Lumecon
MIDTOWN POST-TOP SERIES

The Woodward

Shown with:
BHU Fitter
AM - Acrylic Bottom w/ Spun Aluminum Top

Requires nominal 3" diameter x 2 7/8" tall tenon

Shown with:
BHU Fitter
AM - Acrylic Bottom
w/ a Spun Aluminum Top

Shown with:
BHU Fitter
AC - Prismatic Injection Molded

L-RETRO-DG
LIGHT ENGINE

40kV EXTREME SURGE PROTECTION · MADE IN MICHIGAN · 10 YEAR WARRANTY · Buy American Act Compliant · BUILD AMERICA BUY AMERICA ACT · ETL LISTED Intertek · DLC LISTED PREMIUM

Email: sales@lumecon.com Website: www.lumecon.com Phone: 248-477-5009
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Note: Specifications and photometric data are subject to change at any time without notice.
Please see www.lumecon.com for current specifications and documentation.

Technical Specifications

GLOBE MATERIALS
Acrylic: Our two-piece acrylic lens post-top features precise prisms achievable only through injection molding. The prisms provide pleasing daytime "prismatic sparkle' and provide excellent uniformity, light distribution, and efficiency for nighttime performance. The globe carries a 20-year warranty which includes resistance to yellowing, as we define as having a yellowness index of less than 7.

Spun Aluminum Top (option): The luminaire features a precision-formed spun aluminum top constructed from high-grade aluminum alloy, providing superior structural integrity and long-term durability. The spinning process ensures uniform wall thickness and enhanced strength-to-weight performance compared to cast alternatives. The component is corrosion-resistant and suitable for harsh outdoor environments, including coastal and high-moisture applications. The smooth, seamless profile minimizes debris accumulation and promotes effective water runoff. The spun top is finished with a multi-stage pretreatment and electrostatically applied powder coat, meeting or exceeding ASTM B117 salt spray and AAMA 2604 standards for extended finish performance and color retention. The design maintains dimensional consistency and tight tolerances to ensure proper fitment and long-term aesthetic integrity in decorative and roadway lighting applications.

FITTER: Slip fits over 2 7/8" and 3" OD tenons on most decorative poles. Requires nominal 3" diameter x 2 7/8" tall tenon. Uses A356 aluminum comprises 92.05% Aluminum, 7% Silicon,0.35% Magnesium, 0.20% Iron, 0.20% Copper, 0.10% Manganese, and 0.10% Zinc. It is lightweight and highly corrosion-resistant, like stainless steel. Heat treated to improve strength—low impurities cause high strength and ductility.

FINISH: Cast aluminum fitter housing with textured or 60% gloss polyester powder coat finishes for maximum durability. The base aluminum material is prepared using an environmentally friendly non-chrome 2-step surface cleaning and passivation process. The process results in a more durable conversion layer than traditional chromate conversion coatings and allows maximum powder coating adhesion to the aluminum fitter.

POWERED BY THE LUMECON L-RETRO-DG LIGHT ENGINE

INPUT VOLTAGE: 120-277V or 347-480V

EFFECTIVE PROJECTED AREA (EPA): 0.65 ft²

L-RETRO-DG
Light Engine

LIGHT ENGINE: Each LED light engine consists of a circuit board of 80 Midpower LEDs. The LED board is mounted to a 0.125 aluminum disk and heat sink for maximum heat dissipation from the LEDs.

LUMECON ETD™ SYSTEM: The enhanced thermal dissipation system engines are thermally bonded to provide maximum thermal dissipation to the fixture's exterior to ensure long life. To protect the light engine panel from moisture and corrosion, the LED light engine panel is uniformly coated with a UV-stabilized acrylic polymer resin that meets MIL and ASTM dielectric standards, UL, and IPC standards for flammability, moisture resistance, and thermal shock.

COLOR TEMPERATURE: 2200K, 2700K, 3000K, 4000K, and 5000K.

LED LIFETIME: All LEDs are rated for a minimum of 100,000 hours of continuous operation at ambient temperatures from-40°F/-40°C to 115°F/46°C.

COLOR RENDERING INDEX (CRI): Minimum of 80 or higher.

DIMMING: 0-10V standard dimming capability.

SURGE PROTECTION: Thermally protected 20kA/ 40kV varistor type surge suppressor is included and meets ANSI C136.2- 2015: Extreme Level. It also meets IEC61643-11 Class II / EN61643-11 Type 2 and US Dept of Energy MSSLC Model Spec for surge protection. The device is wired in series with the luminaire input power to interrupt power to the luminaire when consumed, protecting the LED power supply and circuit boards from additional electrical surges.

MANUFACTURING ORIGIN: US Manufactured and Assembled.

BUY AMERICAN ACT: The product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations.

BABA COMPLIANT: Meets Build America, Buy America Act Included in the Infrastructure Investment and Jobs Act, Public Law Number 117-58, Title IX, Subtitle A, Part I – Buy America Sourcing Requirements, Sections 70911-70917 stating Manufactured in the U.S. The cost of components mined, produced, or manufactured in the U.S. is greater than 55 percent of the total cost of all manufactured product components.

CERTIFICATION: Built with ETL/UL-certified components.

DESIGNLIGHTS CONSORTIUM® (DLC) QUALIFIED PRODUCT: Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: www.designlights.org.

WARRANTY: 10 Year L70 performance-based warranty. For full warranty terms, please visit our website: www.lumecon.com.

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PERFORMANCE DATA

		2200K		2700K		3000K		4000K		5000K	
DISTRIBUTION	**WATTAGE**	**LUMENS**	**EFFICACY**	**LUMENS**	**EFFICACY**	**LUMENS**	**EFFICACY**	**LUMENS**	**EFFICACY**	**LUMENS**	**EFFICACY**
Type 5	35	3500	100	4480	128	4480	128	4585	131	4550	130
Type 5	45	4365	97	5580	124	5580	124	5895	131	5670	126
Type 5	55	5170	94	6655	121	6655	121	6765	123	6655	121

ORDERING INFORMATION

Lumecon Midtown Post-Top Series
Example Part Number: LM-WW-35-1-22-AC-BH2-BK-FN1-CL-32-00123-PC-7P

REQUIRED

MODEL	WATTAGE	VOLTAGE	CCT	GLOBE	FITTER[1]	FINISH
LM-WW	35 - 35 Watts	1 - 120v - 277v	22 - 2200K	AC - Prismatic Injection Molded - Clear Top & Bottom	X - None	BK - Black Gloss
	45 - 45 Watts	2 - 347v - 480v	27 - 2700K		BH0[2]	BT - Black Textured
	55 - 55 Watts		30 - 3000K	AM - Acrylic Bottom w/ Spun Aluminum Top	BH1	DB - Dark Bronze
			40 - 4000K		BH2	GN - Green
			50 - 5000K		BH8	**Premium Finishes**
					BH13[2]	WH - White Gloss
					BHU[2]	CF - Custom Finish

OPTIONAL

BAND AND LEGS	FINIAL	TOP GLOBE COLOR	HOUSE SIDE SHIELD	PHOTOCELL	CONTROLS READY	DISTRIBUTION
K100292	FN1[3]	CL - Clear	32-00123 - House Side Shield	PC - Button Eye	7P - 7 Pin Receptacle – N/A with Aluminum Top	32-00114 - Type IV
CAGES[1] For additional options, download Cages Guide here	FN2	B - Black		TL - Twist Lock for use with BHU Fitter Only		
	FN3[3]	BA - Black Spun Aluminum Top				
	FN4	CC - Custom Color				

Notes:
1. Cage and Fitter welded together requiring both to be selected
2. BH0, BH13, and BHU not compatible with Cages
3. FN1 and FN3 are Acrylic and only available in black

Fitters

BH0
10.25”

BH1
10”

BH2
6.75”

BH8
12”

BH13
13.4”

BHU
15.69”

For additional Information, download Fitter Guide here

For additional Information, download Utility Fitter here

Band and Legs Sample

K100292

Finials

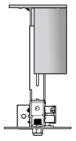
FN1
5”

FN2
4”

FN3
3”

FN4
3.5”

House Side Shield



32-00123 - House Side Shield

Distribution

32-00114 - Type IV

Controls Ready

7P - Seven-Pin Twist Lock Photocell Receptacle
32-00123 - House Side Shield

7P - Seven-Pin Twist Lock Photocell Receptacle
32-00114 - Type IV

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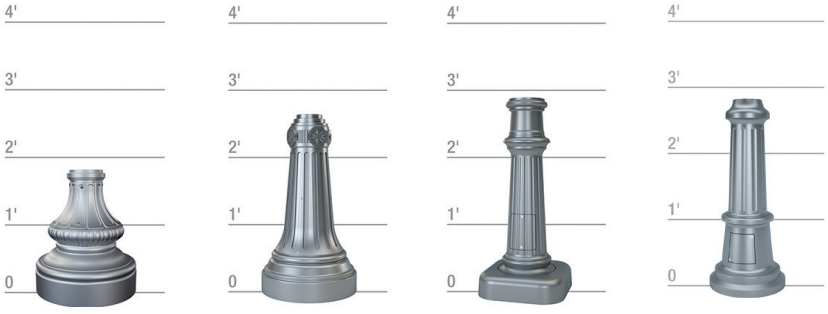
OPTIONAL BASE AND POLE ORDERING INFORMATION

DECORATIVE BASE OPTIONS	POLE OPTIONS	MOUNTING HEIGHTS			FINISH
H-Arlen-17	Round Straight Aluminum	08 - 8'	14 - 14'	20 - 20'	01 - Satin Aluminum (RTA and RSA)
H-York-17	Round Tapered Aluminum	10 - 10'	16 - 16'	25 - 25'	02 - Satin Aluminum (SSA)
H-Homewood	Round Fluted Aluminum	12 - 12'	18 - 18'	30 - 30'	BA - Black Powder Coat
H-Morgan					BH - White Powder Coat
For additional options, download Decorative Base Catalog here	For additional options, download Pole Guide here				BM - Dark Bronze Powder Coat
					BV - Dark Green Powder Coat
					GC - Gray Powder Coat
					.. - Specify Finish

NEED MORE CHOICES?
For additional Globe options, download Globe Catalog here

Decorative Bases Ordering Information

Over 58 Base options available. The most popular listed below. To view all options, download Base Guide here



H-Arlen 17
Base Diameter: 17"
4" - 5" - 6" Butt Diameter

H-York 17
Base Diameter: 17"
4" - 5" - 6" Butt Diameter

H-Homewood
Base Diameter: 11.125"
4" Butt Diameter

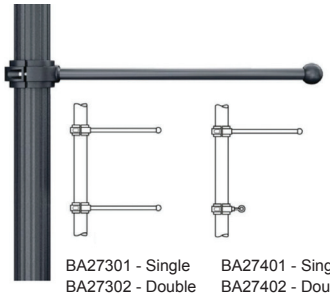
H-Morgan
Base Diameter: 13.5"
4" Butt Diameter

For detailed design, quote, and specific cut sheet information, contact Lumecon at Sales@Lumecon.com

Accessories Ordering Information

For additional information on Accessories and Options, download Pole Guide here

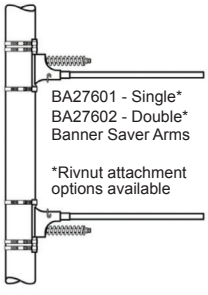
Cast Banner Arms



BA27301 - Single
BA27302 - Double
Cast Band Mount
Banner Arms

BA27401 - Single
BA27402 - Double
Cast Band Mount
Banner Arms
Standard Top, Eye
Hook Bottom

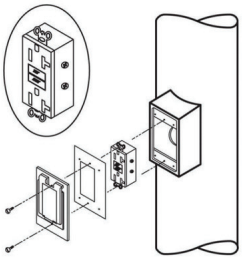
Banner Saver Arms



BA27601 - Single*
BA27602 - Double*
Banner Saver Arms

*Rivnut attachment options available

GFI Receptacle Outlet Box



Additional Accessories

- Flower Pot Holders
- FHWA Accepted Break Away Systems
- Additional Hand Holes
- Camera Mounts
- Decorative Arms
- Slip Fitter Tenons
- Vibratoin Dampeners
- Sign Brackets

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