

16" PRISMATIC

SUR SERIES



PRSUR16GV

APPLICATION

Lumen Max GV series surface mount low ceiling application for mid and high-bay applications. Prismatic refractor provides horizontal and vertical distribution.

FEATURES

Shallow surface low bay (SUR) series for store fronts and lower ceiling high-bays. 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

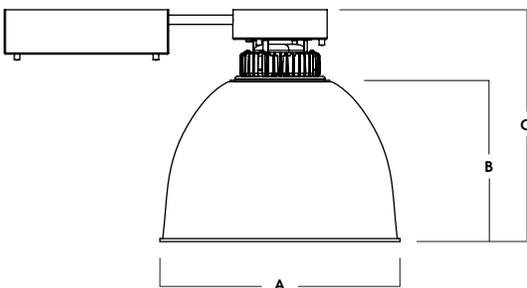
GV LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available, consult factory.

CONSTRUCTION

Extruded and machined 6063-T5 aluminum housing. Die-cast 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
16.2	10.9	15.7
411.5 mm	276.9 mm	398.8 mm

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
PRSUR16GV15L	1500	1281	10	128
PRSUR16GV27L	2700	2237	18	124
PRSUR16GV37L	3700	3281	26	126
PRSUR16GV55L	5500	4832	39	124

SERIES	LUMENS ¹	CCT	DRIVER / DIMMING ³	OPTIONS ⁴	MOUNTING ⁵	REFRACTOR	DIFFUSER OPTIONS	FINISH ⁷
PRSUR16GV	15L	1500 Lm	EX Electronic Driver, 120V/277V DS10X 10% 0-10V, 120V/277V DO10X 1% 0-10V, 120V/277V	FS Fusing E347 347V Driver	SM Surface Mount SC2 Safety Cable, Refractor to Door	DF16 16" Diffuse PR16 16" Clear OP16 16" Opal	DOOR	MW ⁸ Matte White
	27L	2700 Lm					LENS	MB ⁸ Matte Black
	37L	3700 Lm					CNFR Conical Frosted Lens	PT ⁸ Platinum Silver
	55L	5500 Lm					CN Conical Lens	CC ⁸ Custom Color
						DR16D ⁶ 16" Spun Door BC16 16" Band Clamp RS16 ⁶ 16" Refractor Shroud	DL Drop Lens FO White Optical Acrylic PP Prismatic Polycarbonate PC Clear Polycarbonate WAG16 16" Wire Guard	See Page 4 for Full Range of Color Options (83-90081)

EXAMPLE: PRSUR16GV55L35KEX/SM/PR16/MW

NOTES:
 1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens at 35K with PR16, No Lens 3 Contact Factory for Additional Options 4 See Product Options Page for Details 5 See Mounting Page for Details on Components and Finishes
 6 Same Finish as Housing 7 See Color Page for More Options/Consult Factory for Special Finishes 8 Standard Finishes



PROJECT: _____
 QUANTITY: _____ TYPE: _____



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SUR SERIES / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

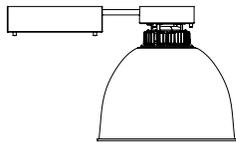


PT
PLATINUM SILVER



MOUNTING TYPES

SM
SURFACE MOUNT



ADDITIONS

FS - FUSING

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



LSP10 - SM - SURGE PROTECTOR

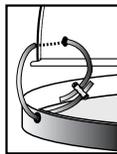
Surge protector absorbs transient electrical spikes and protects fixtures and electronics 120/277v. Re-sets after surge. Factory Installed.



SAFETY CABLE OPTIONS

SC2 - SAFETY CABLE

1/16" Stainless steel cable holds door to fixture



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SUR SERIES / FIXTURE OPTIONS



PRxxx16LEDGV-55L-35K-EX-PR16

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° - 10°	0° - 20°	0° - 30°	0° - 40°	0° - 60°	0° - 80°	0° - 90°	Total	100%	Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 1		RCR 3
	0.00°	4,236	380	8%	8.0'	66 fc	10.1'	33 fc	17'	12'	38	0.29	26	0.24					
	5.00°	4,044	1,325	27%	10.0'	42 fc	12.6'	21 fc	21'	14'	25	0.20	25	0.23					
	10.00°	3,694	2,602	54%	12.0'	29 fc	15.1'	14 fc	25'	16'	19	0.15	16	0.15					
	15.00°	3,361	3,555	74%	14.0'	22 fc	17.6'	11 fc	Delivered Illuminance Rating: (DIR) 128 FC per W/Sq. Ft. 107 FC per W/Sq. Ft. 3' Suspension Length Square rooms used for multiple units: - RCR 1: Length & Width = Ceiling Ht. - 5.5' x 10.00 - RCR 3: Length & Width = Ceiling Ht. - 5.5' x 3.33 * Average Footcandles at 2.5' Above Floor * Exceeds spacing criteria by 15% ** Exceeds spacing criteria by -1% *** Exceeds spacing criteria by -10%										
	20.00°	3,023	4,252	88%	16.0'	17 fc	20.2'	8 fc											
	30.00°	2,461	4,622	96%	20.0'	11 fc	25.2'	5 fc											
	40.00°	741	4,709	98%	24.0'	7 fc	30.2'	4 fc											
	50.00°	399	4,827	100%	28.0'	5 fc	35.3'	3 fc											
	60.00°	275																	
	70.00°	181																	
	80.00°	105																	
90.00°	62																		

Delivered Lumens: 4,827
Luminaire Watts: 39
LER: 123.77

CP at 0deg (Nadir): 4,236
CRI: 80+

Beam Angle: 64.1
Spacing Ratio: 0.91

Lamp Multiplier: 15L x 0.27, 27L x 0.46, 37L x 0.68
CCT Multiplier: 50K x 1.06, 40K x 1.03, 30K x 0.985, 27K x 0.971



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

