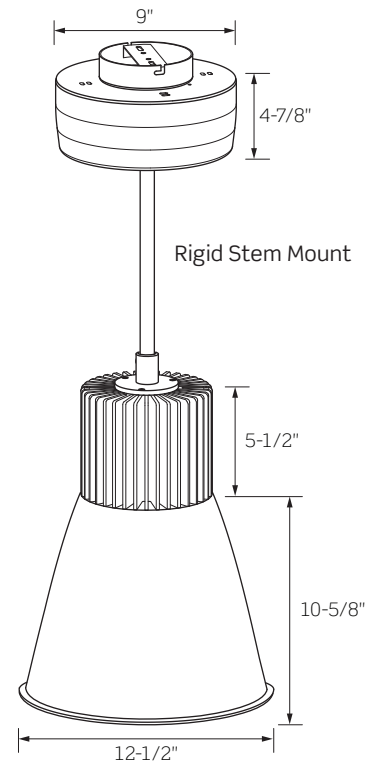


CGL12 SERIES | 12- and 16-Inch Performance Pendants



	CGL1232	CGL1254	CGL1282	CGL1290	CGL12100
WATTAGE	28W	38W	50W	60W	98W
LUMEN OUTPUT ¹	2200Lm	3300Lm	4100Lm	6100Lm	8500Lm
COLOR TEMPERATURE	2700K, 3000K, 3500K, 4000K				
CRI	83 (80min)				
MOUNTING	120-Inches Field Cuttable Flexible Cable, 6-Inch Rigid Stem ²				
DRIVER INPUT WATTAGE	28W	38W	50W	60W	98W
DRIVER INPUT VOLTAGE					
12D1	120V/50–60Hz	N/A	N/A	N/A	N/A
MVD2	90–305V/47–63H				
MVD4	120–277V/50–60Hz	N/A	N/A	N/A	N/A
DIMMING TYPE					
12D1	120V Forward Phase Dimming (28W Model Only)				
MVD2	120/277V 0-10V Dimming				
MVD4	Lutron Hi-Lume® A-Series L3D Driver, 1% Dimming (28W Model Only)				
LISTINGS	cCSAus Certified to UL standards, Suitable for Damp Locations				
WARRANTY	Five (5) year replacement after date of purchase				
SYSTEM RATING	50,000 Hours @ 70% Lumen Maintenance				

1. Lumen values are nominal and vary based on CCT and Shade Selection
2. Rigid Stem (RS) Mount Units include Canopy and 6 inch Stem; extra Stem lengths must be ordered separately as needed

CGL12 SERIES | 12- and 16-Inch Performance Pendants

ORDERING INFORMATION

Example Order: CGL129030KMVD2A12RS-S

Luminaire	CCT/CRI	Electrical/Dimming	Battery Back-Up	Shade	Mounting	Finish
CGL1232 28W CGL1254 38W CGL1282 50W CGL1290 60W CGL12100 98W	83 (80 Min.) CRI 27K 2700K 30K 3000K 35K 3500K 40K 4000K	12D1 ² 120V Forward Phase Dimming MVD2 120/277V 0-10V Dimming MVD4 ² Lutron Hi-Lume® A-Series L3D Driver, 1% Dimming	None <i>Leave Blank</i> EC Canopy Mount Local Switch, 6.5W ER Remote Mount and Remote Switch, 6.5W Includes Thin Canopy	A12 12-In. Acrylic A16 16-In. Acrylic AL16 16-In. Aluminum, Silver Finish CM 12-In. Metal Reflector, Medium Dist., Silver Finish CW 12-In. Metal Reflector, Wide Dist. Silver Finish	FC Flexible Cable Includes 120-in. Field Cuttable Flexible Cable RS Rigid Stem Includes 6-in. Stem; Additional stem lengths are ordered separately (below) Max Stem Length: 10 Feet Total (Incl. Couplings)	B Black Housing/Black Cord P White Housing/White Cord S ³ Silver Housing/Black Cord

2. 12D1 and MVD4 Dimming options available for CGL1232 (28W) Luminaire Only
3. Silver Cord Option Available, Consult Factory

ACCESSORY ORDERING INFORMATION

RIGID STEM LENGTHS

- For Rigid Stem (RS) Mount Only
- Maximum Stem Length: 10 Feet, Including Couplings

Stems	Finish	Stem Accessories	Finish
6" STEM(A) 6 In. 12" STEM(A) 12 In. 18" STEM(A) 18 In. 24" STEM(A) 24 In. 30" STEM(A) 30 In. 36" STEM(A) 36 In. 48" STEM(A) 48 In.	B Black P White S Silver	COUPLING External Coupler for Connecting Stems	B Black P White S Silver

BOTTOM LENSES

Lens Accessories
For Use with A12 Shades Only: PACDLA12 Optional 12" Conical Acrylic Prismatic Drop Lens and Clamp PASFLA12 Optional 12" Smooth Acrylic Flat Lens and Clamp For Use with A16 Shades Only: PACDLA16 Optional 16" Conical Acrylic Prismatic Drop Lens and Clamp PASFLA16 Optional 16" Smooth Acrylic Flat Lens and Clamp

PRODUCT SPECIFICATIONS

PERFORMANCE SUMMARY

- Available in the following color temperatures: 2700K, 3000K, 3500K, and 4000K; CRI of 80 min., 83 typical.
- Excellent fixture-to-fixture color consistency within a 3-step MacAdam Ellipse tolerance
- All CGL12 luminaires are available for non-dimming and dimming applications
- 0-10V Dimming, dimming range down to 15%; is the standard option for all luminaire wattages
- Dimmer control may be operated from an input signal of 0-10VDC
- The following dimmer has been confirmed to dim to 15% output: Lutron NTFTV with PP120H or PP277H
- Lutron Hi-Lume® A-Series L3D Driver with dimming range down to 1%, available only for CG1232 (28W) model
- For non-dimming applications, use the MVD2 driver option
- Emergency Battery Backup options available:
 - Canopy Mount with Local Switch (EC)
 - Remote Mount with Remote Switch (ER), comes with a thin canopy

- Tested in compliance with the Canadian Standards Association (CSA) as set forth in C22.2 No. 141, "Unit Equipment for Emergency Lighting."

CONSTRUCTION

- Available with a 12-inch and 16-inch Specular Metal Reflector designed to direct all light downward for maximum output and smooth distribution
- Acrylic Shades are available in 12-inch and 16-inch sizes; both well suited for any application including retail and commercial settings
- Flexible Cable or Rigid Stem Mono-Point Ceiling Canopies:
 - Flexible Cable includes 120-Inches of Field Adjustable Cable
 - Rigid Stem lengths are sold separately, lengths ranging from 6- to 48-inches long. Maximum allowable stem length: 10 feet including couplings
- Optional Frosted Glass Lens encloses the bottom of the Performance Pendant to provide safety in food service environments

CGL12 SERIES

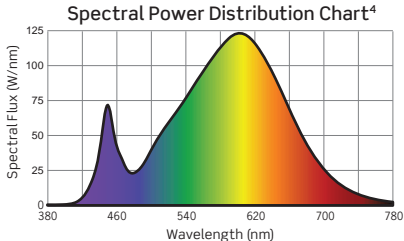
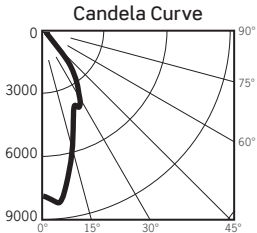
| 12- and 16-Inch Performance Pendants

CGL129030KMVD2A12FC: 62W / 3000K / 12" ACRYLIC SHADE

LM-63 Test No. 79684; LM-79 Test No. 79688

Fixture Delivered Lumens: 6436
 Total Watts@120V: 59.4
 Lumens Per Watt: 108.4
 Center Beam Candle Power: 7887
 Beam Distribution: 41°
 Spacing Criterion: 0.66
 Color Rendering Index (CRI)¹: 82
 Color Temperature (CCT)²: 3091K
 Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	219.1	3.9
8 FT	123.2	5.3
10 FT	78.9	6.6
12 FT	54.8	7.9
14 FT	40.2	9.2
16 FT	30.8	10.5

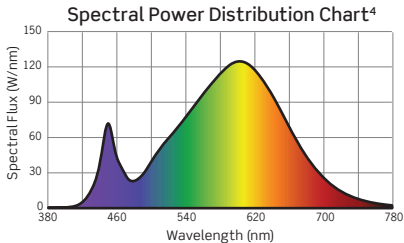
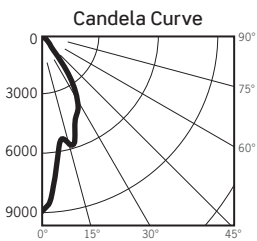


CGL129030KMVD2A16FC: 62W / 3000K / 16" ACRYLIC SHADE

LM-63 Test No. 79685; LM-79 Test No. 79689

Fixture Delivered Lumens: 6507
 Total Watts@120V: 59.4
 Lumens Per Watt: 109.5
 Center Beam Candle Power: 8950
 Beam Distribution: 46°
 Spacing Criterion: 0.68
 Color Rendering Index (CRI)¹: 82
 Color Temperature (CCT)²: 3083K
 Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	248.6	4.1
8 FT	139.8	5.5
10 FT	89.5	6.8
12 FT	62.2	8.2
14 FT	45.7	9.6
16 FT	35.0	10.9

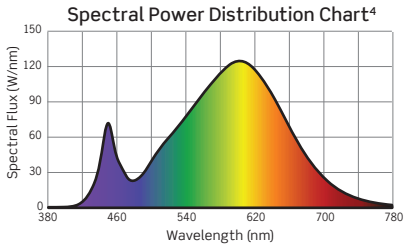
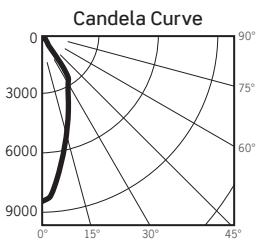


CGL129030KMVD2A16FC: 62W / 3000K / 16" ACRYLIC SHADE

LM-63 Test No. 79690; LM-79 Test No. 79689

Fixture Delivered Lumens: 5293
 Total Watts@120V: 59.5
 Lumens Per Watt: 89
 Center Beam Candle Power: 8475
 Beam Distribution: 38°
 Spacing Criterion: 0.58
 Color Rendering Index (CRI)¹: 81
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	235.4	3.5
8 FT	132.4	4.6
10 FT	84.8	5.8
12 FT	58.9	7.0
14 FT	43.2	8.1
16 FT	33.1	9.3

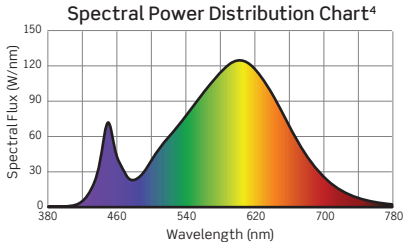
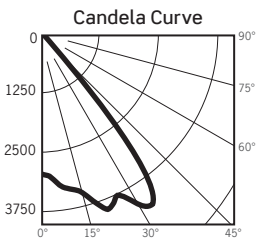


CGL129030KMVD2CWFC: 62W / 3000K / 12" METAL REFLECTOR / WIDE DISTRIBUTION

LM-63 Test No. 81421; LM-79 Test No. 79689

Fixture Delivered Lumens: 5766
 Total Watts@120V: 59.2
 Lumens Per Watt: 97.4
 Center Beam Candle Power: 2947
 Beam Distribution: 78°
 Spacing Criterion: 1.18
 Color Rendering Index (CRI)¹: 81
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	81.9	9.3
8 FT	46.0	12.5
10 FT	29.5	15.6
12 FT	20.5	18.7
14 FT	15.0	21.8
16 FT	11.5	24.9



1. Accuracy of Rendering Colors 2. Color Appearance of Light Source 3. Dependent on Surrounding Temperatures 4. Colors Present within the Light Source

PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on Color Temperature, Luminaire Wattage/ Output and Shade Selection. To estimate lumen output at other wattages or color temperatures, multiply the 3000K results (above) by the following:

CCT MULTIPLIERS	
CCT	STD CRI
2700K	0.92
3000K	1.00
3500K	1.03
4000K	1.04

OUTPUT MULTIPLIERS	
Luminaire	Multiplier
CGL1232	0.38
CGL1254	0.57
CGL1282	0.70
CGL1290	1.00
CGL12100	1.20