



22" PRISMATIC OCT SERIES



PROCTV22GV

APPLICATION

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

FEATURES

Octagonal fixture housing (OCT) features easy access side door for driver and EM servicing. 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

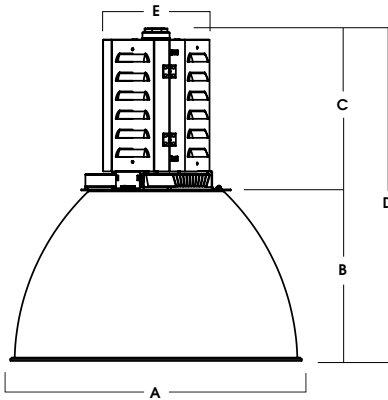
GV LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available, consult factory.

CONSTRUCTION

Housing constructed of fabricated galvanized steel 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	13.4	12.8	26.2	8.4
569.0 mm	340.4 mm	325.1 mm	665.5 mm	213.4 mm

Fixture Weight: 26.5 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
PROCTV22GV110L	11000	8781	77	114
PROCTV22GV150L	15000	11707	102	115
PROCTV22GV220L	22000	17307	158	109
PROCTV22GV240L	24000	18748	155	121

SERIES	LUMENS ¹	CCT	DRIVER / DIMMING ³	OPTIONS ⁴	MOUNTING ⁵	REFRACTOR	DIFFUSER OPTIONS	FINISH ¹¹							
PROCTV22GV	110L	11000 Lm	85 CRI	EX Electronic Driver, 120V/277V	FS Fusing	HM ⁶ Hang Straight	DF22 22" Diffuse	DOOR	MW ¹² Matte White						
	150L	15000 Lm	27K 2700K							2CIR 2 Circuit	AT ⁷ Hang Straight All Thread	PR22 22" Clear	DR22A ¹⁰ 22" Spun Door	MB ¹² Matte Black	
	220L	22000 Lm	30K 3000K	DS10X 10% 0-10V, 120V/277V	3CIR 3 Circuit	PM ⁶ Rigid Pendant	OP22 22" Opal	PT ¹² Platinum Silver							
	240L	24000 Lm	35K 3500K						DO10X 1% 0-10V, 120V/277V	LSP10 Surge Protector	CD ⁸ Cord / Cable Mount	RS22 22" Refractor Shroud	CC Custom Color		
			40K 4000K	DS2W1 1%, ELV/MLV, 120V	E347 347V Driver	HC ^{9/10} Hook & Cord	BC22 22" Band Clamp	CNFR Conical Frosted Lens							
			50K 5000K						DALI DALI Controls	PHO Photo Sensor	NM2 ^{7/8/P} 1/2" NPT Hub	WO90 White Optical Acrylic			
			90 CRI	EMCR 10W Canopy Mounted EM	SC1 Safety Cable	NM3 ^{7/8/P} 3/4" NPT Hub	PP Prismatic Polycarbonate								
			27HK 2700K					EMEN 7W Remote with Enclosure	SC2 Safety Cable, Refractor to Door	EMCR 10W Canopy Mounted EM	PC Clear Polycarbonate				
			30HK 3000K									EMEN 7W Remote with Enclosure	SC2 Safety Cable, Refractor to Door	EMCR 10W Canopy Mounted EM	WAG22 22" Wire Guard
			35HK 3500K												
		40HK 4000K	EMEN 7W Remote with Enclosure	SC2 Safety Cable, Refractor to Door	EMCR 10W Canopy Mounted EM	WAG22 22" Wire Guard									
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EXAMPLE: PROCTV22GV110L35KEX/3CIR/HM36/PR22/DR22ACNFR/MB

NOTES:
 1 Nominal Source Lumens at 40K 2 Nominal Delivered Lumens at 40K 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 Not Available with EMCR 9 12" Leads Unless Specified 10 Same Finish as Housing 11 See Color Page for More Options/
 Consult Factory for Special Finishes 12 Standard Finishes



PROJECT: _____
 QUANTITY: _____ TYPE: _____



22" PRISMATIC

OCT SERIES / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

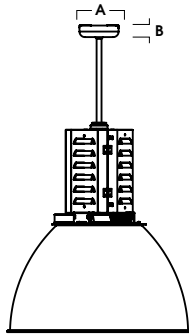


PT
PLATINUM SILVER



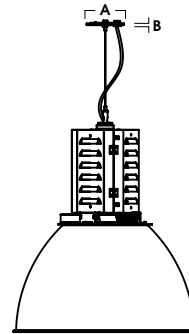
MOUNTING TYPES

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



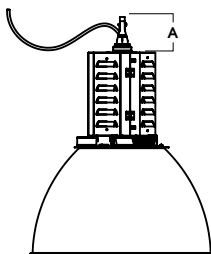
A	B
5.4	2.5
137.2 mm	63.5 mm

CD
CORD / CABLE MOUNT



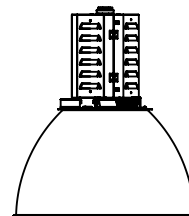
A	B
5.0	.25
127.0 mm	6.4 mm

HC
HOOK CORD



A
4.2
106.7 mm

NM
NO MOUNT



22" PRISMATIC

OCT SERIES / PHOTOMETRIC DATA



PROCTV22GV-240L-40K-EX-PR22

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS		SINGLE UNIT: PERFORMANCE				MULTIPLE UNITS: PERFORMANCE						
				INITIAL FOOTCANDLES				80/50/20% REFLECTANCES		INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT				
	0.00°	0° - 10°	1,511	8%	Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
	0.00°	15,229									FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
	5.00°	15,235	0° - 20°	5,766	31%									
	10.00°	15,569												
	15.00°	15,880	0° - 30°	11,353	60%									
	20.00°	14,834												
	30.00°	9,403	0° - 40°	15,088	80%									
	40.00°	2,951												
	50.00°	786	0° - 60°	16,990	90%									
	60.00°	485												
	70.00°	253	0° - 80°	17,563	94%									
	80.00°	209												
90.00°	160	0° - 90°	17,747	95%										
		Total	18,779	100%										

Delivered Lumens: 18,779
 Luminaire Watts: 155
 LER: 121.15

CP at 0deg (Nadir): 15,229
 CRI: 85+

Beam Angle: 64.5
 Spacing Ratio: 1.03

Lamp Multiplier: 110L x 0.48, 150L x 0.64, 220L x 0.94
 CCT Multiplier: 27K x 0.93, 30K x 0.95, 35K x 0.97, 50K x 1.03

Delivered Illuminance Rating: (DIR)
 115 FC per W/Sq. Ft. 99 FC per W/Sq. Ft.

4' 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 0%
 ** Exceeds spacing criteria by -10%
 *** Exceeds spacing criteria by -24%



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>HM* HANG STRAIGHT 45° SWIVEL 5/8" OD STEM - 3/8" IP</p> <p>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)</p>	<p>PM* RIGID PENDANT MOUNT RIGID 5/8" OD STEM - 3/8" IP</p> <p>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)</p>	<p>AT** HANG STRAIGHT ALL THREAD 45° SWIVEL 5/8" OD STEM - 1/4" IP</p> <p>ORDER: AT (Length) SPECIFY LENGTH: AT12 - 12" AT24 - 24" AT36 - 36"</p> <p>FIELD CUT THREADED PIPE TO LENGTH NEEDED CUT PIPE COVER 3/8" SHORTER THAN THREADED PIPE 3/8" PIPE COVER OVER THREADED PIPE</p>	<p>CD CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE</p> <p>ORDER: CD (Length) SPECIFY LENGTH: CD36 - 36" CD72 - 72" CD144 - 144" CDLC(XX) Custom Length (Specify in Inches)</p>	<p>HC HOOK & CORD FOR INDEPENDENT MOUNTING</p> <p>ORDER: HC</p>
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*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

REMOTE EMERGENCY BATTERY OPTIONS

<p>EMRM* - 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>EMEN* - 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											
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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

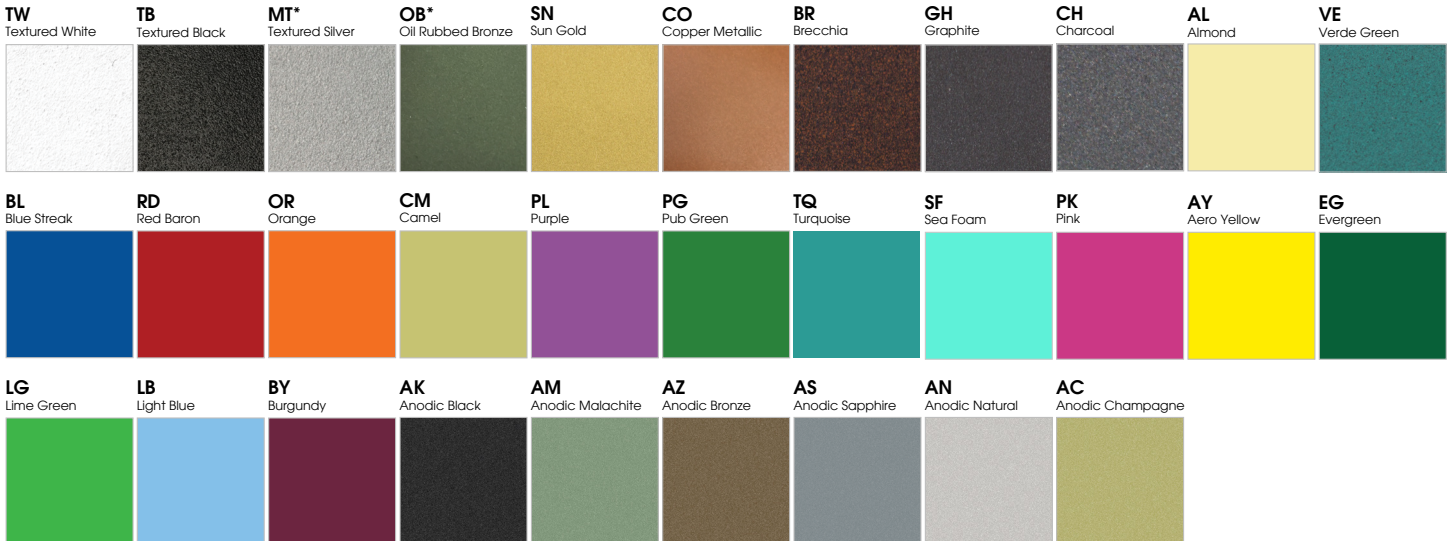
TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⌚
Tier 2 - Typical Finishes	\$\$	⌚⌚
Custom Color	Contact Factory	Contact Factory

*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

