Project Name _____ **Qty** _____

Type _____ **Catalog / Part Number** _____



GL1970 - Large Gallery II						
Shade	Straight Edge (S)	Flared Edge (F)	Bell Edge (B)	Round with Flared Rim (RF)	Round with Round Rim (RR)	Round with Square Rim (RS)
Diameter	23.9″	23.9″	26″	25″	24.5″	23.8″
Height	17.9″	16.6″	18.2″	19.6″	19.1″	18.6″

Certifications

c UL us LISTED

Mounting Configuration


Wall Mount


1 Arm Mount


2 Arm Mount @ 180°


2 Arm Mount @ 90°


3 Arms @ 120°


3 Arms @ 90°


4 Arms @ 90°


1Arm MidMount


2Arm MidMount @180


Stem Hung


Chain Hung


Catenary

Description

The GL1970 Gallery™ series is a large scale, decorative pendant luminaire with a cast aluminum driver housing and spun aluminum shades. The housing and shades is available in a variety of shapes and styles for any application.
EPA: 0.9 (ft²) | WEIGHT: 56 LBS

Features

Mounting Configuration
1W: Wall Mount
1A: 1 Arm Mount
2A: 2 Arm Mount @ 180°
2A90: 2 Arm Mount @ 90°
3A: 3 Arms @ 120°
3A90: 3 Arms @ 90°
4A: 4 Arms @ 90°
1AM: 1Arm MidMount
2AM: 2Arm MidMount @180
SH44: Stem Hung
CH44: Chain Hung
CAT: Catenary

Luminaire
GL1970: Large Gallery

Shade Style
S: Straight Edge
B: Bell Edge
RF: Round with Flared Rim
F: Flared Edge
RR: Round with Round Rim
RS: Round with Square Rim

Housing
BFR: Base Fixture Round
BFS: Base Fixture Stepped
GRR: Glow Rings Round
GRS: Glow Rings Stepped
SRR: Solid Rings Glow Top, Round
SRS: Solid Rings Glow Top, Stepped
GWR: Glow Window Round
GWS: Glow Window Stepped
BSR: Blank Top Solid Rings Round
BSS: Blank Top Solid Rings Stepped

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Finish


Black Textured


Urban Gun Metal Textured


Urban Gun Metal Matte


Urban Bronze Textured


Urban Bronze Matte


Urban Silver Textured


Urban Silver Matte


Urban White Textured


Urban White Matte


Custom Match

CCT - Color Temp (K)


2,700K

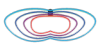

3,000K


3,500K


4,000K


5,000K

Distribution Type


Type 2


Type 3


Type 4


Type 5

Technologies


Solar

Finish	**BKT:** Black Textured **UGMT:** Urban Gun Metal Textured **UGM:** Urban Gun Metal Matte **UBT:** Urban Bronze Textured **UB:** Urban Bronze Matte **USLT:** Urban Silver Textured **USL:** Urban Silver Matte **UWHT:** Urban White Textured **UWH:** Urban White Matte **CM:** Custom Match
Lens	**CA:** Clear Acrylic **SA:** Sag Acrylic **SV1:** Flat SoftVue™ Light Diffused Acrylic **SV2:** Flat SoftVue™ Moderate Diffused Acrylic **SV4:** Flat SoftVue™ Maximum Diffused Acrylic **SV1SA:** SoftVue™ Light Diffused Sag Acrylic **SV2SA:** SoftVue™ Moderate Diffused Sag Acrylic **SV4SA:** SoftVue™ Maximum Diffused Sag Acrylic
Hangstraight	**HSHB:** Standard Horizontal Hangstraight, Ball Finial **HSHS:** Standard Horizontal Hangstraight, Spike Finial **HSHN:** Standard Horizontal Hangstraight, No Finial **EZ:** Vertical Hangstraight, Large, "EZ" Mount
Optional Control Receptacle	**R7:** 7-Pin control receptacle only
Optional Control	**PE:** Twist-Lock Photocontrol (120V-277V) **PE4:** Twist-Lock Photocontrol (347V-480V) **SC:** Shorting Cap **PEC:** Electronic Button Photocontrol (120V-277V) **PEC4:** Electronic Button Photocontrol (480V)
Optional Fuse	**FHD:** Double Fuse and Holder
Optional House Side Shield	**BLOC:** Back Light Optical Control

Light Source

LED	**16L:** 16 LEDs **32L:** 32 LEDs	**24L:** 24 LEDs **40L:** 40 LEDs
CCT - Color Temp (K)	**27:** 2,700K **35:** 3,500K **50:** 5,000K	**30:** 3,000K **40:** 4,000K
Distribution Type	**T2:** Type 2 **T4:** Type 4	**T3:** Type 3 **T5:** Type 5
Driver	**MDL010:** 120V-277V, 100mA **MDL012:** 120V-277V, 120mA **MDL014:** 120V-277V,140mA **MDL016:** 120V-277V,160mA **MDS48V:** DC Solar, 48V	**MDH010:** 347V-480V,100mA **MDH012:** 347V-480V,120mA **MDH014:** 347V-480V,140mA **MDH016:** 347V-480V,160mA

Important

Virtual Patent Marking Notice

This website (https://www.lmpg.com/patents-trademarks) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

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How to Order

Mounting Configuration	Luminaire	Shade Style	Housing	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Hangstraight
1W Wall Mount **1A** 1 Arm Mount **2A** 2 Arm Mount @ 180° **2A90** 2 Arm Mount @ 90° **3A** 3 Arms @ 120° **3A90** 3 Arms @ 90° **4A** 4 Arms @ 90° **1AM** 1Arm MidMount **2AM** 2Arm MidMount @180 **SH44** Stem Hung **CH44** Chain Hung **CAT** Catenary [1]	**GL1970** Large Gallery	**S** Straight Edge **F** Flared Edge **B** Bell Edge **RR** Round with Round Rim **RF** Round with Flared Rim **RS** Round with Square Rim	**BFR** Base Fixture Round **BFS** Base Fixture Stepped **GRR** Glow Rings Round **GRS** Glow Rings Stepped **SRR** Solid Rings Glow Top, Round **SRS** Solid Rings Glow Top, Stepped **GWR** Glow Window Round **GWS** Glow Window Stepped **BSR** Blank Top Solid Rings Round **BSS** Blank Top Solid Rings Stepped	**16L** 16 LEDs **24L** 24 LEDs **32L** 32 LEDs **40L** 40 LEDs	**27** 2,700K **30** 3,000K **35** 3,500K **40** 4,000K **50** 5,000K	**T2** Type 2 **T3** Type 3 **T4** Type 4 **T5** Type 5	**MDL010** 120V-277V, 100mA [2] **MDH010** 347V-480V,100mA [2] **MDL012** 120V-277V, 120mA [3] **MDH012** 347V-480V,120mA [3] **MDL014** 120V-277V,140mA [2] **MDH014** 347V-480V,140mA [2] **MDL016** 120V-277V,160mA [4] **MDH016** 347V-480V,160mA [4] **MDS48V** DC Solar, 48V [5] [6]	**CA** Clear Acrylic **SA** Sag Acrylic **SV1** SoftVue™ Light Diffused **SV2** SoftVue™ Moderate Diffused **SV4** SoftVue™ Maximum Diffused **SV1SA** SoftVue™ Light Diffused Sag Acrylic **SV2SA** SoftVue™ Moderate Diffused Sag Acrylic **SV4SA** SoftVue™ Maximum Diffused Sag Acrylic	**HSHB** Standard Horizontal Hangstraight, Ball Finial **HSHS** Standard Horizontal Hangstraight, Spike Finial **HSHN** Standard Horizontal Hangstraight, No Finial **EZ** Vertical Hangstraight, Large, "EZ" Mount [7]

Notes:

1. Requires EZ hang-straight.
2. 24L system only.
3. 16L, 32L and 40L systems only.
4. 40L system only.
5. Only available in 3,000K and 4,000K CCT.
6. Not for use with R7 and PEC control options.
7. Not for use with R7.

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How to Order

Optional Control Receptacle	Optional Control	Optional Fuse	Optional House Side Shield [10]	Finish
R7 7-Pin control receptacle only [8]	**PE** Twist-Lock Photocontrol (120V-277V) [9] **PE4** Twist-Lock Photocontrol (347V-480V) [9] **SC** Shorting Cap [9] **PEC** Button Photo Control (120V-277V) **PEC4** Button Photocontrol (480V)	**FHD** Double Fuse and Holder	**BLOC** Back Light Optical Control [11]	**BKT** Black Textured **UGMT** Urban Gun Metal Textured **UGM** Urban Gun Metal Matte **UBT** Urban Bronze Textured **UB** Urban Bronze Matte **USLT** Urban Silver Textured **USL** Urban Silver Matte **UWHT** Urban White Textured **UWH** Urban White Matte **CM** Custom Match

Notes:

8. Only available with HORIZONTAL hangstraight.
9. Requires control receptacle.
10. Not for use with T5 optic.
11. Only available with T2, T3 and T4.

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Specifications

Housing	The heavy wall permanent mold heat sink is constructed of low-copper aluminum 356 alloy for enhanced corrosion resistance and high tensile strength. The finned heat sink efficiently dissipates heat from the source and is covered with an spun aluminum shade.
LED Module	The field replaceable internal LED module comes factory sealed with an IP66 rating. The internal heat sink is sealed to the lens to protect the LED platform from the outside elements.
Recommended Arms	This luminaire pairs well with the variety of arms: **OD, ON, R2, OA, CA and CSA** An assortment of alternate arms are available to suit any application. Build your assembly in Genesis to review different arm styles.
Hang-Straight	A hang-straight transition is required for most hanging mounting configurations. The Standard **(HSHx)** is an aluminum ball and swivel horizontal hang-straight. Available with a spike **(S)**, a ball **(B)**, or no finial **(N)**. The hang-straight slips a **4" long by 2-3/8" OD** horizontal tenon. The **(EZ)** is a cast stainless steel ball and swivel vertical hang-straight. The special 2-part design allows for easy installation. It is factory installed under an arm and on the fixture.
Catenary Mount	The Catenary mount option includes a cast aluminum span wire clamp, which accommodates cables **1/4"-5/8"** in diameter. Below the clamp is a decorative cast aluminum wire box and cover which transitions to the **EZ** vertical Hangstraight for fixture attachment. **Aircraft Cable by others.**
Solar Power System	Luminaire available for integration with solar platforms **(controller, panel, and batteries by others)** with a 48VDC **(MDS48V)** board configuration. Offered in 3,000K or 4,000K CCT Max drive current (mA) is based on the number of LEDs: 16L = 960mA 24L = 1,680mA 32L = 2,240mA 40L = 2,800mA Consult solar platform manufacturer to confirm compatibility with the voltages and system currents above.
Hardware	Includes Stainless steel hardware. Most finishes will include hardware with a Black Oxide conversion coating. Light finishes will get non-color coated hardware **(Whites and Silvers)**
Lens	Optional glare reducing SoftVue™ lens provides optimal visual comfort.
UL Listing	UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations operating in an ambient temperature of up to 40°C (105°F)
Electronic Driver	The LED driver is UL recognized and will be securely mounted inside the fixture, for optimized performance and longevity. It will be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections for fixture installation and maintenance. It will have DC voltage output and be a constant current design. It runs at 50/60HZ and will have overload, overheat, and short circuit protection. It will be supplied with a supplemental line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It will be a high efficiency driver with a THD less than 20% and a high-power factor greater than .9. It will be dimming capable using a 0-10V signal, consult factory for more information.
NightSky® Friendly	Dark sky design properties with a U0 BUG rating for specific configurations.
IP Rating	IP66 rated luminaire for enhanced protection against dust and water intrusion.
Finish	Our 6 Stage Polyester Powder coat paint system offers a beautiful high-end finish that holds up to even the most extreme environments. Each part is inspected for quality and consistency before being released for shipment. Our system exceeds AAMA 2604, AAMA 2605, ASTM D523 and ASTM D4214 requirements.
Custom Finish	Custom finishes are offered to adapt to any application. **Custom Match** option is available to blend sternberg product with the site, consult factory for more information.

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Urban Finish	The Urban finish palette was created to highlight a modern, elegant aesthetic. All finishes are a 1 part powder coat with metallic flakes for a superior appearance. Finishes are available in textured or matte. Available finishes include: **Black Textured, Urban Gun Metal, Urban Bronze, Urban Silver and Urban White**
Warranty	7-year limited warranty. See Website for Terms and Conditions.
LEDs	The LEDs in this system will be fully shielded in a direct downward position to maximize efficiency. The LEDs are mounted to maximize thermal transfer to the heat sink surface. The LEDs shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. Lumen maintenance shall be determined in accordance with IESNA TM-21, based on LED manufacturer LM-80 test data of no less than 6,000 hours and in-situ testing of the luminaire by an NVLAP accredited Energy Efficient Lighting Products lab. The high-performance white LEDs will have a predicted lumen depreciation of approximately 100,000 hours with greater than 70% of initial output. The high brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT). Photometrics comply with LM79 testing standards. **CCT Lumen Derate Values from 4,000K (70+ CRI)** 2,700K (70+ CRI)=**.85** 3,000K (70+ CRI)=**.92** 3,500K (70+ CRI)=**1.00** 5,000K (70+ CRI)=**1.00** **Consult factory for custom correlated color temperature (CCT) or color rendering index (CRI).**
Optics	The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ___ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.
Backlight Optical Control	**BLOC Optic (BLOC):** An optional "Back Light Optical Control" shield can be provided at the factory. This is an internal optic level "House Side Shield" offering significantly reduced backlight and glare while maintaining the original design aesthetics of the luminaire. **External House Side Shield (HSS):** An optional external 120° House Side Shield helps control backlight. Spun aluminum panel painted to match fixture.
Photocontrols	**Button Photocell:** The photocontrol shall be mounted on the fixture and pre-wired to driver. The electronic button type photocontrol is instant on and will turn on at 1.5 footcandles and will turn off at 2-3 footcandles. See pole spec sheet for pole mounted version. **Twist-Lock Style (Hangstraight Mount):** The photocontrol shall be mounted externally on the hangstraight and pre-wired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. If an **R7** is specified alongside a **BALL** or **SPIKE** style finial on hang-straight, a decorative cap (with window) is included to cover a **STANDARD** photocell. Use the **NO FINIAL** hangstraight option if the **R7** is used with a **WIRELESS CONTROLLER** .

Lumen Chart(s)

Tested with CA lens

Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
40L-40-T_-MDL016	22415	B3U0G3	128.8	20740	B3U0G3	119.2	21720	B3U0G3	124.8	22555	B4U0G2	129.6	174
40L-30-T_-MDL016	20690	B3U0G3	118.9	19145	B3U0G3	110.0	20050	B3U0G3	115.2	20820	B4U0G2	119.7	174
40L-27-T_-MDL016	18965	B3U0G3	109.0	17550	B3U0G3	100.9	18380	B3U0G3	105.6	19085	B4U0G2	109.7	174
40L-40-T_-MDL012	17390	B3U0G3	140.2	16135	B3U0G3	130.1	16830	B3U0G3	135.7	17505	B4U0G2	141.2	124
40L-30-T_-MDL012	16050	B3U0G3	129.4	14895	B3U0G3	120.1	15535	B3U0G3	125.3	16160	B4U0G2	130.3	124
40L-27-T_-MDL012	14715	B3U0G3	118.7	13655	B3U0G3	110.1	14240	B3U0G3	114.8	14810	B4U0G2	119.4	124
32L-40-T_-MDL012	14025	B2U0G2	140.3	12970	B3U0G3	129.7	13515	B2U0G2	135.2	14025	B3U0G2	140.3	100
32L-30-T_-MDL012	12945	B2U0G2	129.5	11970	B3U0G3	119.7	12475	B2U0G2	124.8	12945	B3U0G2	129.5	100
32L-27-T_-MDL012	11865	B2U0G2	118.7	10975	B3U0G3	109.8	11435	B2U0G2	114.4	11865	B3U0G2	118.7	100
24L-40-T_-MDL014	11910	B2U0G2	135.3	11095	B2U0G2	126.1	11510	B2U0G2	130.8	11975	B3U0G2	136.1	88
24L-30-T_-MDL014	10995	B2U0G2	124.9	10240	B2U0G2	116.4	10625	B2U0G2	120.7	11055	B3U0G2	125.6	88
24L-27-T_-MDL014	10080	B2U0G2	114.5	9390	B2U0G2	106.7	9740	B2U0G2	110.7	10135	B3U0G2	115.2	88
24L-40-T_-MDL010	8880	B2U0G2	143.2	8310	B2U0G2	134.0	8580	B2U0G2	138.4	8945	B3U0G1	144.3	62
24L-30-T_-MDL010	8195	B2U0G2	132.2	7670	B2U0G2	123.7	7920	B2U0G2	127.7	8255	B3U0G1	133.1	62
24L-27-T_-MDL010	7515	B2U0G2	121.2	7030	B2U0G2	113.4	7260	B2U0G2	117.1	7570	B3U0G1	122.1	62
16L-40-T_-MDL012	7025	B1U0G1	137.7	6470	B2U0G2	126.9	6740	B1U0G2	132.2	7020	B3U0G1	137.6	51
16L-30-T_-MDL012	6485	B1U0G1	127.2	5970	B2U0G2	117.1	6220	B1U0G2	122.0	6480	B3U0G1	127.1	51
16L-27-T_-MDL012	5945	B1U0G1	116.6	5475	B2U0G2	107.4	5705	B1U0G2	111.9	5940	B3U0G1	116.5	51

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Hangstraight

Horizontal Hang-straights slip fit 4" long by 2-3/8" OD horizontal tenon



Standard Horizontal Hangstraight, Spike Finial **(HSHS)**



Standard Horizontal Hangstraight, Ball Finial **(HSHB)**



Standard Horizontal Hangstraight, No Finial **(HSHN)**



"EZ" Vertical hangstraight **(EZ)**

Housing | Upper Portion



Round Housing



Stepped Housing

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Stepped Housing with Straight Edge Shade



Base Fixture Stepped (**BFS)**



Glow Window Stepped **(GWS)**



Solid Rings Glow Top Stepped **(SRS)**



Glow Rings Stepped **(GRS)**



Blank Top Solid Rings Stepped **(BSS)**

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Round Housing with Straight Edge Shade



Base Fixture Round **(BFR)**



Glow Window Round **(GWR)**



Solid Rings Glow Top Round **(SRR)**



Glow Rings Round **(GRR)**



Blank Top Solid Rings Round **(BSR)**

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Shade Styles



Straight Edge **(S)**



Flared Edge **(F)**



Bell Edge **(B)**



Round with Round Rim **(RR)**



Round with Flared Rim **(RF)**



Round with Square Rim **(RS)**

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Options



Double Fuse Holder & (2) 3A Fuses **(FHD)**



Button Photocell **(PEC or PEC4)**



Back Light Optical Control **(BLOC)**



7-Pin NEMA Twist-Lock Receptacle **(R7)**



NEMA Receptacle Shorting Cap **(SC)**



NEMA Twist-Lock Photocell **(PE or PE4)**

Recommended Arms

An assortment of alternate arms are also available



(OD) Arm



(R2) Arm



(OA) Arm



(CA) Arm

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