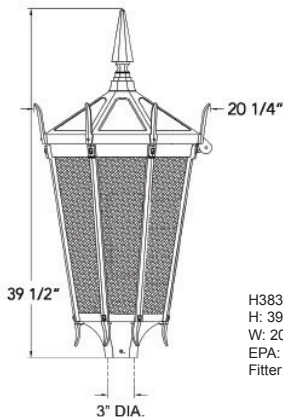
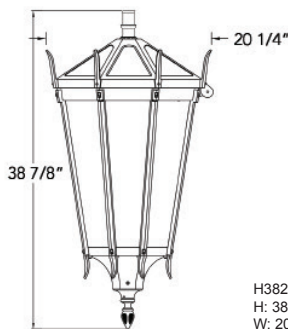




Shown with:
H3837BP Style
Black Finish
CA - Clear Acrylic Lens



H3837BP Style
H: 39 1/2"
W: 20 1/4"
EPA: 2.65
Fitter: 3" Diameter



H3820BP Style
H: 38 7/8"
W: 20 1/4"

Technical Specifications

HOUSING: Slip fits over 2 7/8" and 3" OD tenons on most decorative poles. Cast aluminum housing 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): 2.65 ft²

CUSTOM OPTICS: Lumecon meticulously engineered premium acrylic optical lenses to maximize the distribution and uniformity of light while minimizing cost. Our arrays distribute light at least 21% further and with 29% more uniformity than leading competitors. Lumecon custom lenses create a uniform, well-lit environment that mitigates illlumiance "hot spots" and uses less wattage than typical LED area lights.



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. CRI 90+ is available upon request. CRI 90+ is not available in 2200K.

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.

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.

CERTIFICATION: Manufactured with ETL-compliant components.

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



L-RETRO-DG
LIGHT ENGINE

PERFORMANCE DATA

Model	Distribution Type	Watts	2200K				2700K				3000K				4000K				5000K								
			Lumens	B	U	G	Efficacy	Lumens	B	U	G	Efficacy	Lumens	B	U	G	Efficacy	Lumens	B	U	G	Efficacy					
LM-MAJ-30	Type 2	30	2642	3	3	2	88	3146	3	3	2	105	3210	3	3	2	107	3210	3	3	2	107	3180	3	3	2	106
	Type 3	30	2618	3	3	2	87	3116	3	3	2	104	3180	3	3	2	106	3180	3	3	2	106	3150	3	3	2	105
	Type 4	30	2692	3	3	2	90	3205	3	3	2	107	3270	3	3	2	109	3270	3	3	2	109	3240	3	3	2	108
	Type 5	30	2618	3	3	2	87	3116	3	3	2	104	3180	3	3	2	106	3180	3	3	2	106	3150	3	3	2	105
	Type 2	45	3964	3	3	2	88	4719	3	3	2	105	4815	3	3	2	107	4815	3	3	2	107	4770	3	3	2	106
LM-MAJ-45	Type 3	45	3927	3	3	2	87	4675	3	3	2	104	4770	3	3	2	106	4770	3	3	2	106	4725	3	3	2	105
	Type 4	45	4038	3	3	2	90	4807	3	3	2	107	4905	3	3	2	109	4905	3	3	2	109	4860	3	3	2	108
	Type 5	45	3927	3	3	2	87	4675	3	3	2	104	4770	3	3	2	106	4770	3	3	2	106	4725	3	3	2	105
	Type 2	60	5285	3	3	2	88	6292	3	3	2	105	6420	3	3	2	107	6420	3	3	2	107	6360	3	3	2	106
	Type 3	60	5236	3	3	2	87	6233	3	3	2	104	6360	3	3	2	106	6360	3	3	2	106	6300	3	3	2	105
LM-MAJ-60	Type 4	60	5384	3	3	2	90	6409	3	3	2	107	6540	3	3	2	109	6540	3	3	2	109	6480	3	3	2	108
	Type 5	60	5236	3	3	2	87	6233	3	3	2	104	6360	3	3	2	106	6360	3	3	2	106	6300	3	3	2	105
	Type 2	80	7047	3	3	2	88	8389	3	3	2	105	8560	3	3	2	107	8560	3	3	2	107	8480	3	3	2	106
	Type 3	80	6981	3	3	2	87	8310	3	3	2	104	8480	3	3	2	106	8480	3	3	2	106	8400	3	3	2	105
	Type 4	80	7178	3	3	2	90	8546	3	3	2	107	8720	3	3	2	109	8720	3	3	2	109	8640	3	3	2	108
LM-MAJ-80	Type 5	80	6981	3	3	2	87	8310	3	3	2	104	8480	3	3	2	106	8480	3	3	2	106	8400	3	3	2	105
	Type 2	95	8368	3	3	2	88	9962	3	3	2	105	10165	3	3	2	107	10165	3	3	2	107	10070	3	3	2	106
	Type 3	95	8290	3	3	2	87	9869	3	3	2	104	10070	3	3	2	106	10070	3	3	2	106	9975	3	3	2	105
	Type 4	95	8524	3	3	2	90	10148	3	3	2	107	10355	3	3	2	109	10355	3	3	2	109	10260	3	3	2	108
	Type 5	95	8290	3	3	2	87	9869	3	3	2	104	10070	3	3	2	106	10070	3	3	2	106	9975	3	3	2	105
LM-MAJ-95	Type 2	110	9689	3	3	2	88	11535	3	3	2	105	11770	3	3	2	107	11770	3	3	2	107	11660	3	3	2	106
	Type 3	110	9599	3	3	2	87	11427	3	3	2	104	11660	3	3	2	106	11660	3	3	2	106	11550	3	3	2	105
	Type 4	110	9870	3	3	2	90	11750	3	3	2	107	11990	3	3	2	109	11990	3	3	2	109	11880	3	3	2	108
	Type 5	110	9599	3	3	2	87	11427	3	3	2	104	11660	3	3	2	106	11660	3	3	2	106	11550	3	3	2	105
	Type 2	125	11010	3	3	2	88	13108	3	3	2	105	13375	3	3	2	107	13375	3	3	2	107	13250	3	3	2	106
LM-MAJ-110	Type 3	125	10907	3	3	2	87	12985	3	3	2	104	13250	3	3	2	106	13250	3	3	2	106	13125	3	3	2	105
	Type 4	125	11216	3	3	2	90	13353	3	3	2	107	13625	3	3	2	109	13625	3	3	2	109	13500	3	3	2	108
	Type 5	125	10907	3	3	2	87	12985	3	3	2	104	13250	3	3	2	106	13250	3	3	2	106	13125	3	3	2	105
	Type 2	125	10907	3	3	2	87	12985	3	3	2	104	13250	3	3	2	106	13250	3	3	2	106	13125	3	3	2	105
	Type 3	125	10907	3	3	2	87	12985	3	3	2	104	13250	3	3	2	106	13250	3	3	2	106	13125	3	3	2	105

ORDERING INFORMATION

Lumecon Midtown Post-Top Series

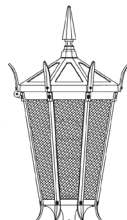
Example Part Number: LM-MAJ-H3837BP-45-1-40-T4-CA-BLK-PC-BL

REQUIRED								OPTIONAL		
MODEL	STYLE	WATTAGE	VOLTAGE	CCT	DISTRIBUTION	LENS	FINISH	PHOTOCELL	HOUSE SIDE SHIELD	DIMMING CONTROLS
LM-MAJ	H3733BP	35 - 35 Watts	1 - 120v - 277v	22 - 2200K	T2 - Type II	CA - Clear Acrylic	See Samples on next page	PC - Button Eye	32-00123 - House Side Shield	FAWS - Field Adjustable Wattage Selector
	H3737BP	45 - 45 Watts	2 - 347v - 480v	27 - 2700K	T3 - Type III	CP - Clear Polycarbonate				
	H3833BP	60 - 60 Watts		30 - 3000K	T4 - Type IV	OA - Opal Acrylic				
	H3837BP	80 - 80 Watts		40 - 4000K	T5 - Type V	OP - Opal Polycarbonate				
	H3820BP	95 - 95 Watts		50 - 5000K		PP - Prismatic Polycarbonate				
		110 - 110 Watts				SA - Stippled Acrylic				
		125 - 125 Watts								

Product Style Samples



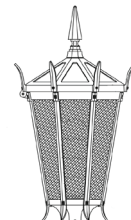
H3733BP
H: 29 1/2"
W: 13 1/2"
EPA: 1.40
Fitter: 3" Dia.



H3737BP
H: 29 1/2"
W: 16 1/4"
EPA: 1.45
Fitter: 3" Dia.



H3833BP
H: 39 1/2"
W: 18"
EPA: 2.60
Fitter: 3" Dia.



H3837BP
H: 39 1/2"
W: 20 1/4"
EPA: 2.65
Fitter: 3" Dia.

To view specific details, [download here](#)

To view specific details, [download here](#)

To view specific details, [download here](#)

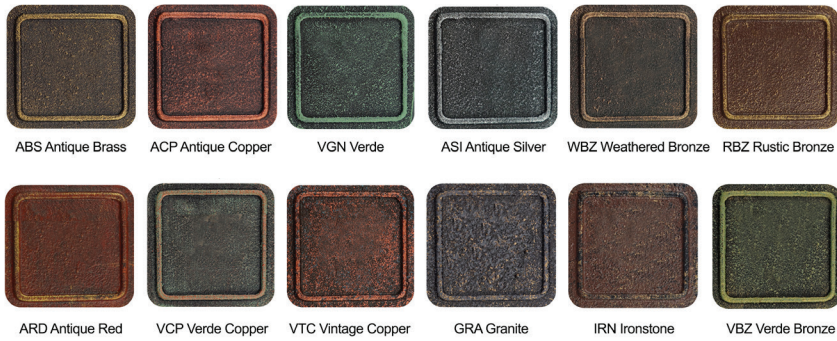
To view specific details, [download here](#)

Available Finishes

Standard



Premium

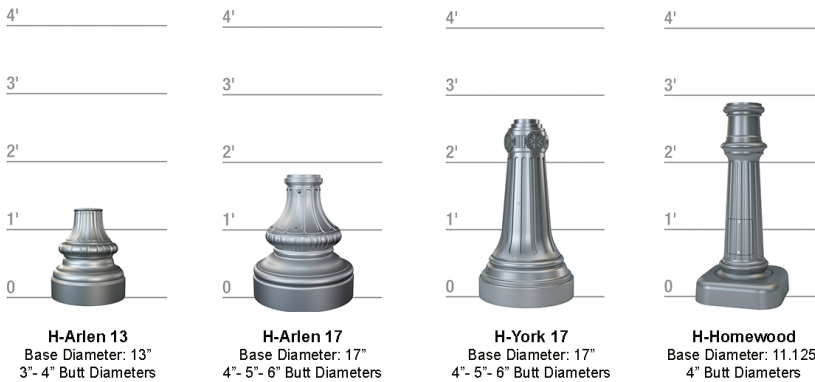


OPTIONAL BASE AND POLE ORDERING INFORMATION

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: Pole Options	For additional Options click here: Decorative Base Options

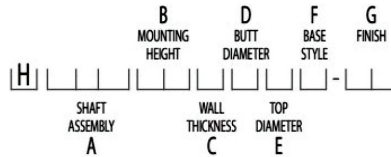
Decorative Bases Ordering Information

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](#)