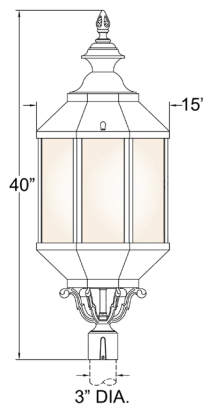




Shown with:
H14430BP Style
Shadow Rust Finish
CA - Clear Acrylic Lens



H14430BP Style
H: 40"
W: 15"
EPA: 2.28
Fitter: 3" Diameter

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-D LIGHT ENGINE

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

EFFECTIVE PROJECTED AREA (EPA): 2.28 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 illuminance "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.

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.

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



L-RETRO-DG
LIGHT ENGINE

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.

Sheet/LM-MON_02222024

PERFORMANCE DATA

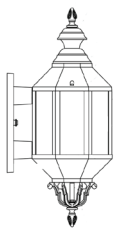
Model	Distribution Type	Watts	2200K		2700K		3000K		4000K		5000K	
			Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
LM-MON	Type 4	35W	3,446	98	4,270	122	4,305	123	4,795	137	2,747	137
	Type 5	35W	3,452	99	4,270	122	4,305	123	4,830	138	2,752	138
LM-MON	Type 4	45W	4,623	103	5,715	127	5,760	128	6,390	142	5,696	142
	Type 5	45W	4,624	103	5,715	127	5,760	128	6,390	142	5,697	142
LM-MON	Type 4	55W	5,561	101	6,875	125	6,930	126	7,700	140	8,424	140
	Type 5	55W	5,562	101	6,875	125	6,930	126	7,700	140	8,426	140

ORDERING INFORMATION

Lumecon Midtown Post-Top Series

Example Part Number: LM-MON-H14430BP-45-1-40-T4-CA-BLK-PC-32-00123

REQUIRED								OPTIONAL		
MODEL	STYLE	WATTAGE	VOLTAGE	CCT	DISTRIBUTION	LENS	FINISH	PHOTOCELL	HOUSE SIDE SHIELD	DIMMING CONTROLS
LM-MON	H14209IB	35 - 35 Watts	1 - 120v - 277v	22 - 2200K	T4 - Type IV	CA - Clear Acrylic	See Samples on next page	PC - Button Eye	32-00123 - House Side Shield	FAWS - Field Adjustable Wattage Selector
	H14230BP	45 - 45 Watts	2 - 347v - 480v	27 - 2700K	T5 - Type V	CP - Clear Polycarbonate				
	H14409IB	55 - 55 Watts		30 - 3000K		OA - Opal Acrylic				
	H14430BP			40 - 4000K		OP - Opal Polycarbonate				
				50 - 5000K		PP - Prismatic Polycarbonate				

Product Style Samples


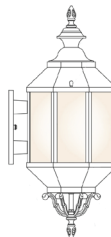
H14209IB
H: 27"
W: 10"
Proj: 12 3/4"
T/O: 14 1/2"

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



H14230BP
H: 28 1/4"
W: 10"
EPA: 1.15"
Fitter: 3" Dia.

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



H14409IB
H: 39 1/2"
W: 15"
Proj: 18"
T/O: 20 1/2"

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



H14430BP
H: 40"
W: 15"
EPA: 2.28
Fitter: 3" Dia.

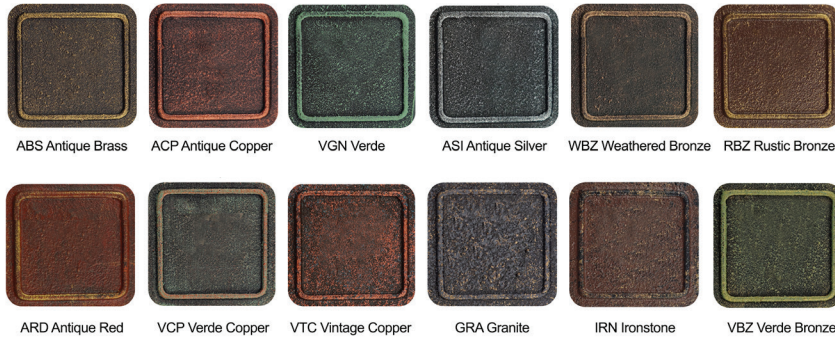
To view specific details,
[download here](#)

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

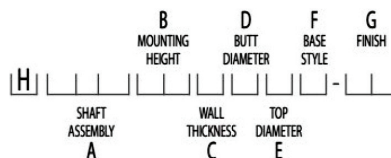
Over 58 Base options available. The most popular listed below. [To view all options, download Base guide here.](#)



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](#)