



Catalog Number	
Notes	Project Name

### Technical Specifications

#### LUMECON ETD™ SYSTEM

- Ensure the light engines are thermally bonded to provide maximum thermal dissipation to the fixture's exterior to ensure long life.
- Protect the light engine panel from moisture and corrosion by uniformly coating light engine 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.

#### SURGE PROTECTION

- Thermally protected 20kA/ 40kV varistor type surge suppressor is included and meets ANSI C136.2- 2015: Extreme Level.
- Also meet IEC61643-11 Class II / EN61643-11 Type 2 and US Dept of Energy MSSLC Model Spec for surge protection.
- 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.

#### USA MADE

- 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.

#### LED LIFETIME

- 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

- Minimum of 80 or higher

#### EFFECTIVE PROJECTED AREA (EPA) AND WEIGHT

- 1.4ft² and 15.75lbs

#### CONTROLS AND DIMMING

- 0-10V standard dimming capability
- Long life photocontrol, Optional
- 7 pin receptacles internally in housing (7P) (7P - not for use with photocontrols & nodes must have photocontrol disabled)(Optional)
- Bluetooth, Radio Wave and Cellular Controls available. (Optional)

#### FITTER

- Slip fit over 2 7/8" and 3" OD tenons on most decorative poles
- Require nominal 3" diameter x 2 7/8" tall tenon
- Use Heavy Grade A356 aluminum comprises 92.05% Aluminum, 7% Silicon, 0.35% Magnesium, 0.20% Iron, 0.20% Copper, 0.10% Manganese, and 0.10% Zinc
- Lightweight and highly corrosion-resistant
- Heat treated to improve strength—low impurities cause high strength and ductility

#### FINISH

- Available in either textured or 60% gloss polyester powder coat finishes for maximum durability.
- Have the base aluminum material prepared using an environmentally friendly non-chrome 2-step surface cleaning and passivation process.
- Result in a more durable conversion layer than traditional chromate conversion coatings and allows maximum powder coating adhesion to the aluminum fitter.

#### CERTIFICATION

- CSA 22.2 No. 250 for Wet Locations
- Full compliance and test documentation is available for TM-21, LM-79, LM-80, CSA Listing to UL1598 and UL 8750
- Design Lights Consortium (DLC) Qualification. 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](http://www.designlights.org)

#### WARRANTY

- A 10 Year L70 performance-based warranty. For full warranty terms, please visit our website: [www.lumecon.com](http://www.lumecon.com)

#### INTRODUCING THE LUMECON MIDTOWN AMBASSADOR DECORATIVE POST-TOP FIXTURE – WHERE ELEGANCE MEETS INNOVATION

Elevate your outdoor lighting experience with the Lumecon Midtown Ambassador Decorative Post-Top Fixture. This remarkable luminaire seamlessly combines unmatched styling with cutting-edge technical superiority, making it a true standout in the decorative post-top market. At the heart of the Ambassador's brilliance lies the groundbreaking Patented Lumecon Ring Light Engine (Patent Number: 11300282 B1). This revolutionary technology transforms the way we perceive outdoor lighting, setting new standards for both aesthetics and performance.

#### POWDERED BY THE LUMECON RING TECHNOLOGY

The Lumecon Ring Light Engine is the driving force behind the Ambassador's exceptional illumination. Featuring LEDs strategically positioned within the ring at an optimal 20-degree "theater angle," this ingenious design maximizes thermal dissipation. As a result, the LEDs efficiently dissipate heat to the exterior of the globe, ensuring consistent, reliable performance over the long term.

#### PRISMATIC INJECTION MOLDED ACRYLIC GLOBE MATERIAL

The Ambassador boasts Prismatic Injection Molded Acrylics that are as beautiful as they are functional. During the day, these optical prisms create a mesmerizing "prismatic sparkle," adding a touch of elegance to any environment. When night falls, they shine as true stars, delivering unparalleled uniformity and light distribution. Efficiency is at the forefront, making the Ambassador an eco-conscious choice for all your lighting needs.

#### 20-YEAR GLOBE WARRANTY

We believe in the Ambassador's enduring quality so strongly that we back it with an exceptional 20-year warranty for the globe. Our commitment to excellence extends to resistance against yellowing, ensuring that the fixture maintains its pristine appearance. With a yellowness index of less than 7, you can trust that your Ambassador will continue to shine brilliantly for years to come.

#### KEY FEATURES

- **Unrivaled Styling:** Elevate your outdoor spaces with a luminaire that combines form and function seamlessly.
- **Patented Ring Light Engine:** Innovative technology designed for optimal thermal dissipation and luminous flow.
- **Prismatic Acrylics:** Add a touch of sparkle during the day and achieve impeccable nighttime performance.
- **20-Year Globe Warranty:** Enjoy peace of mind knowing your investment is protected against yellowing.

Illuminate your world with the Lumecon Midtown Ambassador Decorative Post-Top Fixture. Experience the perfect fusion of style and technical excellence. Elevate your outdoor spaces today.

### Night Sky Options

**COLOR TEMPERATURE** - The Ambassador offer 3000K and 4000K LEDs as standard along with lower Kelvin Temperatures upon request. We recommend 3000K color temperature or lower for because it falls within the "warm white" spectrum, providing a soft and less intrusive illumination. This warmer color temperature helps preserve the natural darkness of the night sky and minimizes light pollution, making it easier to observe celestial objects and maintain the integrity of dark sky environments.

**LUX CANOPY OPTIC (OPTIONAL)** - The newly designed Lumecon Lux Canopy™ Limits the amount of uplight produced. Limiting uplight is essential to minimize light pollution, preserving the beauty of our night skies, reducing energy waste, and creating a healthier environment for both humans and wildlife.



**PERFORMANCE DATA**

DISTRIBUTION	WATTAGE	3000K		4000K	
		LUMENS	EFFICACY	LUMENS	EFFICACY
Type III	30	3,887	127	4,140	136
Type III	45	5,803	121	6,148	129
Type III	75	8,952	115	9,495	122
Type III	90	10,426	111	11,065	119
Type V	26	3,499	136	3,647	142
Type V	42	5,928	131	6,170	136
Type V	68	9,226	128	9,636	133
Type V	95	12,279	122	12,763	126

**ORDERING INFORMATION**

Lumecon Midtown Post-Top Series  
Example Part Number: LM-AMB-FL-2-1-30-B-8-C

**REQUIRED**

MODEL	DECORATIVE RING	WATTAGE	VOLTAGE	CCT	TRIM COLOR	GLOBE NECK	GLOBE TOP COLOR
LM-AMB	FL - Contemporary Finless	1 - 30W / Type III	1 - 120-277V	30 - 3000K	B - Black	8 - 8" Neck	C - Clear
	F - Classic Finned	2 - 45W / Type III	2 - 347-480V	40 - 4000K	CC - Custom Color	9 - 9" Neck	B - Black*
		3 - 75W / Type III					CC - Custom Color**
		4 - 90W / Type III					*Includes Lux Canopy
		5 - 26W / Type V					** RAL number required
		6 - 42W / Type V					
		7 - 68W / Type V					
		8 - 95W / Type V					

**OPTIONAL**

DECORATIVE STRUTS <sup>1</sup>	FITTER	CAGE <sup>1</sup>	FINIAL	PHOTOCELL <sup>2</sup>	CONTROLS READY	SHIELD	LUX CANOPY
DS - Decorative Struts	X - None	CG21	FN1	PC - Button Eye Style	7P - 7 Pin Receptacle	H - House Shield	C - Cutoff*
	BH0 - 10.25"	CG22MI	FN2	TL - Twist Lock for use with B12 Fitter Only	SH - Shorting Cap		*Included on custom color top globe color orders
	BH1 - 10"	CG23MI	FN3				
	BH2 - 6.75"	CG28	FN4				
	BH3 - 8"						
	BH4 - 6.75"						
	BH5 - 11.25"						
	BH8 - 12"						
	BH9 - 11.5"						
	BH12 <sup>1</sup> - 12"						
	BH13 - 13.4"						
	BH14 - 14.25"						

1. BH12 is equipped with an access door, a viewing window, a 7-pin twist lock receptacle, and a shorting cap.  
2. Requires fitter

**Fitters**



- Notes:
1. Cage and Fitter are welded together both must be selected
  2. BH13 and BH14 not compatible with Cages
  3. Decorative Struts Require Fitter, BH13 not compatible
  4. Use BH0 or BH14 for 9" neck Globes

**Cage Options**



**Decorative Struts**



**Finials**



- Notes:
1. FN1 and FN4 are acrylic and only available in Black

**Lux Canopy**



**Lux Canopy - Cutoff**  
A thin, MIRO(r) reflective-solid lid is strong, ultra-lightweight helping reduce stray upward lumens

**Dimensions**

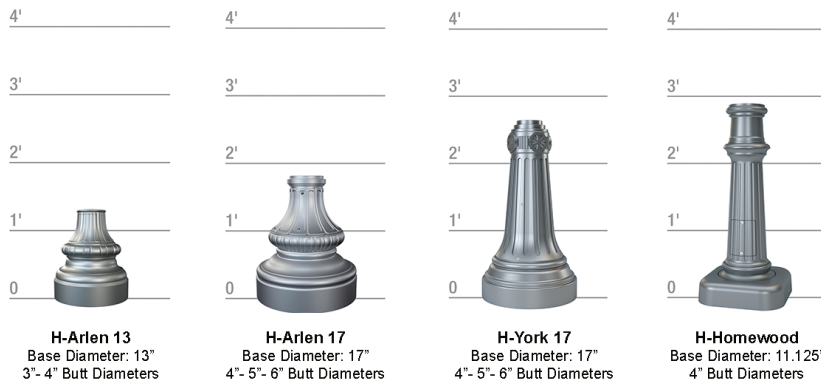


## OPTIONAL BASE AND POLE ORDERING INFORMATION

POLE OPTIONS	DECORATIVE BASE OPTIONS
X - None	X - None
H-RSA - Round Straight Aluminum	Arlen-13
H-RTA - Round Tapered Aluminum	Arlen-17
H-RFA - Round Fluted Aluminum	York-17
	Homewood
For additional Options click here: <a href="#">Pole Options</a>	For additional Options click here: <a href="#">Decorative Base Options</a>

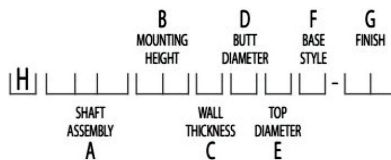
### Decorative Bases Ordering Information

Over 58 Base options available. The most popular listed below. [To view all options, download Base guide here.](#)



### Pole Ordering Information

**Pole Ordering Example: H-RTA30D8B4-01**  
*Rounded Tapered Aluminum, 30' Mounting Height, .188" Wall Thickness, 8" Butt Diameter, 4.5" Top Diameter, 4-Bolt Base, Satin Aluminum Finish*



#### A General Assembly

H-RSA - Round Straight Aluminum  
H-RTA - Round Tapered Aluminum  
H-RFA - Round Fluted Aluminum

#### B Mounting Heights

08 - 8"    14 - 14"    20 - 20"  
10 - 10"    16 - 16"    25 - 25"  
12 - 12"    18 - 18"    30 - 30"

#### C Wall Thickness

B - 0.125"    F - 0.250"  
C - 0.156"    G - 0.312"  
D - 0.188"    H - 0.375"  
E - 0.219"

#### D Butt Diameter

1 - 10"    5 - 5"    7 - 7"  
2 - 12"    6 - 6"    8 - 8"  
4 - 4"    J - 6.625    9 - 9"

#### E Top Diameter

A - 3"  
B - 4.5"  
C - 6"

#### F Base Style

3 - 3-Bolt Anchor Base  
4 - 4-Bolt Anchor Base  
V - Bee Hive Base  
H - Hinged Anchor Base  
E - Direct Buried (Embed)  
F - Breakaway Transformer Base

#### G Finish

01 - Satin Aluminum (RTA and RSA)  
02 - Satin Aluminum (SSA)  
BA - Black Powder Coat  
BH - White Powder Coat  
BM - Dark Bronze Powder Coat  
BV - Dark Green Powder Coat  
GC - Gray Powder Coat  
.. - Specify Finish

For additional Options, download [Pole Guide Here](#)