The Thirty-Five West

Catalog Number:	
Project:	
Comments:	
Prepared By:	Date:

Description

At Lumecon, we strive to provide you with the best quality American Made plastic enclosures available on the market. The Thirty-Five West post-top fixture utilizes our patented thermal integrated trim ring for maximum heat dissipation and superior lumen uniformity to illuminate your next downtown, park, or commercial development project.

Performance Data

Model	Watts	Equiv	Delivered Lumens	Efficacy
Thirty-Five West L35W - 1 (Type V)	54W	100W HID	3,876 Lm	72 LPW
Thirty-Five West L35W - 2 (Type V)	84W	175W HID	5,953 Lm	72 LPW
Thirty-Five West L35W - 3 (Type V)	118W	250W HID	8,426 Lm	72 LPW

Technical Specifications

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

LIGHT DISTRIBUTION: LEDs are mounted to the inside of the fixture trim ring which serves as a heat sink to ensure optimal heat dissipation. This type of mounting allows for a Type 5 light distribution pattern.

GLOBE: 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.

A cutoff light lid and a diffuser panel option are available to help limit the amount of uplight emitted from the fixture. The cutoff light lid is a solid polished reflector that virtually eliminates light to the upper globe, while the diffuser panel is a frosted panel that allows for 30% uplight to provide a pleasing glow to the upper section of the fixture.

FITTER: Slip fits over 4" OD tenons or on most 4" decorative poles without tenons. 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 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.

EFFECTIVE PROJECTED AREA (EPA): 0.65 ft²

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

LED LIFETIME: All LED's 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. 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 in order to interrupt power to the luminaire when consumed, protecting the LED power supply and circuit boards from additional electrical surges.

LUMECON ETD™ SYSTEM: The enhanced thermal dissipation system engines are thermally bonded to provide maximum thermal dissipation to the exterior of the fixture 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.

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.

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

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.

Ordering Information

L35W Options / Ordering Example: L35W-1-1-NW-B-D

Wattage / Distribution	Voltage	Color Temperature	Paint Color
1 - 54W / Type V	1 - 120v-277v	22 - 2200K	B - Black
2 - 84W / Type V	2 - 347v-480v	WW - 2700K	CC - Custom Color
3 - 117W / Type V		OW - 3000K	**Will need RAL number*
		NW - 4000K	
		CW - 5000K	

Options & Accessories

R - Receptacle only [1,2]

RS - Receptacle only with Shorting Cap [1,2]

TL - Twist Lock Photocell [1,2]

7P - 7 Pin Receptacle

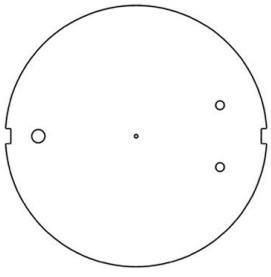
C - Cutoff Reflective Litelid

D - Diffuser Cutoff Litelid

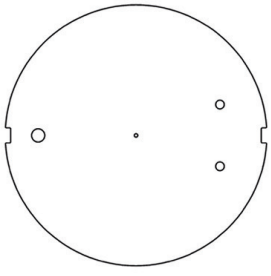
27-00235 - 3" Pole Adapter

Notes:
1.Comes with 3 Pin Receptacle
2.Comes with "C" Cutoff Reflective Lux Canopy

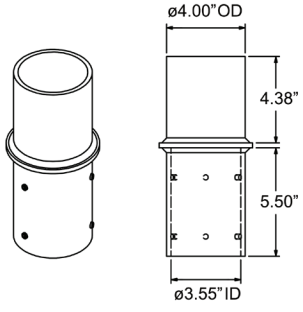
Options & Accessories Images



C - Cutoff Reflective Litelid:
A thin, MIRO(r) reflective-full cut off lite lid that is strong, ultra-lightweight and dark sky compliant.



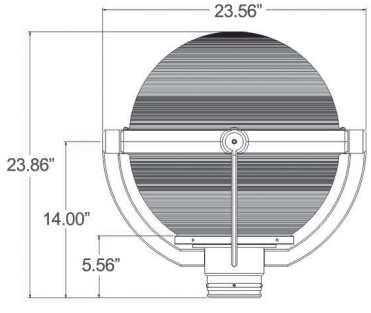
D - Diffuser Cutoff Litelid:
An acrylic/polycarbonate diffused lite lid that's tough and lightweight, with outstanding optical properties diffusing 80% of up light.



27-00235: 3" Pole Adapter

Dimensions & Weights

Model	Ring Diameter	Globe Height	Weight
L35W	23.56"	23.86"	35.35 lbs.



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.

Lumecon
MIDTOWN POST-TOP SERIES

OPTIONAL BASE AND POLE ORDERING INFORMATION

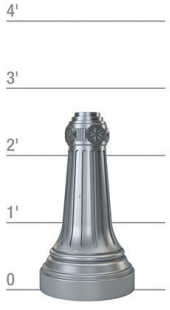
DECORATIVE BASE OPTIONS	POLE OPTIONS	MOUNTING HEIGHTS			FINISH
H-Arlen-17	Round Straight Aluminum	08 - 8'	14 - 14'	20 - 20'	01 - Satin Aluminum (RTA and RSA)
H-York-17	Round Tapered Aluminum	10 - 10'	16 - 16'	25 - 25'	02 - Satin Aluminum (SSA)
H-Homewood	Round Fluted Aluminum	12 - 12'	18 - 18'	30 - 30'	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

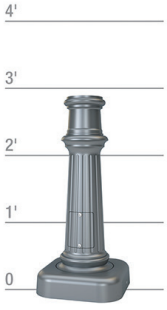
Decorative Bases Ordering Information

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

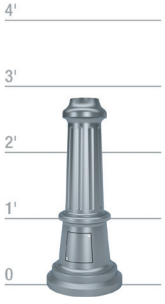
H-Arlen 17
Base Diameter: 17"
4" - 5" - 6" Butt Diameter



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



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



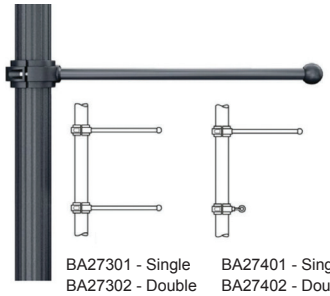
H-Morgan
Base Diameter: 13.5"
4" Butt Diameter

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

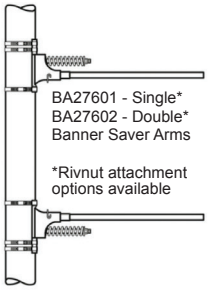
Cast Banner Arms



BA27301 - Single
BA27302 - Double
Cast Band Mount
Banner Arms

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

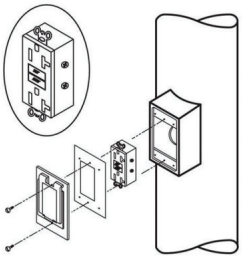
Banner Saver Arms



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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