

A large, modern high mast lighting system with multiple rectangular LED light fixtures mounted on a central pole. The fixtures are illuminated, casting a bright white light. The background is a clear blue sky. The Philips Lumec logo is in the top left, and a circular LED logo is in the top right.

**PHILIPS
LUMEC**



Roadway

HighFocus

Elevate your freedom with HighFocus

Philips Lumec HighFocus LED high mast luminaires help to reduce lighting-related energy costs compared to HID technologies while meeting code requirements, and their long life, backed by Luminaire Useful Life rating, means that maintenance time and related costs are also reduced. HighFocus LED is the high performing, low-maintenance high mast solution that provides managers and work crews with the freedom to focus on other tasks.

Benefits

- Provides reliable and uniform LED illumination ranging from 400 to 1000W HID replacement.
- Consistent and uniform light levels, from specially-designed discrete LED optics mean that anyone can confidently navigate the well-lit area with ease.
- Eight lumen packages available providing up to 97,380 lumens and up to 140 lm/W, so you can customize your high mast solution to maximize your energy saving benefits.
- Switching your HID high mast luminaires to HighFocus LED allows you to achieve comparable photometric performance while utilizing half the number of luminaires*.
- Long LED life means that drivers aren't frequently inconvenienced by maintenance-related lane or area closures.

* Based on photometric comparison of (8) 400W HPS Type 2 luminaires versus (4) HFL-184L1050NW-G1 and (10) 400W HPS Type 5 luminaires versus (5) HFL-184L1050NW-G1 HighFocus LED luminaires.



Applications

- Multi-lane Freeways and Expressways
- Interchanges
- Major Roads
- Collector Roads
- Adjoining Roadways
- Bridges and Overpasses
- Ports
- Rail yards
- Shipyards

Technical features

Note: Prior to ordering, consult specification sheets on philips.com/luminaires for the most current information, notes and exclusions.

Optics: Type II (2), Type III (3), Type IV (4), Type V Medium (5M), Type V Wide (5W)

Note: Entire optical assembly rotatable, enabling alignment of asymmetric optics parallel with roadway to optimize optical performance.

Color temperature: 4000K, neutral white

Luminous flux: 21,775 - 97,389 delivered lumens

Efficacy: up to 140 Lm/W

Uplight: U0 = No uplight

Luminaire Useful Life: Up to 100,000+ hours with $>L_{70}$ at 25°C (includes LEDs and drivers)

Driver: 0-10V Dimming Driver Standard

Power: 167W to 965W (steady state in W, +/- 10%)

Surge protection: SP1 standard, SP2 option provides extra surge protection

Twist-Lock receptacle: Optional 5-pin and 7-pin NEMA twist lock receptacles available

Finish: Grey, White, Black, Bronze

IP Rating: IP66 rated light engines, IP65 rated electrical compartment

Material: Low copper die cast aluminum housing and door, anodized aluminum heat sink

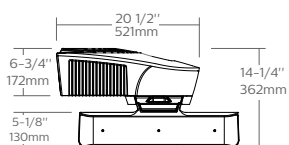
Vibration: Meets ANSI C136.31 3G rating for bridges and overpasses

Mounting: Fits on 2 3/8" (60mm) O.D. (2" NPS) by 5 1/2" (140mm) minimum long tenon.

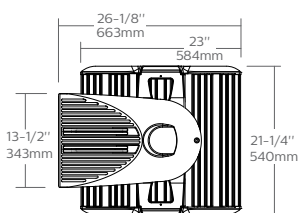
Warranty: 10-year limited warranty. See philips.com/warranties for details and restrictions.

Dimensions

Side View



Bottom View

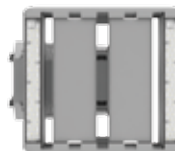


Weight - 2 Module: 44 lbs
19.96 kg
4 Module: 60 lbs
27.22 kg
6 Module: 75 lbs
34.02 kg

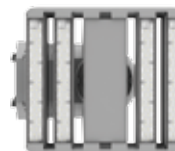
EPA - 1.89 sq. ft.

LED Modules

2 modules



4 modules



6 modules



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