

PWB24 Amber

AmberLED Triangle Low Profile Pathway Bollard



The 1882 Lighting AmberLED PWB24 Low Profile Pathway Bollard provides full cutoff lighting for outdoor path, walkways and landscape areas using wide spread optics is designed for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. These fixtures are ideal for landscaped areas at retail centers, restaurants, hotels, schools and universities, office buildings and medical facilities.

Specifications and Features:

Housing:

Extruded Aluminum Housing with Flush Mounting Base, Flat Top. Bollard Can Be Cut to Custom Lengths Upon Request.

Listing & Ratings:

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

Finish:

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

Style:

Specially Designed White Cone Reflector that Minimizes Diode Brightness

Lens:

Clear UV-Stabilized Polycarbonate or SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens.

Mounting Options:

Mounting Kit with 8" Zinc-Plated Anchor Bolts, Included.

AmberLED:

Aluminum Boards

Wattage:

Array: 7w, System: 7.4w

Driver:

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

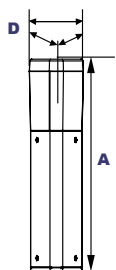
Controls:

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.



Dimensions

| | |
|-------------------------|---------------|
| Length ³ (D) | 3 1/2" (90mm) |
| Height (A) | 15" (381mm) |

AmberLED



SoftLED

PWB24 Amber

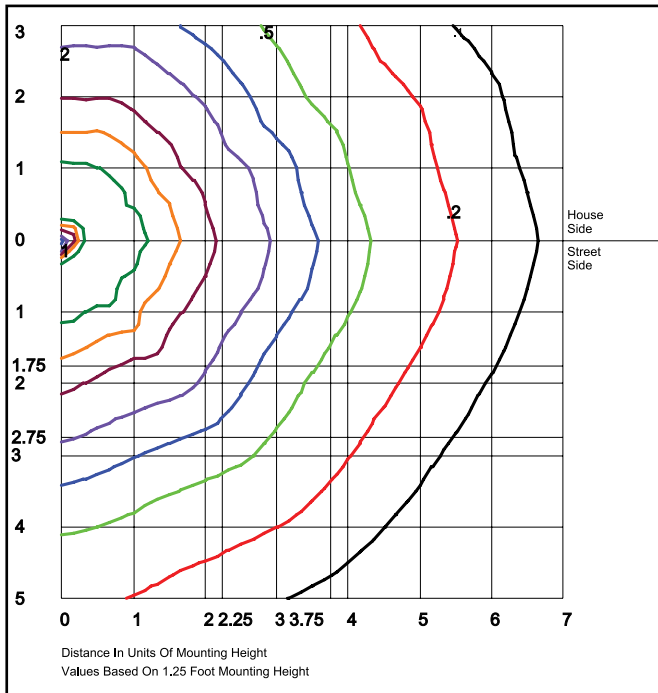
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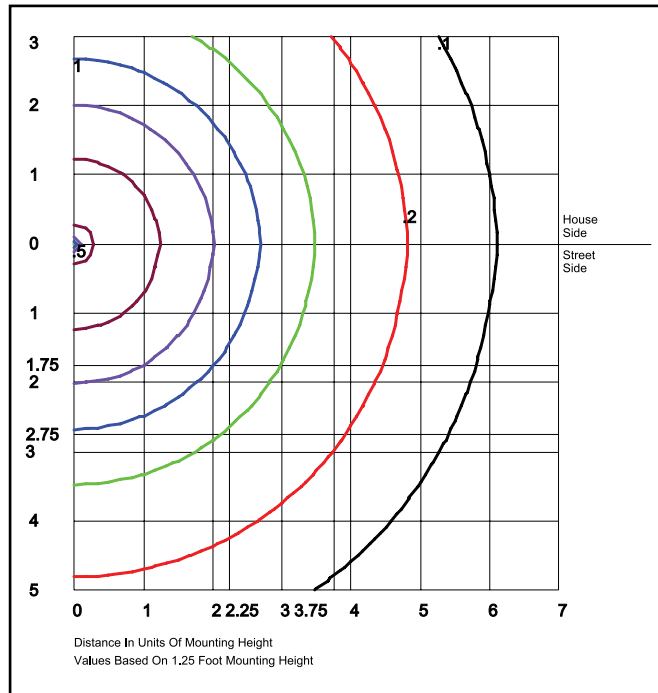
Order Information Example: PWB24QF1X7UAMCZ15SP

| PWB24Q | F | 1X7 | U | AM | | | | |
|--|--------------------|---------|------------|----------|--|---|---|--|
| Model | Optic | Wattage | Driver | CCT | Lens | Color | Height | Options |
| PWB24Q=AmberLED Low Profile Pathway Bollard, Contemporary Series | F=Wide Beam Spread | 1X7=7w | U=120-277V | AM=1400K | C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens | Z=Bronze B=Black C=Custom (Consult Factory) | 15=15" Height C=Custom* (Consult Factory) *15" minimum, taller heights available | SF=Single Fuse* DF=Double Fuse* SP=Surge Protection *120-277V Models Only. |

Photometric Data



PWB24QF1X7UAMC
Type V, Clear Lens
Grid in feet, Mounting Height = 1.25 ft.



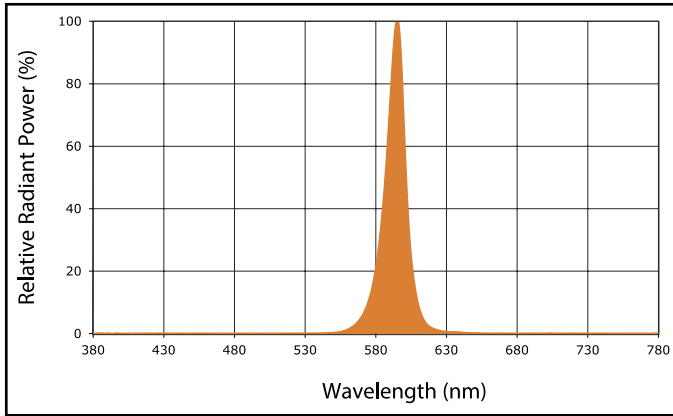
PWB24QF1X7UAML
Type V, LumaLens
Grid in feet, Mounting Height = 1.25 ft.

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Spectral Chart



Photometric Performance

| | | Wattage (Catalog Logic) | 19W (1X19) |
|--|------------|----------------------------|---------------|
| | | Input Watts | 21.4W |
| Optic | CCT | Delivered Lumens | |
| PWB24Q with Clear Lens F=Type V Optic | Amber | 528 | |
| | BUG Rating | B1-U0-G0 | |
| PWB24Q with LumaLens F=Type V Optic | Amber | 337 | |
| | BUG Rating | B0-U3-G1 | |

Projected Lumen Maintenance

| Data shown for Amber LEDs TM-21-11 | Input Watts | Compare to MH | | | | Calculated LED Life |
|---|-------------------------------------|---------------|------------|------------|-------------|---------------------|
| | | Initial | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | |
| L70 Lumen Maintenance @ 25°C / 77°F | All wattages up to and including 7w | 1.00 | 0.95 | 0.90 | 0.80 | 147,000 |
| L70 Lumen Maintenance @ 50°C / 122°F | | 1.00 | 0.89 | 0.78 | 0.55 | 67,000 |
| L80 Lumen Maintenance @ 40°C / 104°F | | 1.00 | 0.92 | 0.85 | 0.70 | 66,000 |

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 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.