.5 266.7 mm	18.7 475.0 mm	6.5 165.1 mm
ALUMINUM	12.5 317.5 mm	15.1 383.5 mm	9.2 233.7 mm	10.5 266.7 mm	19.6 497.8 mm	6.5 165.1 mm

## 12" Low/Mid Bay 4150 Lm

Decorative Arms & Tier



### PRX12GV & ATXAL12GV

#### APPLICATION

Lumen Max GV series performance pendant for low and mid-bay applications. Prismatic refractor provides horizontal and vertical distribution. Aluminum reflector designed for maximum downlight. Decorative support arms and lower parts add visual appeal.

#### FEATURES

Extruded Fixture Housing (EXT) features a clean and modern design. Single-stage optical system for smooth light distribution. LED module and driver designed for ease of maintenance and replacement. 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: 80/90. Custom LED configurations are available, consult factory. Variety of electronic 120V/277V and dimming drivers.

#### CONSTRUCTION

Extruded and machined 6063-T5 aluminum housing. Graphite gasket for optimal thermal management. Die-cast aluminum heat sink. Refractor made of cast UV stabilized acrylic. Reflector made of spun .060" aluminum. Arms are chrome plated, formed steel tubing. 1MR option is spun 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.

LUMENS / WATTAGE DATA			
PART NUMBER	DELIVERED LUMENS <sup>1</sup>	SYSTEM WATTS	LPW
ATXAL12GV15L	1096	10	110
ATXAL12GV27L	1914	18	106
ATXAL12GV37L	2807	26	108
ATXAL12GV55L	4135	39	106

<sup>1</sup> Nominal Delivered Lumens at 35K with AL12-1MR

SERIES	LUMENS <sup>1</sup>	CCT	DRIVER / DIMMING <sup>2</sup>	SAFETY OPTIONS <sup>3</sup>	MOUNTING <sup>4</sup>	SHADE	TIER OPTIONS	FINISH <sup>11</sup>	MOUNTING OPTION <sup>13</sup>
PRISMATIC PRX12GV	15L 1100 Lm	80 CRI	EX Electronic Driver, 120V/277V DS10X 10% 0-10V, 120V/277V DO10X 1% 0-10V, 120V/277V	FS Fusing SC1 Safety Cable	HM <sup>5</sup> Hang Straight PM <sup>6</sup> Rigid Pendant CD <sup>7</sup> Cord / Cable Mount HC <sup>8/9/10</sup> Hook & Cord NM2 <sup>6/7/8</sup> 1/2" NPT Hub NM3 <sup>6/7/8</sup> 3/4" NPT Hub	PRISMATIC DF12 12" Diffuse PR12 12" Clear OP12 12" Opal	ACCESSORIES CFG Center Frosted Glass Tier FGR Frosted Glass Ring 1MR <sup>10</sup> Single Metal Ring	MW <sup>9</sup> Matte White MB <sup>9</sup> Matte Black PT <sup>9</sup> Platinum Silver CC Custom Color	FCHMA Field Cuttable Mounting Kit for Hang Mount Fixtures
	27L 1900 Lm	27K 2700K							
	37L 2800 Lm	30K 3000K							
	55L 4150 Lm	35K 3500K							
ALUMINUM ATXAL12GV		90 CRI			EMERGENCY BATTERY OPTIONS EMCR 10W Canopy Mounted EM EMRM 7W Remote EM EMEN 7W Remote with Enclosure	ALUMINUM AL12/MW <sup>9</sup> Matte White Inside AL12/FCI <sup>10</sup> Fixture Color Inside			

EXAMPLE: PRX12GV15L27KEX/HM36/PR12/FGR/MW

NOTES:  
<sup>1</sup> Nominal Delivered Lumens at 35K with AL12-1MR <sup>2</sup> Contact Factory for Additional Options <sup>3</sup> See Product Options Page For Details <sup>4</sup> See Mounting Page for Details on Components and Finishes <sup>5</sup> Specify Length in Inches: See Mounting Page for Available Lengths <sup>6</sup> Mounting Supplied by Others <sup>7</sup> Not Available with EMCR <sup>8</sup> 12" Leads Unless Specified <sup>9</sup> Reflector Finished Matte White with Finish Color Out <sup>10</sup> Same Finish as Housing <sup>11</sup> Reference Color Sheet Located on Product Webpage for Full List of Available Colors <sup>12</sup> Standard Finishes <sup>13</sup> Field Cuttable Mounting Kit only Available with HM Stem



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



# 12" PRISMATIC & ALUMINUM

## TECH SERIES / FIXTURE OPTIONS



### SERIES TYPE

**ALUMINUM**



**PRISMATIC**



### STANDARD FINISHES

**MW**  
MATTE WHITE



PRX12GV HM MATTE WHITE

**MB**  
MATTE BLACK



PRX12GV HM MATTE BLACK

**PT**  
PLATINUM SILVER



PRX12GV HM PLATINUM SILVER

### DECO-TIER OPTIONS

**1MR**  
SINGLE METAL RING



**CFG**  
CENTERED FROSTED GLASS



**FGR**  
FROSTED GLASS RING



### MOUNTING TYPES

**HM / PM**  
HANG STRAIGHT / PENDANT



PRX12GV SHOWN WITH PM

**CD**  
CORD / CABLE MOUNT



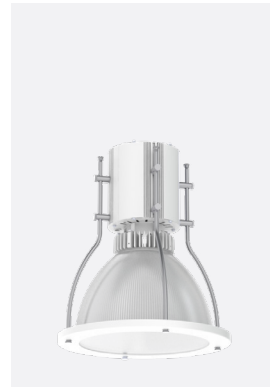
PRX12GV SHOWN WITH CD

**HC**  
HOOK CORD



PRX12GV SHOWN WITH HC

**NM**  
NO MOUNT



PRX12GV SHOWN WITH NM



# 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.



## ADDITIONS

### FS - Fusing

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



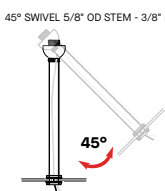
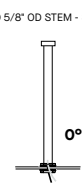

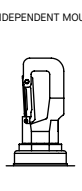


## SAFETY CABLE OPTIONS

### 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.



## MOUNTING TYPES

<p><b>HM*</b> - Hang Straight</p> <p>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>TO TRIM HM STEM IN FIELD ORDER FCHMA KIT.</p>	<p><b>PM*</b> - Ridgid Pendant Mount</p> <p>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>CD</b> - Cord / Cable Mount</p> <p>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</p> <p>FOR INDEPENDENT MOUNTING</p>  <p>ORDER: <b>HC</b> (Length) SPECIFY LENGTH: <b>HC36</b> - 36" <b>HC72</b> - 72" <b>HC144</b> - 144" <b>HCLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>NM2</b> - 1/2" NPT Hub <b>NM3</b> - 3/4" NPT Hub FOR INDEPENDENT MOUNTING</p>  <p>ORDER: <b>NMX</b> (Length) SPECIFY LENGTH: <b>NM2(12)</b> - 12" Leads are Standard <b>NM3(12)</b> - 12" Leads are Standard <b>NMXLC(XX)</b> Custom Length (Specify in Inches)</p>
<p>*MAXIMUM ONE PIECE STEM LENGTH IS 72". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.</p> 				

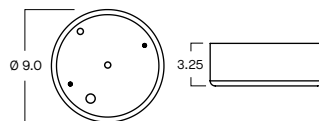
## MOUNTING OPTION

### FCHMA - Field Cuttable Mounting Kit For Hang Mount Fixtures



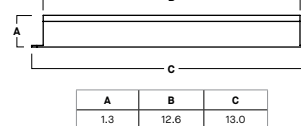
## EMERGENCY BATTERY OPTIONS

### EMCR - Large Driver Canopy For 10W Emergency Battery

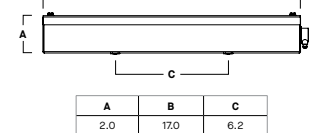


## REMOTE EMERGENCY BATTERY OPTIONS

### EMRM\* - 7W Remote Emergency Battery (50' Max)



### EMEN\* - 7W Remote Emergency Battery with Enclosure (50' Max)



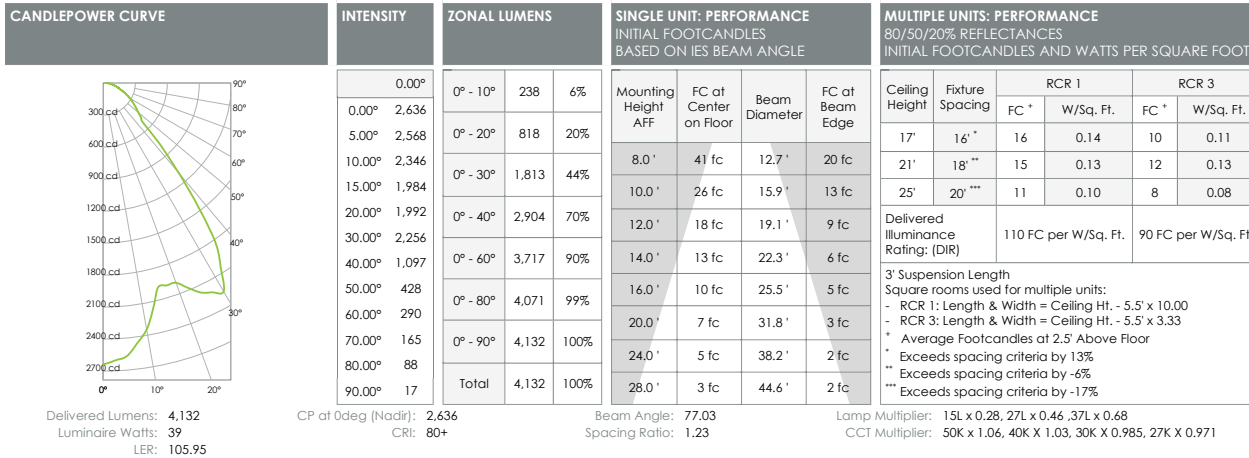
\*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY



# 12" ALUMINUM

## TECH SERIES / PHOTOMETRIC DATA

ATXAL12LEDGV-55L-35K-EX-xx-AL12-CFG-xx



### HOW TO USE PERFORMANCE DATA

SINGLE UNIT	MULTIPLE UNITS
<p>Cone of Light of a single, symmetrical beam luminaire. Direct initial illumination (FC) and Beam Angle diameter directly beneath fixture; shown at different distances from aperture to horizontal plane. Calculated using Inverse Square Law.</p> <p><math>FC_H = CP \times (\cos \theta) \div D^2</math></p> <p>Beam Diam. = <math>\frac{1}{2}</math> Beam Angle (Tan) x 2D</p> <ul style="list-style-type: none"> <li>- CP Candela at 0° (Nadir)</li> <li>- Cos <math>\theta</math> Cosine of <math>\theta</math> Angle</li> <li>- D Distance (Mounting Height AFF)</li> <li>- <math>FC_H</math> Footcandles, Horizontal</li> <li>- Beam Angle Cone of light to 50% max. CP</li> <li>- Beam Diam. Pattern of light at Beam Angle</li> </ul>	<p>Square grid layout of multiple luminaires in unfurnished, square rooms of different proportions (Room Cavity Ratios) with 80/50/20% room surface reflectances. 2' Suspension Length to aperture. Initial average illumination (FC) calculated at 2.5' above floor, using Zonal Cavity Method. W/Sq. Ft. of layout shown for each ceiling height and RCR.</p> <p>Delivered Illuminance Rating (DIR®): System performance indicator expressed as ratio of approximate initial FC per W/Sq. Ft. delivered to horizontal plane below, for the range of ceiling heights indicated.</p> <ul style="list-style-type: none"> <li>- To estimate FC for Fixture Spacing that is different than shown (do not exceed Spacing Ratio): <math>FC = \text{Chart Spacing}^2 \div \text{Different Spacing}^2 \times \text{Chart FC}</math></li> <li>- To estimate Sq. Ft. per fixture for a specific target FC: <math>\text{Sq. Ft.} / \text{Fixture} = \text{Chart FC} \times \text{Chart Spacing}^2 \div \text{Target FC}</math></li> </ul> <ul style="list-style-type: none"> <li>- To estimate Fixture Quantity in a room: <math>\text{Fixture Qty.} = \text{Sq. Ft. of Rm.} \div \text{Sq. Ft. per fixture}</math></li> <li>- To estimate Watts/Sq. Ft.: <math>\text{W/Sq. Ft.} = \text{Luminaire Watts} \times \text{Qty.} \div \text{Sq. Ft. of Rm.}</math></li> </ul>