



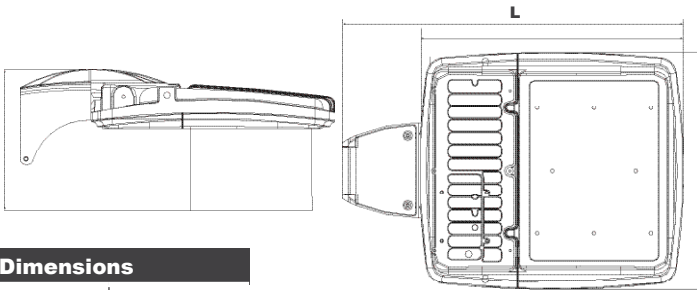
AMBER STREET & AREA

L70
25°C

320,000 Hours



Shown with "EA" Eagle Arm and "BF" Baffle.



Dimensions

| | |
|-------------------|--------------|
| Width (D) | 13½" (340mm) |
| Length (B) | 15" (381mm) |
| Height (A) | 8½" (219mm) |

Length with Mount (L)

Eagle Arm (EA): 19¼" (491mm)
Mounting Arm Adaptor (MA): 19¾" (486mm)
Easy-Hang Wall Bracket (KHEH): 16" (406mm)

Pemco's AmberLED EG25Q luminaire is available with horizontal cut-off mounting configurations and a shielded IES Type V distribution, and is certified by the Florida Fish & Wildlife Conservation Commission (FWC) for wildlife applications that are directly visible from the shore requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required by FWC. Typical applications include retail centers, hotels, residential, parks, schools and universities, office buildings and medical facilities. Mounting heights of up to 12 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die Cast Aluminum Housing and Front Frame, Integral Heat Sinking and Driver Compartment. Photocell Adaptable. Nickel-Plated Stainless Steel Hardware. Includes Full Baffle Required to Maintain FWC Certification.

Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

Finish:

Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:

Tempered Clear Flat Glass Lens

Mounting Options:

Mounts with Eagle Arm, 2¾" Diameter Mounting Arm Adapter, or Easy Hang Wall Bracket (Factory Installed).

AmberLED:

Aluminum Boards

Wattage:

Array: 81w, System: 81.5w; (150-250w HID Equivalent.)

Driver:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEPG Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty:

5-Year Warranty for -40°C to +50°C Environment.

See Page 3 for Projected Lumen Maintenance Table.



Certification #2018-001

AmberLED

Order Information Example:

EG25QF1X81UAMCZEASFBF

| EG25Q | F | 1X81 | | AM | C | | | | BF |
|--|-------------|----------|--------------------------|----------|----------------------------------|--|---|--|-----------|
| Model | Optics/Beam | Wattage | Driver | CCT | Lens | Color | Mounting | Options | Shield |
| EG25Q= Small Eagle Area, Wall, and Flood Light | F=Type V | 1X81=81w | U=120-277V C=347/480V | AM=Amber | C=Standard Clear Flat Glass Lens | Z=Bronze C=Custom (Consult Factory) | EA=Eagle Arm MA= Mounting Arm Adapter EH=Easy-Hang Wall Bracket | SF=Single Fuse* DF=Double Fuse* SP=Surge Protection M1=Motion Sensor, IR for mounting heights of 20ft to 35ft M2=Motion Sensor, IR for mounting heights of 18ft or less PC3=Photocell, 120-277VAC P10=Pencil Photocell, 120VAC P12=Pencil Photocell, 277VAC P14=Pencil Photocell, 120-277VAC *120-277V Models Only. | BF=Baffle |





AMBER STREET & AREA

Mounting Options:



EG25Q with Eagle Arm (EA)

EAGLE die-Cast Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Mounts Directly to Square Poles.



EG25Q with Pole Mounting Arm Adaptor (MA)

Die-Cast Adaptor for 2 3/4" Horizontal Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.






EG25Q with Easy-Hang Bracket (EH)



Die-Cast Easy-Hang Wall Bracket, Bronze Powdercoat Finish, Includes Hardware.


EPA (Effective Projected Area)

Shown with Small Eagle Arm mounting.

| Configuration | EPA (Sq. Ft.) | Weight (Lbs.) |
|--|---------------|---------------|
|  1 | 1.08 | 17.5 Lbs |

| Configuration | EPA (Sq. Ft.) | Weight (Lbs.) |
|--|---------------|---------------|
|  2@180° Mount | 2.15 | 35 Lbs |
|  2@90° Mount | 1.46 | 35 Lbs |

| Configuration | EPA (Sq. Ft.) | Weight (Lbs.) |
|--|---------------|---------------|
|  3@90° Mount | 2.37 | 52.5 Lbs |
|  3@120° Mount | 2.15 | 52.5 Lbs |

| Configuration | EPA (Sq. Ft.) | Weight (Lbs.) |
|---|---------------|---------------|
|  4@90° Mount | 2.37 | 70 Lbs |

Accessories & Replacement Parts:



| Mounting Accessories (Order Separately, Field Installed) | |
|--|---|
| KH20RPZ | Die-Cast Adaptor for 3" to 4" Round Poles, Bronze Powdercoat Finish. Use with KH25A Eagle Mounting Arm only. |
| KH20WMZ | Die-Cast Wall Mount Adaptor, Bronze Powdercoat Finish. Use with KH25A Eagle Mounting Arm only. |
| PTSB1SZ | Single Pole Tenon Spoke Bracket, 2 3/4" Horizontal Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. |
| PTSB290SZ | Twin Pole Tenon Spoke Bracket, 2 3/4" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. |
| PTSB2180SZ | Twin Pole Tenon Spoke Bracket, 2 3/4" Horizontal 180° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. |
| PTSB390SZ* | Triple Pole Tenon Spoke Bracket, 2 3/4" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. |
| PTSB3120SZ* | Triple Pole Tenon Spoke Bracket, 2 3/4" Horizontal 120° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. |
| PTSB490SZ* | Quad Pole Tenon Spoke Bracket, 2 3/4" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. |

| Accessories (Order Separately, Field Installed) | |
|---|--|
| P18131 | Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum. |
| P18132 | Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten. |
| P18140 | 110-120VAC Instant Twist Lock Photocell |
| P18142 | 105-287VAC Instant Twist Lock Photocell |
| P18152 | 277VAC Time Delay Twist Lock Photocell |
| P18156 | 120-277VAC Universal Twist Lock Photocell |
| P18157 | 480VAC Time Delay Twist Lock Photocell. For 480V use only. |
| ACCHSG1Z | Die Cast Accessory Housing for Installing Sensors or Other Lighting Controls, Bronze Powdercoat Finish |
| ACCHSG3 | Bronze Polycarbonate Housing for Installing Sensors, Includes Sensor Bracket and Gasket. |

| Replacement Parts (Order Separately, Field Installed) | |
|---|--|
| KH25GL | Tempered Clear Flat Glass Lens. |
| KH25AZ | Eagle Die-Cast Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Mounts Directly to Square Poles. |
| ALMAAZ | Die-Cast Adaptor for 2 3/4" Horizontal Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. |
| KHEHZ | Die-Cast Easy-Hang Wall Bracket, Bronze Powdercoat Finish, Includes Hardware. |
| P17117 | Internal Microwave Sensor with Dimming, 120-277VAC, 50/60Hz. See P17117 Specification Page for Details. |

*Non-stock item. Consult factory for lead time.

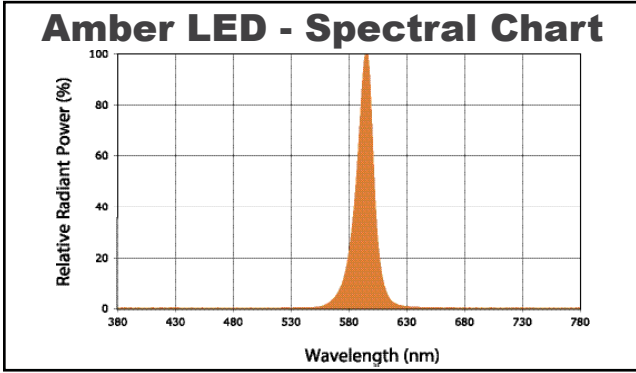


Certification #2018-001



AMBER STREET & AREA

Photometric Data



Photometric Performance

| LED Board Watts | Drive Current (mA) | Input Watts | Optics | Amber LEDs | |
|-----------------|--------------------|-------------|--------|------------|-----|
| | | | | Lumens | LPW |
| AmberLED 81w | 525 | 82 | Type V | 2,607 | 32 |

Projected Lumen Maintenance

| Data shown for Amber LEDs | Compare to MH | | | | | | |
|--------------------------------------|---------------|-------------|---------|------------|------------|-------------|----------------------|
| | TM-21-11 | Input Watts | Initial | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated L70@ 25°C |
| L70 Lumen Maintenance @ 25°C / 77°F | 82 | 82 | 1.00 | 0.98 | 0.97 | 0.93 | 429,000 |
| L70 Lumen Maintenance @ 50°C / 122°F | 82 | 82 | 1.00 | 0.97 | 0.94 | 0.88 | 259,000 |
| L80 Lumen Maintenance @ 40°C / 104°F | 82 | 82 | 1.00 | 0.97 | 0.95 | 0.90 | 195,000 |

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.



Certification #2018-001