



LUMECON MIDTOWN POST-TOP SERIES

Shown with: BH5 Fitter CA - Clear Acrylic Globe

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



FITTER	вно	ВН1	BH2	вн3	BH4	BH5	вн8	вн9	B11	B12	B13
HEIGHT	10.25"	10"	6.75"	8"	6.75"	11.25"	12"	11.5"	13.5"	12"	13.4"

FINIAL	FN1	FN2	FN3	FN4
HEIGHT	5"	4"	3"	3.5"

Technical Specifications

GLOBE MATERIALS

Acrylic - Impact modified and UV resistant with continuous operating temperature up to 80°C. Maximum transmittance of 92% (clear). Acrylic streetlamps are available in clear or white. LD Acrylic - Impact modified and UV resistant with continuous operating temperature up to 80°C and transmittance of 90% to 94% (application dependent).

Polycarbonate - UV stabilized with a continuous operating temperature of 100°C to 125°C, high impact resistance down to -40the °C, and transmittance of 88% (application dependent). Polycarbonate streetlamps are available in clear.

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

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. 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.

21"

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.

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

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.

















PERFORMANCE DATA

		2200K		2700K		3000K		4000K		5000K	
DISTRIBUTION	WATTAGE	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-GRL-35-1-CA-BH2-BK-CG11-SR2-FN1-32-00123-PC-7P

REQUIRED

MODEL	WATTAGE	VOLTAGE	сст	GLOBE	FITTER1	FINISH
LM-GRL	35 - 35 Watts	1 - 120v - 277v	22 - 2200K	CA - Clear Acrylic	X - None	BK - Black Gloss
	45 - 45 Watts	2 - 347v - 480v	27 - 2700K	WA - White Acrylic	BH0 - 10.25"	BT - Black Textured
	55 - 55 Watts		30 - 3000K	CP - Clear Polycarbonate	BH1 - 10"	DB - Dark Bronze
			40 - 4000K		BH2 - 6.75"	GN - Green
	50 - 5000k		50 - 5000K	LD - LD Visual Comfort	BH3 - 8"	Premium Finishes
					BH4 - 6.75"	WH - White Gloss
					BH5 - 11.25"	CF - Custom Finish
					BH8 - 12"	
					BH9 - 11.5"	
					BH11 - 13.5"	
					BH12 - 12"	
					BH13 - 13.4"	

OPTIONAL

CAGE ¹	SOLID ROOF	FINIAL	HOUSE SIDE SHIELD	PHOTOCELL	CONTROLS READY	DISTRIBUTION
CG11	SR2	FN1²	32-00123 - House Side	PC - Button Eye	7P - 7 Pin Receptacle	32-00114 - Type IV
CG12M1		FN2	Shield	Lye	Receptacie	Type IV
CG13M1		FN3				
CG18		FN4 ²				
CG21						
CG22M1						
CG23M1						
CG28						

- 1. Cage and Fitter welded together requiring both to be selected
- 2. FN1 and FN4 are Acrylic and only available in black

Fitters Cage Sample Solid Roof









CG28 Shown

SR2 Shown

Finials House Side Shield Distribution Controls Ready

ВН9

BH11



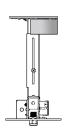








32-00123 -House Side Shield



32-00114 - Type IV



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



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



SAMPLE CONFIGURATIONS







BH5/CA/FN1



BH5/CA/SR2



BH5/CA/SR2/FN2



BH5/CA/CG11



BH5/CA/CG12M1



BH5/CA/CG13M1



BH5/CA/CG28



BH5/CA/CG11/SR2



BH5/CA/CG12M1/SR2



BH5/CA/CG13M1/SR2



BH5/CA/CG28/SR2



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: <u>Decorative Base Options</u>

Decorative Bases Ordering Information

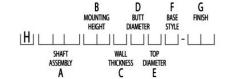
Over 58 Base options available. The most popular listed below. To view all options, download Base guide here.



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



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"

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" 2 - 12" 6 - 6" 8 - 8" 4 - 4" J - 6.625 9 - 9"

Top Diameter

A - 3' B - 45 C - 6"

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

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

For additional Options, download Pole Guide Here