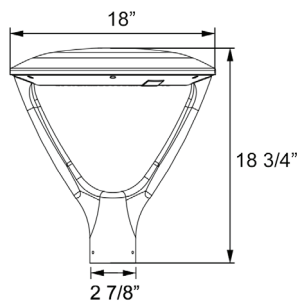




DESCRIPTION

The LM-SEL post-top fixture is designed for both form and function. The aesthetically pleasing design allows for superior area lighting as well as meeting Dark Skies full cutoff requirements. Available in multiple wattage and distribution versions, this fixture is able to replace existing 100W-400W HID's one-for-one. Each model delivers superior lumen output to illuminate your next downtown, campus, multi-family lighting project.



| Model | Width | Height | Depth | Weight |
|--------|-------|---------|-------|---------|
| LM-SEL | 18" | 18 3/4" | 18" | 29 lbs. |

TECHNICAL SPECIFICATIONS

LIGHT DISTRIBUTION: LEDs are mounted to the housing with an Integral Heat Sink to ensure optimal heat dissipation. This type of mounting allows for Type 5, Type 4, Type 3 and Type 2 light distribution patterns while maintaining a full cutoff rating.

HOUSING: Die cast and Sand Cast Aluminum Housing with powder coat finish over a chromate conversion coating. Housing features an integrated heat sink and driver compartment built into the fixture design. Optional photocell and/or wireless control accessory available.

LENS: Clear Polycarbonate Vandal-Resistant Array with Integral Optics. Gasketed to seal LED array.

MOUNTING: Two Mounting methods are available; a single strut or a dual strut. Both fit over a 2 7/8" x 3" tenon.

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

EFFECTIVE PROJECTED AREA (EPA): 1.00ft²

COLOR TEMPERATURE: 3000K, 4000K, 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 95°F/35°C.

COLOR RENDERING INDEX (CRI): Minimum of 70 or higher. CRI 80+ or 90+ available upon request.

DIMMING: 0-10V standard dimming capability drivers with optional Microwave Occupancy Sensor, Twist-Lock Photo-Cell or 7-Pin Receptacle for wireless controls available.

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.

BATTERY BACK-UP (OPTIONAL): When triggered into emergency mode, the BBU operates the LEDs for a code-compliant 90 minutes. When AC power is restored, the driver automatically returns to charging mode. The BBU is a UL recognized component and meets all applicable safety standards.

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



PERFORMANCE DATA

| Optic | Color Temp | 40W | 75W | 115W | 160W |
|----------------------|------------|----------|----------|----------|----------|
| LM-SEL-1 Type I | 3000K | 4,891 | 7,979 | 12,276 | 17,187 |
| | 4000K | 5,100 | 8,302 | 12,774 | 17,883 |
| | 5000K | 5,288 | 8,626 | 13,272 | 18,580 |
| | BUG | B2-U0-G1 | B3-U0-G2 | B3-U0-G3 | B4-U0-G3 |
| LM-SEL-1 Type II | 3000K | 4,912 | 8,629 | 13,275 | 18,585 |
| | 4000K | 5,111 | 8,979 | 13,814 | 19,339 |
| | 5000K | 5,310 | 9,328 | 14,352 | 20,092 |
| | BUG | B1-U0-G1 | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 |
| LM-SEL-1 Type III | 3000K | 4,932 | 8,663 | 13,329 | 18,660 |
| | 4000K | 5,132 | 9,015 | 13,869 | 19,417 |
| | 5000K | 5,331 | 9,366 | 14,352 | 20,173 |
| | BUG | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 |
| LM-SEL-1 Type IV | 3000K | 4,500 | 7,905 | 12,126 | 17,026 |
| | 4000K | 4,682 | 8,226 | 12,656 | 17,717 |
| | 5000K | 4,865 | 8,546 | 13,148 | 18,407 |
| | BUG | B1-U0-G2 | B2-U0-G3 | B2-U0-G3 | B3-U0-G4 |
| LM-SEL-1 Type V | 3000K | 4,935 | 8,669 | 13,337 | 18,672 |
| | 4000K | 5,135 | 9,021 | 13,878 | 19,430 |
| | 5000K | 5,334 | 9,372 | 14,419 | 20,186 |
| | BUG | B3-U0-G1 | B3-U0-G2 | B4-U0-G2 | B4-U0-G2 |

| Optic | Color Temp | 40W | 75W | 115W | 160W |
|----------------------|------------|----------|----------|----------|----------|
| LM-SEL-2 Type I | 3000K | 4,520 | 7,375 | 11,345 | 15,882 |
| | 4000K | 4,704 | 7,673 | 11,804 | 16,526 |
| | 5000K | 4,887 | 7,972 | 12,264 | 17,170 |
| | BUG | B2-U0-G1 | B3-U0-G2 | B3-U0-G3 | B4-U0-G3 |
| LM-SEL-2 Type II | 3000K | 4,539 | 7,974 | 12,268 | 17,174 |
| | 4000K | 4,723 | 8,298 | 12,766 | 17,871 |
| | 5000K | 4,907 | 8,620 | 13,262 | 18,567 |
| | BUG | B1-U0-G1 | B2-U0-G1 | B2-U0-G2 | B3-U0-G3 |
| LM-SEL-2 Type III | 3000K | 4,557 | 8,006 | 12,317 | 17,243 |
| | 4000K | 4,742 | 8,331 | 12,817 | 17,943 |
| | 5000K | 4,927 | 8,655 | 13,315 | 18,641 |
| | BUG | B2-U0-G2 | B2-U0-G2 | B3-U0-G3 | B3-U0-G3 |
| LM-SEL-2 Type IV | 3000K | 4,340 | 7,624 | 11,418 | 15,753 |
| | 4000K | 4,516 | 7,933 | 11,881 | 16,392 |
| | 5000K | 4,692 | 8,242 | 12,343 | 17,030 |
| | BUG | B1-U0-G2 | B2-U0-G3 | B2-U0-G3 | B3-U0-G4 |
| LM-SEL-2 Type V | 3000K | 4,560 | 8,011 | 12,325 | 17,255 |
| | 4000K | 4,745 | 8,336 | 12,826 | 17,955 |
| | 5000K | 4,930 | 8,661 | 13,324 | 18,653 |
| | BUG | B3-U0-G1 | B3-U0-G2 | B4-U0-G2 | B4-U0-G2 |

ORDERING INFORMATION

Lumecon Midtown Post-Top Series

Example Part Number: LM-SEL-1-40-T2-1-NW-C-BK

REQUIRED

| MODEL | WATTAGE | DISTRIBUTION | VOLTAGE | CCT | LENS | COLOR |
|----------------------|-----------------|---------------|---------------|------------|--------------------|--------------------------------|
| LM-SEL1 -Single Arm | 40 - 40 Watts | T2 - Type II | 1 - 120v-277v | OW - 3000K | C - Clear w/optics | BK - Black Gloss |
| LM-SEL2 - Double Arm | 75 - 75 Watts | T3 - Type III | 2 - 347v-480v | NW - 4000K | | CC - Custom Color |
| | 115 - 115 Watts | T4 - Type IV | | CW - 5000K | | <i>Must specify RAL number</i> |
| | 160 - 160 Watts | T5 - Type V | | | | |

OPTIONAL

MS - Microwave Occupancy Sensor with Dimming for Mounting Heights of 8' to 40'; (120-277v Only)

R - Twist Lock Photocell Receptacle Only

RS - Twist Lock Photocell with Shorting Cap

7P - Seven-Pin Twist Lock Photocell Receptacle Only (Controls by Others)

BB - Battery Back Up (Cold Rated)

TA - Tenon Adapter (Converts a 2 1/4" x 4" Pole Tenon to a 2 1/2" x 3" Tenon. Die-Cast with Powder coat finish)

TAB - Tenon Adapter (Black) Standard

TAC - Tenon Adapter (Custom Color) Special Order



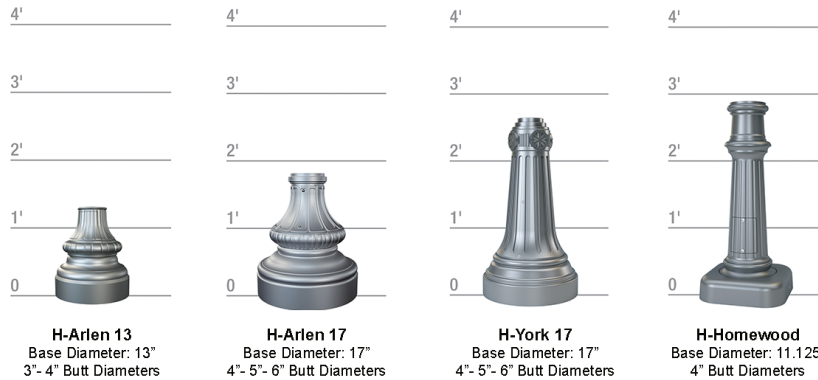
TA - Tenon Adapter

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 |

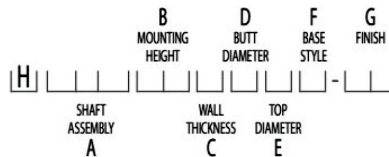
Decorative Bases Ordering Information

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](#)