



**HALF DOME PENDANT**  
**DAMP LOCATION**  
 DOMO SHADES

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



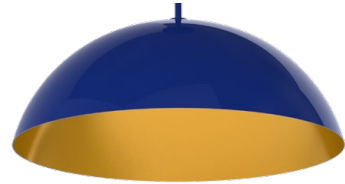
HD1606GV  
 MB - Matte Black  
 MWI - Matte White Interior



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 <sup>1</sup>	CCT	DRIVER / DIMMING <sup>2</sup>	MOUNTING <sup>3</sup>	CORD OPTIONS	INTERIOR <sup>10</sup>	FINISH <sup>10</sup>
HD1606GV	15L 1500 Lm	27K 2700K	EX <sup>3</sup> Electronic Driver, 120V/277V	RDC5 <sup>3/4</sup> Small Driver Canopy	STANDARD CORDS	MWI <sup>11</sup> Matte White	MW <sup>11</sup> Matte White
HD2412GV	27L 2700 Lm	30K 3000K	DO10X <sup>4</sup> 1%, 0-10V, 120V/277V	CP13 <sup>4/5</sup> Large Driver Canopy	CW White	CCI Custom Color	MB <sup>11</sup> Matte Black
HD3012GV	37L 3700 Lm 55L 5500 Lm	35K 3500K 40K 4000K	DS2W1 <sup>4</sup> ELV / MLV, 120V DLTE1 <sup>5</sup> Lutron® 2-Wire Forward Phase (MLV), 120V DL3EX <sup>6</sup> 1%, Lutron® EcoSystem®, Fades to Black, 120V/277V	HM_ <sup>7</sup> Hang Straight AT_ <sup>7</sup> Hang Straight All Thread PM_ <sup>7</sup> Rigid Pendant Mount CD_ <sup>7</sup> Cord / Cable Mount CM_ <sup>7</sup> Cord Mount EMCR <sup>8</sup> 10W Canopy Mounted EM EMRM 7W Remote EM EMEN 7W Remote with Enclosure	CB Black CS Silver  DECORATIVE CORDS <sup>9</sup>  See Page 5 for Decorative Braided Color Cords (83-90080)	FCI Fixture Color Interior  See Page 5 for Full Range of Color Options (83-90080)	PT <sup>11</sup> Platinum Silver CC Custom Color  See Page 5 for Full Range of Color Options (83-90080)

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 See Color Page for More Options/Consult Factory for Special Finishes 11 Standard Finishes





DECORATIVE

# HALF DOME PENDANT

## DAMP LOCATION

### DOMO SHADES / FIXTURE OPTIONS

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	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**  
 SpecLume 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.

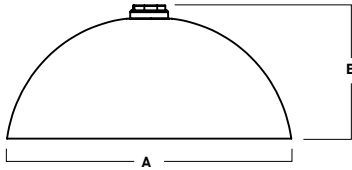
**FINISH**  
 Multi-stage polyester powder-coat process applied on our dedicated paint lines. See mounting and color pages for standard finishes. Interior is Matte White unless specified. Custom Color interior finish available.

**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)				104 FC per W/Sq. Ft.		82 FC per W/Sq. Ft.	
	20.00°	1,429	0° - 60°	3,495	89%	16.0'	6 fc	45.5'	2 fc	3' Suspension Length				Square rooms used for multiple units:			
	30.00°	1,293	0° - 80°	3,890	99%	20.0'	4 fc	56.9'	1 fc	- RCR 1: Length & Width = Ceiling Ht. - 5.5' x 10.00				- RCR 3: Length & Width = Ceiling Ht. - 5.5' x 3.33			
	40.00°	1,136	0° - 90°	3,922	100%	24.0'	3 fc	68.2'	1 fc	* Average Footcandles at 2.5' Above Floor				** Exceeds spacing criteria by 16%			
	50.00°	945	Total	3,922	100%	28.0'	2 fc	79.6'	1 fc	*** Exceeds spacing criteria by -3%				**** Exceeds spacing criteria by -15%			
	60.00°	486								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			
	70.00°	155								CP of 0deg (Nadir): 1,595				Beam Angle: 108.82			
	80.00°	60								CRI: 80+				Spacing Ratio: 1.2			
	90.00°	1															

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)				108 FC per W/Sq. Ft.		87 FC per W/Sq. Ft.	
	20.00°	1,688	0° - 60°	3,711	92%	16.0'	8 fc	38.1'	3 fc	3' Suspension Length				Square rooms used for multiple units:			
	30.00°	1,495	0° - 80°	4,025	99%	20.0'	5 fc	47.7'	2 fc	- RCR 1: Length & Width = Ceiling Ht. - 5.5' x 10.00				- RCR 3: Length & Width = Ceiling Ht. - 5.5' x 3.33			
	40.00°	1,315	0° - 90°	4,056	100%	24.0'	3 fc	57.2'	1 fc	* Average Footcandles at 2.5' Above Floor				** Exceeds spacing criteria by 21%			
	50.00°	953	Total	4,056	100%	28.0'	2 fc	66.8'	1 fc	*** Exceeds spacing criteria by 1%				**** Exceeds spacing criteria by -11%			
	60.00°	264								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			
	70.00°	152								CP of 0deg (Nadir): 1,936				Beam Angle: 100.04			
	80.00°	71								CRI: 80+				Spacing Ratio: 1.15			
	90.00°	1															

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)				109 FC per W/Sq. Ft.		87 FC per W/Sq. Ft.	
	20.00°	1,677	0° - 60°	3,794	93%	16.0'	8 fc	40.2'	3 fc	3' Suspension Length				Square rooms used for multiple units:			
	30.00°	1,468	0° - 80°	4,070	99%	20.0'	5 fc	50.2'	2 fc	- RCR 1: Length & Width = Ceiling Ht. - 5.5' x 10.00				- RCR 3: Length & Width = Ceiling Ht. - 5.5' x 3.33			
	40.00°	1,257	0° - 90°	4,094	100%	24.0'	3 fc	60.3'	1 fc	* Average Footcandles at 2.5' Above Floor				** Exceeds spacing criteria by 26%			
	50.00°	1,020	Total	4,094	100%	28.0'	3 fc	70.3'	1 fc	*** Exceeds spacing criteria by 6%				**** Exceeds spacing criteria by -7%			
	60.00°	327								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			
	70.00°	106								CP of 0deg (Nadir): 2,004				Beam Angle: 102.29			
	80.00°	48								CRI: 80+				Spacing Ratio: 1.1			
	90.00°	1															



# 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><b>RDC5</b> - SMALL DRIVER CANOPY (STANDARD) MOUNTS TO 4" OCTO J-BOX</p> <p><b>CP13</b> - LARGE DRIVER CANOPY</p>	<p><b>HM*</b> HANG STRAIGHT 45° SWIVEL 1/2" STEM - 3/8" NPT</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>AT**</b> HANG STRAIGHT ALL THREAD 45° SWIVEL 1/2" STEM - 1/4" IP</p> <p>ORDER: <b>AT</b> (Length) SPECIFY LENGTH: <b>AT12</b> - 12"    <b>AT48</b> - 48" <b>AT24</b> - 24"    <b>AT60</b> - 60" <b>AT36</b> - 36"    <b>AT72</b> - 72"</p> <p><small>FIELD CUT THREADED PIPE TO LENGTH REQUIRED. CUT PIPE COVER 3/4" SHORTER THAN THREADED PIPE. SLIP PIPE COVER OVER THREADED PIPE.</small></p>	<p><b>PM*</b> RIGID PENDANT MOUNT RIGID 1/2" STEM - 3/8" NPT</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>PMLLC(XX)</b> Custom Length (Specify in Inches)</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>CM</b> CORD MOUNT SJ CORD WITH STRAIN RELIEF</p> <p>ORDER: <b>CM</b> (Length) SPECIFY LENGTH: <b>CM36</b> - 36" <b>CM72</b> - 72" <b>CM144</b> - 144" <b>CMLC(XX)</b> 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 TOW EMERGENCY BATTERY (FOR ROUND CEILING MOUNT TYPES)

## 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



# COLOR OPTIONS - POWDER COAT PAINT FINISHES



## 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

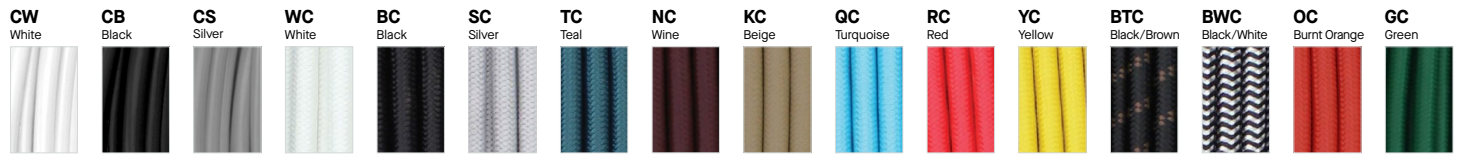
TIER	COST	PAINT TIME*
Tier 1 - Standard Finishes	\$	⌚
Tier 2 - Typical Finishes	\$\$	⌚⌚
Tier 3 - Special Metal Finishes	\$\$\$	⌚⌚⌚
Custom Color	Contact Factory	Contact Factory

\*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

## CORD OPTIONS

STANDARD VINYL CORDS

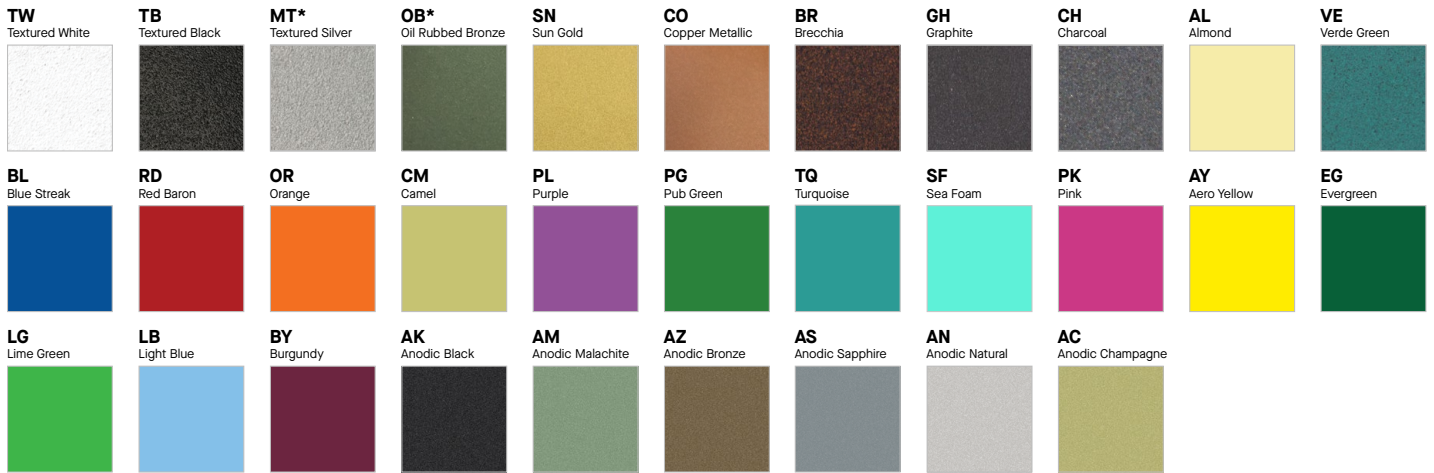
DECORATIVE BRAIDED COLOR CORDS



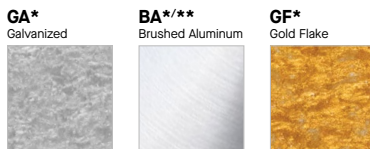
## TIER 1 - STANDARD FINISHES



## TIER 2 - TYPICAL FINISHES



## TIER 3 - SPECIAL METAL FINISHES



## CUSTOM COLOR FINISHES

CONTACT FACTORY

CC  
Custom Color



\*UNAVAILABLE FOR WET LOCATION

\*\* UNAVAILABLE FOR INTERIOR

