

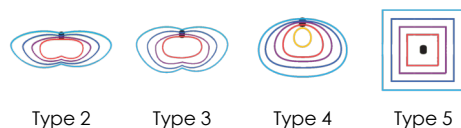
Project Name _____ Qty _____

Type _____ Catalog / Part Number _____

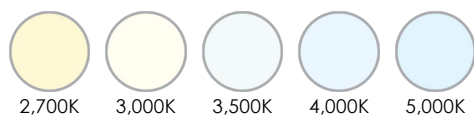


GL1970 - Large Gallery II						
Shade	Straight Edge (S)	Flared Edge (F)	Bell Edge (B)	Round with Flared Rim (RF)	Round with Round Rim (RR)	Round with Square Rim (RS)
Diameter	23.9"	23.9"	26"	25"	24.5"	23.8"
Height	17.9"	16.6"	18.2"	19.6"	19.1"	18.6"

Distribution Type



CCT - Color Temp (K)



7 Year Warranty



IP Rating



Certifications



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. The luminaire measures 24" diameter and 18" overall height. The Luminaire shall be UL listed in US and Canada.

EPA: 0.9 (#²)
WEIGHT: 56 LBS

Features

Mounting Configuration

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

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 Hangstraight

- HSHS:** Standard Horizontal Hangstraight, Spike Finial
- HSHN:** Standard Horizontal Hangstraight, No Finial
- HSHB:** Standard Horizontal Hangstraight, Ball Finial
- EZ:** Vertical Hangstraight, Large, "EZ" Mount

Optional House Side Shield

- HSS:** 120° House Side Shield
- BLOC:** Back Light Optical Control

Physical

Luminaire Large Gallery

Shade Style	S: Straight Edge	F: Flared Edge
	B: Bell Edge	RR: Round with Round Rim
	RF: Round with Flared 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 Round
	SRS: Solid Rings Stepped
	GWR: Glow Window Round
	GWS: Glow Window Stepped
	BSR: Blank Top Solid Rings Round
	BSS: Blank Top Solid Rings Stepped

Lens	CA: Clear Acrylic
	SA: Sag Acrylic
	SV1: Flat Soft Vue Light Diffused Acrylic
	SV2: Flat Soft Vue Moderate Diffused Acrylic
	SV4: Flat Soft Vue Maximum Diffused Acrylic
	SV1SA: Soft Vue Light Diffused Sag Acrylic
	SV2SA: Soft Vue Moderate Diffused Sag Acrylic
SV4SA: Soft Vue Maximum Diffused Sag Acrylic	

Finish	UGMT: Urban Gun Metal Textured	UGM: Urban Gun Metal Matte
	UB: Urban Bronze Matte	UBT: Urban Bronze Textured
	USL: Urban Silver Matte	USLT: Urban Silver Textured
	UWH: Urban White Matte	UWHT: Urban White Textured
	CM: Custom Match	BKT: Black Textured

Light Source

LED	16L: 16 LEDs	24L: 24 LEDs
	32L: 32 LEDs	40L: 40 LEDs

CCT - Color Temp (K)	27: 2,700K	30: 3,000K
	35: 3,500K	40: 4,000K
	50: 5,000K	

Distribution Type	T2: Type 2
	T3: Type 3
	T4: Type 4
	T5: Type 5

Electrical and control

Driver	MDH010: 347V-480V, 100mA	MDL010: 120V-277V, 100mA
	MDH012: 347V-480V, 120mA	MDL012: 120V-277V, 120mA
	MDH014: 347V-480V, 140mA	MDL014: 120V-277V, 140mA
	MDH016: 347V-480V, 160mA	MDL016: 120V-277V, 160mA

Specifications

Comfortable Optics	SoftVue™ lens provides optimal visual comfort
UL Listing	UL listed per UL1598 for Wet Locations and CSA 22.2 No. 250.0 for the US and Canada.

Electronic Driver	The LED driver shall be securely mounted inside the fixture, for optimized performance and longevity and shall be U.L. Recognized. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload, overheat and short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be a high efficiency driver with a THD less than 20% and a high power factor greater than .9. It shall be dimming capable using a 0-10v signal, consult factory for more information.
NightSky® Friendly	Dark sky compliant optics with a U0 BUG rating for specific configurations.
IP Rating	IP66 rated
Finish	6 Stage Polyester Powdercoat paint system.
Urban Finish	Urban paint finishes are available in Sternberg Lighting's Urbanline products and create a modern, elegant aesthetic. Finishes are available in textured or matte.
Warranty	7-year limited warranty (See Website for Terms and Conditions.)
LEDs	<p>The luminaire shall be fully shielded and use high output, high brightness LEDs in a 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 at 25°C. The high brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum _____ (see table) delivered initial lumens when operated at steady state with an average ambient temperature of 25°C (77°F).</p> <p>CCT Lumen Derate Values from 4,000K</p> <p>2,700K (70+ CRI)=.92 3,000K (70+ CRI)=.95 3,500K (70+ CRI)=.97 5,000K (70+ CRI)=1.00</p>
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	<p>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.</p> <p>External House Side Shield (HSS): An optional external 120° House Side Shield helps control backlight. Spun aluminum panel painted to match fixture.</p>
Photocontrols	<p>Button Photocell: The photocontrol shall be mounted on the fixture and pre-wired to driver. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. See pole spec sheet for pole mounted version.</p> <p>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.</p>

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
40L40T_-MDL016	21710	B3U0G3	124.8	21240	B3U0G3	122.1	21105	B3U0G3	121.3	21845	B4U0G2	125.5	174
40L30T_-MDL016	20700	B3U0G3	119.0	20250	B3U0G3	116.4	20125	B3U0G3	115.7	20830	B4U0G2	119.7	174
40L27T_-MDL016	18715	B3U0G3	107.6	18310	B3U0G3	105.2	18195	B3U0G3	104.6	18830	B4U0G2	108.2	174
40L40T_-MDL012	17040	B3U0G3	137.4	16510	B3U0G3	133.1	16530	B3U0G3	133.3	17155	B4U0G2	138.3	124
40L30T_-MDL012	16245	B3U0G3	131.0	15740	B3U0G3	126.9	15760	B3U0G3	127.1	16355	B4U0G2	131.9	124
40L27T_-MDL012	14690	B3U0G3	118.5	14235	B3U0G3	114.8	14250	B3U0G3	114.9	14790	B4U0G2	119.3	124
32L40T_-MDL012	13650	B2U0G2	136.5	13290	B3U0G3	132.9	13300	B2U0G2	133.0	13840	B3U0G2	138.4	100
32L30T_-MDL012	13015	B2U0G2	130.2	12670	B3U0G3	126.7	12680	B2U0G2	126.8	13195	B3U0G2	132.0	100
32L27T_-MDL012	11765	B2U0G2	117.7	11455	B3U0G3	114.6	11465	B2U0G2	114.7	11930	B3U0G2	119.3	100
24L40T_-MDL014	11535	B2U0G2	131.1	11275	B2U0G2	128.1	11270	B2U0G2	128.1	11650	B3U0G2	132.4	88
24L30T_-MDL014	11000	B2U0G2	125.0	10750	B2U0G2	122.2	10745	B2U0G2	122.1	11110	B3U0G2	126.3	88
24L27T_-MDL014	9945	B2U0G2	113.0	9720	B2U0G2	110.5	9715	B2U0G2	110.4	10045	B3U0G2	114.1	88
24L40T_-MDL010	8950	B2U0G2	144.4	8440	B2U0G2	136.1	8445	B2U0G2	136.2	8690	B3U0G1	140.2	62
24L30T_-MDL010	8535	B2U0G2	137.7	8045	B2U0G2	129.8	8050	B2U0G2	129.8	8285	B3U0G1	133.6	62
24L27T_-MDL010	7715	B2U0G2	124.4	7275	B2U0G2	117.3	7280	B2U0G2	117.4	7490	B3U0G1	120.8	62
16L40T_-MDL012	6815	B1U0G1	133.6	6670	B2U0G2	130.8	6690	B1U0G2	131.2	6860	B3U0G1	134.5	51
16L30T_-MDL012	6500	B1U0G1	127.5	6360	B2U0G2	124.7	6380	B1U0G2	125.1	6540	B3U0G1	128.2	51
16L27T_-MDL012	5875	B1U0G1	115.2	5750	B2U0G2	112.7	5765	B1U0G2	113.0	5915	B3U0G1	116.0	51

Housing | Upper Portion



Round Housing



Stepped Housing

Stepped Housing with Straight Edge Shade



Base Fixture Stepped (**BFS**)



Glow Window Stepped (**GWS**)



Solid Rings Stepped (**SRS**)



Glow Rings Stepped (**GRS**)



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

Round Housing with Straight Edge Shade



Base Fixture Round (**BFR**)



Glow Window Round (**GWR**)



Solid Rings Round (**SRR**)



Glow Rings Round (**GRR**)



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

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)**

Vertical Hangstraight



"EZ" Vertical hangstraight (EZ)

Standard Horizontal Hangstraight

To slip fit 4" long by 2-3/8" OD on horizontal tenon



Standard Horizontal Hangstraight, Spike Finial (HSHS)



Standard Horizontal Hangstraight, Ball Finial (HSHB)



Standard Horizontal Hangstraight, No Finial (HSHN)

Options



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



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



NEMA Receptacle Shorting Cap (**SC**)



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



House Side Shield (**HSS**)



Button Photocell (**PEC or PEC4**)

How to Order

Mounting Configuration	Overall Drop Length (In Inches) ⁽¹⁾	Luminaire	Shade Style	Housing	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
1W Wall Mount		GL1970 Large Gallery	S Straight Edge	BFR Base Fixture Round	16L 16 LEDs ⁽²⁾	27 2,700K	T2 Type 2	MDH010 347V-480V, 100mA	CA Clear Acrylic
1A 1 Arm Mount			F Flared Edge	BFS Base Fixture Stepped	24L 24 LEDs ⁽³⁾	30 3,000K	T3 Type 3	MDL010 120V-277V, 100mA	SA Sag Acrylic
2A 2 Arm Mount @ 180°			B Bell Edge	GRR Glow Rings Round	32L 32 LEDs ⁽²⁾	35 3,500K	T4 Type 4	MDH012 347V-480V, 120mA	SV1 Flat Soft Vue Light Diffused Acrylic
2A90 2 Arm Mount @ 90°			RR Round with Round Rim	GRS Glow Rings Stepped	40L 40 LEDs ⁽⁴⁾	40 4,000K	T5 Type 5	MDL012 120V-277V, 120mA	SV2 Flat Soft Vue Moderate Diffused Acrylic
3A 3 Arms @ 120°			RF Round with Flared Rim	SRR Solid Rings Round		50 5,000K		MDH014 347V-480V, 140mA	SV4 Flat Soft Vue Maximum Diffused Acrylic
3A90 3 Arms @ 90°			RS Round with Square Rim	SRS Solid Rings Stepped				MDL014 120V-277V, 140mA	SV1SA Soft Vue Light Diffused Sag Acrylic
4A 4 Arms @ 90°				GWR Glow Window Round				MDH016 347V-480V, 160mA	SV2SA Soft Vue Moderate Diffused Sag Acrylic
1AM 1 Arm Mid-Mount				GWS Glow Window Stepped				MDL016 120V-277V, 160mA	SV4SA Soft Vue Maximum Diffused Sag Acrylic
2AM 2 Arm Mid-Mount @180°				BSR Blank Top Solid Rings Round					
SH44 Stem Hung				BSS Blank Top Solid Rings Stepped					
CH44 Chain Hung									
CAT Catenary									

Notes:

- 1. Required field for Stem or Chain Mounting Configuration.
- 2. Only available with MDL012.

- 3. Only available with MDL010 and MDL014.
- 4. Only available with MDL012 and MDL016.

How to Order

Optional Control Receptacle ⁽⁵⁾	Optional Control	Optional Fuse	Optional Hangstraight	Optional House Side Shield ⁽⁸⁾	Finish
R7 7-Pin control receptacle only ⁽⁶⁾	PE Twist-Lock Photocontrol (120V-277V) ⁽⁷⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽⁷⁾ SC Shorting Cap ⁽⁷⁾ PEC Electronic Button Photocontrol (120V-277V) PEC4 Electronic Button Photocontrol (480V)	FHD Double Fuse and Holder	HSHS Standard Horizontal Hangstraight, Spike Finial HSHN Standard Horizontal Hangstraight, No Finial HSHB Standard Horizontal Hangstraight, Ball Finial EZ Vertical Hangstraight, Large, "EZ" Mount	HSS 120° House Side Shield BLOC Back Light Optical Control ⁽⁹⁾	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 BKT Black Textured CM Custom Match

Notes:

5. Consult factory for use with a wireless control node
 6. Only available with HSH_hangstraight.
 7. Requires control receptacle.

8. Not for use with T5 optic.
 9. Only available with T2, T3 and T4.