



PERFORMANCE PENDANT

DHH SERIES



DHH1115GV

APPLICATION

Lumen Max GV series performance pendant offers a unique design for low, mid-bay and high-bay applications.

FEATURES

Domed Fixture Housing (DDH) features a contemporary design that is easy to maintain. 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. Optional safety cable. Variety of mounting methods.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. Variety of standard and custom finishes are available. All exposed materials are chromate pretreated to resist corrosion.

ELECTRONICS

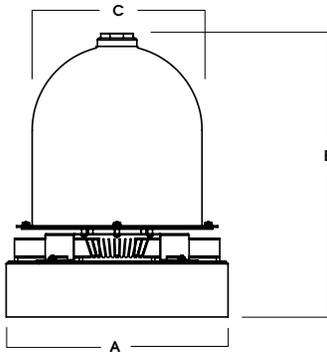
GV LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available; consult factory. Variety of electronic 120V/277V and dimming drivers.

CONSTRUCTION

Machined and spun aluminum housing with aluminum light shroud. Extruded and machined 6063-T5 aluminum heat sink.

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
18.3	15.0	9.0
464.8 mm	381 mm	228.6 mm

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
DHH1115GV110L	11000	10988	77	143
DHH1115GV150L	15000	11914	102	117
DHH1115GV180L	18000	14651	116	126

SERIES	LUMENS ¹		CCT		DRIVER / DIMMING ³		OPTIONS ⁴		MOUNTING ⁵		FINISH ¹⁰
DHH1115GV	110L	11000 Lm	27K	2700K	EX Electronic Driver, 120V/277V DS10X 10% 0-10V, 120V/277V DO10X 1% 0-10V, 120V/277V DLTE1 1% Lutron® ELV/MLV, 120V DALI DALI Controls	2CIR 2 Circuit 3CIR 3 Circuit E347 347V Driver SC1 Safety Cable	HM ⁶ Hang Straight AT ⁶ Hang Straight All Thread PM ⁶ Rigid Pendant CD ⁶ Cord / Cable Mount HC ^{5/7/8} Hook & Cord NM2 ^{7/8/9} ½" NPT Hub NM3 ^{7/8/9} ¾" NPT Hub CQD DMX Canopy	EMCR 10W Canopy Mounted EM EMRM 7W Remote EM EMEN 7W Remote with Enclosure	MW ¹¹ Matte White MB ¹¹ Matte Black PT ¹¹ Platinum Silver CC Custom Color	See Page 5 for Full Range of Color Options (83-90081)	
	150L	15000 Lm	30K	3000K							
	180L	18000 Lm	35K	3500K							40K

EXAMPLE: DHH1115GV110L27KEX/HM36/PT

NOTES:
 1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens at 35K 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 See Color Page for More Options/Consult Factory for Special Finishes 11 Standard Finishes



PROJECT: _____
 QUANTITY: _____ TYPE: _____



PERFORMANCE PENDANT

DHH SERIES / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

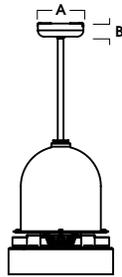


PT
PLATINUM SILVER



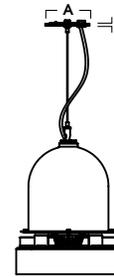
MOUNTING TYPES

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



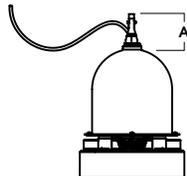
A	B
5.4	2.5
137.2 mm	63.5 mm

CD
CORD / CABLE MOUNT



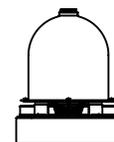
A	B
5.0	.25
127.0 mm	6.4 mm

HC
HOOK CORD



A
4.2
106.7 mm

NM
NO MOUNT



PERFORMANCE PENDANT

DHH SERIES / PHOTOMETRIC DATA



DHH1115GV-180L-40K-EX-MB

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 2		RCR 4							
	0.00°		0° - 10°	639	4%													
	0.00°	5,728		0° - 20°	2,214	15%												
	5.00°	5,764		0° - 30°	4,622	31%	10.0'	57 fc	27.5'	19 fc	22'	20'	36	0.31	28	0.31		
	10.00°	5,690		0° - 40°	7,560	51%	12.0'	40 fc	33.1'	13 fc	26'	22'	23	0.20	18	0.20		
	15.00°	5,587		0° - 60°	12,986	88%	14.0'	29 fc	38.6'	10 fc	32'	24'	21	0.18	10	0.11		
	20.00°	5,395		0° - 80°	14,686	100%	16.0'	22 fc	44.1'	7 fc	Delivered Illuminance Rating: (DIR) 115 FC per W/Sq. Ft. 92 FC per W/Sq. Ft.							
	30.00°	4,998		0° - 90°	14,688	100%	20.0'	14 fc	55.1'	5 fc								
	35.00°	4,332		Total	14,688	100%	24.0'	10 fc	66.1'	3 fc	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 -13% *** Exceeds spacing criteria by -27%							
	40.00°	4,332					28.0'	7 fc	77.1'	2 fc								
	45.00°	4,500					32.0'	6 fc	88.1'	2 fc								
	50.00°	3,373																

Delivered Lumens: **14,688**
 Luminaire Watts: **116**
 LER: **126.62**

CP at 0deg (Nadir): **5,728**
 CRI: **85+**

Beam Angle: **108.07**
 Spacing Ratio: **1.29**

Lamp Multiplier: **110L x 0.75, 150L x 0.81**
 CCT Multiplier: **0.944 for 27K, 30K and 35K**

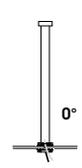
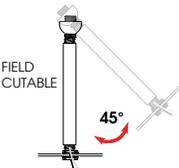
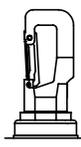


MOUNTING & ACCESSORIES

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.



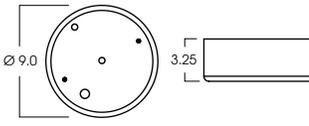
MOUNTING TYPES

<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>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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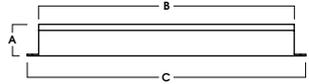
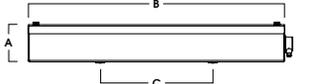
*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

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
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1.3	12.6	13.0											
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*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.




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

