



HALF DOME PENDANT
DAMP LOCATION
 DOMO SHADES

PROJECT: _____
 QUANTITY: _____ TYPE: _____



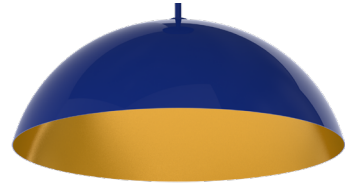
HD1606GV
 MB - Matte Black
 MWI - Matte White Interior



HD1606GV
 BZ - Bronze
 MWI - Matte White Interior



HD2412GV
 PT - Platinum Silver
 MWI - Matte White Interior



HD3012V
 BL - Blue Streak
 SNI - Sun Gold Interior

SERIES	LUMENS ¹	CCT	DRIVER / DIMMING ²	MOUNTING ³	CORD OPTIONS	INTERIOR ¹⁰	FINISH ¹⁰
HD1606GV	15L 1500 Lm	27K 2700K	EX ³ Electronic Driver, 120V/277V	RDC5 ^{3/4} Small Driver Canopy	STANDARD CORDS	MWI ¹¹ Matte White	MW ¹¹ Matte White
HD2412GV	27L 2700 Lm	30K 3000K	DO10X ⁴ 1%, 0-10V, 120V/277V	CP13 ^{4/5} Large Driver Canopy	CW White	CCI Custom Color	MB ¹¹ Matte Black
HD3012GV	37L 3700 Lm 55L 5500 Lm	35K 3500K 40K 4000K	DS2W1 ⁴ ELV / MLV, 120V DLTE1 ⁵ Lutron® 2-Wire Forward Phase (MLV), 120V DL3EX ⁶ 1%, Lutron® EcoSystem®, Fades to Black, 120V/277V	HM_ ⁷ Hang Straight AT_ ⁷ Hang Straight All Thread PM_ ⁷ Rigid Pendant Mount CD_ ⁷ Cord / Cable Mount CM_ ⁷ Cord Mount EMCR ⁸ 10W Canopy Mounted EM EMRM 7W Remote EM EMEN 7W Remote with Enclosure	CB Black CS Silver DECORATIVE CORDS ⁹ See Page 4 for Decorative Braided Color Cords	FCI Fixture Color Interior	PT ¹¹ Platinum Silver CC Custom Color

EXAMPLE: HD1612GV15L30KEX/RDC5CD36ORIMW

NOTES:
 1 Nominal Source Lumens at 35K 2 Contact Factory for Additional Options 3 RDC5 for EX/DO10X Drivers 4 37L Max with RDC5, 55L Max with CP13
 5 CP13 for Lutron Drivers 6 See Mounting Page for Details on Components and Finishes 7 Specify Length in Inches: See Mounting Page for Available Lengths
 8 EMCR Replaces RDC5 or CP13 9 Decorative Cord 120" Max Length 10 Reference Color Sheet Located on Product Webpage for Full List of Available Colors 11 Standard Finishes





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DOMO SHADES / FIXTURE OPTIONS

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
HD1606GV15L	1500	1040	10	104
HD1606GV27L	2700	1816	18	101
HD1606GV37L	3700	2664	26	102
HD1606GV55L	5500	3923	39	101

NOTES:
 1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens at 35K with MWI

APPLICATION

Half Dome hemisphere pendant for decorative area lighting.

FEATURES

Speculume series fixtures offer contemporary style with functional luminaire performance. All fixtures are designed and manufactured in our factory. LED Driver in canopy for thermal management. A variety of mounting options are available. Standard diffuser for visual comfort and to eliminate LED source visibility.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. See mounting and color pages for standard finishes. Interior is Matte White unless specified. Custom Color interior finish available.

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. Variety of electronic 120V/277V and dimming drivers.

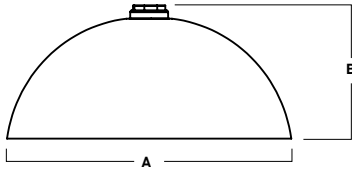
CONSTRUCTION

Fixtures are spun in our factory from 0.080 high purity aluminum. Cast aluminum heat sink for optimal thermal management.

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.

HOUSING DIMENSIONS



Dimensioned with **HD1606GV**

SERIES	A	B
HD1606GV	15.7	7.0
HD2412GV	24.0	12.7
HD3012GV	30.4	12.3

SERIES SIZES

HD1606GV



HD2412GV



HD3012GV



CEILING MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & CANOPY DIMENSIONS.)

HM / AT / PM

HANG STRAIGHT / ALL THREAD / PENDANT



HD1606GV SHOWN WITH RDC5PM

CD

CORD / CABLE MOUNT



HD1606GV SHOWN WITH RDC5CD

CM

CORD MOUNT



HD1606GV SHOWN WITH RDC5CM





HALF DOME PENDANT

DAMP LOCATION

DOMO SHADES / PHOTOMETRIC DATA

DECORATIVE

HD1606GV-55L-35K-EX-MWI

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											
			Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 1		RCR 3							
	0.00°																	
	0.00°	1,595	0° - 10°	153	4%	8.0'	25 fc	22.7'	8 fc	17'	16'	15	0.14	9	0.11			
	5.00°	1,575	0° - 20°	580	15%	10.0'	16 fc	28.4'	5 fc	21'	18''	14	0.13	11	0.13			
	10.00°	1,537	0° - 30°	1,224	31%	12.0'	11 fc	34.1'	4 fc	25'	20''	11	0.10	7	0.08			
	15.00°	1,488	0° - 40°	2,002	51%	14.0'	8 fc	39.8'	3 fc	Delivered Illuminance Rating: (DIR)								
	20.00°	1,429	0° - 60°	3,495	89%	16.0'	6 fc	45.5'	2 fc	104 FC per W/Sq. Ft.								
	30.00°	1,293	0° - 80°	3,890	99%	20.0'	4 fc	56.9'	1 fc	82 FC per W/Sq. Ft.								
	40.00°	1,136	0° - 90°	3,922	100%	24.0'	3 fc	68.2'	1 fc	3' Suspension Length								
	50.00°	945	Total	3,922	100%	28.0'	2 fc	79.6'	1 fc	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 16% *** Exceeds spacing criteria by -3% **** Exceeds spacing criteria by -15%								
	60.00°	486																
	70.00°	155																
	80.00°	60																
	90.00°	1																

Delivered Lumens: 3,922
Luminaire Watts: 39
LER: 100.56

CP of 0deg (Nadir): 1,595
CRI: 80+

Beam Angle: 108.82
Spacing Ratio: 1.2

Lamp Multiplier: 15L x 0.26, 27L x 0.46, 37L x 0.68
CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03

HD2412GV-55L-35K-EX-MWI

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											
			Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 1		RCR 3							
	0.00°																	
	0.00°	1,936	0° - 10°	183	5%	8.0'	30 fc	19.1'	12 fc	17'	16'	16	0.14	9	0.11			
	5.00°	1,913	0° - 20°	684	17%	10.0'	19 fc	23.8'	8 fc	21'	18''	14	0.13	11	0.13			
	10.00°	1,856	0° - 30°	1,419	35%	12.0'	13 fc	28.6'	5 fc	25'	20''	11	0.10	7	0.08			
	15.00°	1,780	0° - 40°	2,302	57%	14.0'	10 fc	33.4'	4 fc	Delivered Illuminance Rating: (DIR)								
	20.00°	1,688	0° - 60°	3,711	92%	16.0'	8 fc	38.1'	3 fc	108 FC per W/Sq. Ft.								
	30.00°	1,495	0° - 80°	4,025	99%	20.0'	5 fc	47.7'	2 fc	87 FC per W/Sq. Ft.								
	40.00°	1,315	0° - 90°	4,056	100%	24.0'	3 fc	57.2'	1 fc	3' Suspension Length								
	50.00°	953	Total	4,056	100%	28.0'	2 fc	66.8'	1 fc	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 21% *** Exceeds spacing criteria by 1% **** Exceeds spacing criteria by -11%								
	60.00°	264																
	70.00°	152																
	80.00°	71																
	90.00°	1																

Delivered Lumens: 4,056
Luminaire Watts: 39
LER: 104.00

CP of 0deg (Nadir): 1,936
CRI: 80+

Beam Angle: 100.04
Spacing Ratio: 1.15

Lamp Multiplier: 15L x 0.26, 27L x 0.46, 37L x 0.68
CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03

HD3012GV-55L-35K-EX-MWI

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											
			Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 1		RCR 3							
	0.00°																	
	0.00°	2,004	0° - 10°	186	5%	8.0'	31 fc	20.1'	12 fc	17'	16'	16	0.14	9	0.11			
	5.00°	1,965	0° - 20°	678	17%	10.0'	20 fc	25.1'	8 fc	21'	18''	14	0.13	12	0.13			
	10.00°	1,878	0° - 30°	1,390	34%	12.0'	14 fc	30.1'	5 fc	25'	20''	11	0.10	7	0.08			
	15.00°	1,776	0° - 40°	2,232	55%	14.0'	10 fc	35.2'	4 fc	Delivered Illuminance Rating: (DIR)								
	20.00°	1,677	0° - 60°	3,794	93%	16.0'	8 fc	40.2'	3 fc	109 FC per W/Sq. Ft.								
	30.00°	1,468	0° - 80°	4,070	99%	20.0'	5 fc	50.2'	2 fc	87 FC per W/Sq. Ft.								
	40.00°	1,257	0° - 90°	4,094	100%	24.0'	3 fc	60.3'	1 fc	3' Suspension Length								
	50.00°	1,020	Total	4,094	100%	28.0'	3 fc	70.3'	1 fc	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 26% *** Exceeds spacing criteria by 6% **** Exceeds spacing criteria by -7%								
	60.00°	327																
	70.00°	106																
	80.00°	48																
	90.00°	1																

Delivered Lumens: 4,094
Luminaire Watts: 39
LER: 104.97

CP of 0deg (Nadir): 2,004
CRI: 80+

Beam Angle: 102.29
Spacing Ratio: 1.1

Lamp Multiplier: 15L x 0.26, 27L x 0.46, 37L x 0.68
CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03



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 SPECLUME SPECIFICATION FOR PENDANT MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.



CEILING MOUNTING

<p>RDC5 - SMALL DRIVER CANOPY (STANDARD) MOUNTS TO 4" OCTO J-BOX</p> <p>CP13 - LARGE DRIVER CANOPY</p>	<p>HM* HANG STRAIGHT 45° SWIVEL 1/2" STEM - 3/8" NPT</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>AT** HANG STRAIGHT ALL THREAD 45° SWIVEL 1/2" STEM - 1/4" IP</p> <p>ORDER: AT (Length) SPECIFY LENGTH: AT12 - 12" AT48 - 48" AT24 - 24" AT60 - 60" AT36 - 36" AT72 - 72"</p> <p><small>FIELD-CUT THREADED PIPE FIELD-CUT HESSEID CUT PIPE LENGTHS 1/4" SHORTER THAN THREADED PIPE SLIP PIPE COVER OVER THREADED PIPE</small></p>	<p>PM* RIGID PENDANT MOUNT RIGID 1/2" STEM - 3/8" NPT</p> <p>ORDER: PM (Length) SPECIFY LENGTH: PM3 - 3" PM24 - 24" PM6 - 6" PM36 - 36" PM12 - 12" PM48 - 48" PM18 - 18" PM72 - 72" PMLLC(XX) Custom Length (Specify in Inches)</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>CM CORD MOUNT SJ CORD WITH STRAIN RELIEF</p> <p>ORDER: CM (Length) SPECIFY LENGTH: CM36 - 36" CM72 - 72" CM144 - 144" CMLC(XX) Custom Length (Specify in Inches)</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.
**ORDER IN 12" INCREMENTS, ODD SIZES MAY BE FIELD CUT

EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY (FOR ROUND CEILING MOUNT TYPES)

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											
A	B	C											
2.0	17.0	6.2											

*OTHER EM BATTERY SIZES AVAILABLE, CONSULT FACTORY

CORD OPTIONS

STANDARD VINYL CORDS

DECORATIVE BRAIDED COLOR CORDS

