

LUMEC

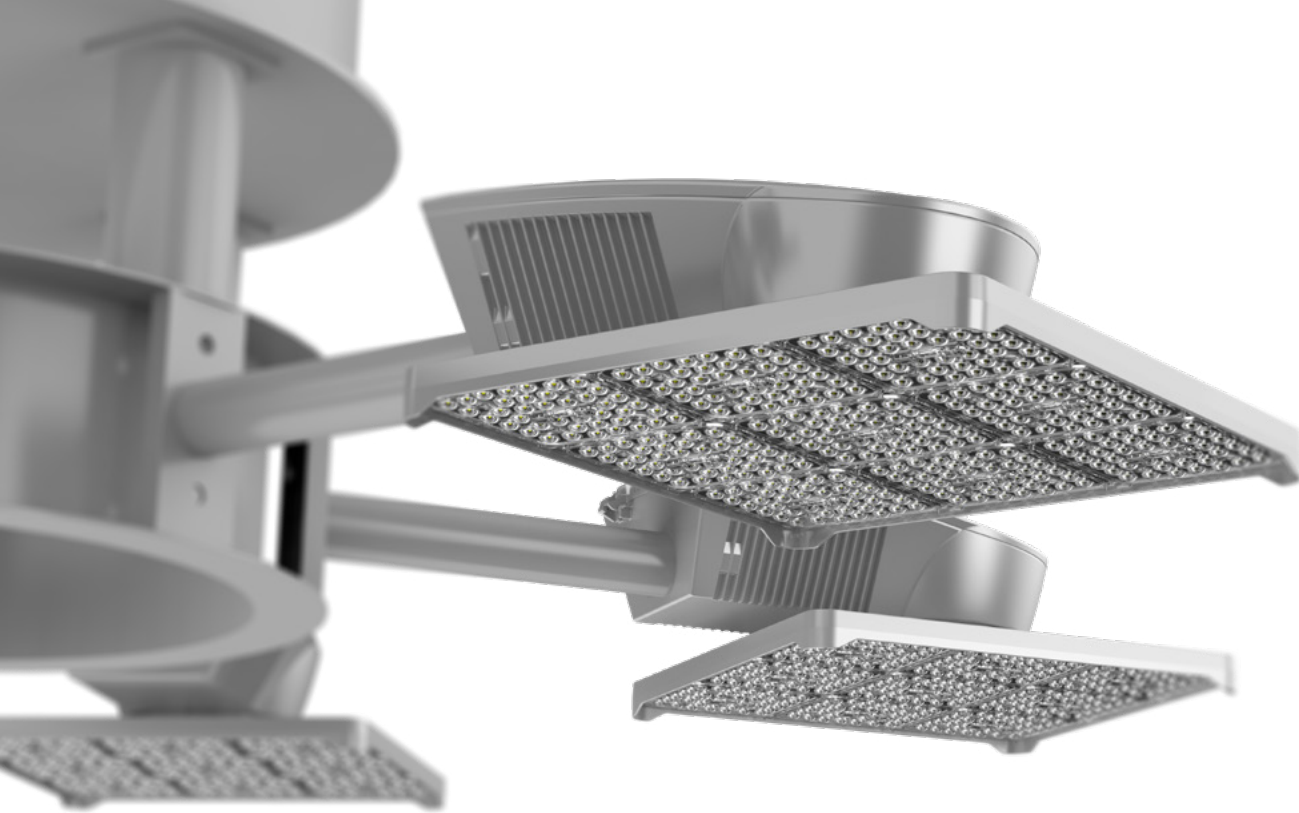
by Signify

Above all, high performance with a purpose

Roadway

HighFocus Plus





Elevate your freedom

You already know that LED technologies can significantly reduce energy usage and lighting-related energy costs, but, did you know that the right LED high mast luminaire can also be a low-maintenance solution that reduces labor and maintenance time too?

The Lumece HighFocus Plus LED luminaires are a high-performing, low-maintenance high mast solution that provides managers and work crews with the freedom to focus on other tasks. HighFocus Plus helps to reduce lighting-related energy costs compared to HID technologies, while meeting or exceeding code requirements.

Its long life, backed by industry leading 10-year limited warranty and luminaire useful life rating, means that maintenance time and related costs are also reduced. Among the highest lumen outputs in the market today (as much as 50% higher than other leading brands), you may be able to significantly reduce the number of luminaires on each pole without compromising on light quality or a sense of security for those in the area.

High
Performance

High
Efficacy

High
Value



Your crews spend less time
on maintenance and repair



Designed with a purpose

Die cast housing:

Rugged die-cast aluminum housing for maximum durability.

Drivers:

The 0-10V dimming driver is standard and D4i certified drivers are optional, enabling controls to be added now or in the future.

Surge protection:

Standard SP1 and optional SP2 surge suppressors that protect the luminaire.

Interact Node (optional):

Provides plug & play wireless communications technology, connecting your street lighting to Interact lighting management systems with fail-on or fail-off options.

Twist lock receptacle:

Tool-free 7-pin NEMA twist lock receptacle facilitates connected lighting solutions that can be upgraded quickly and easily in the future (IP65 rated photo controls).

IP66 rated light engine:

Reliable light engines that are IP66 sealed to protect against dust and moisture, extending the LED life.

Notable features



Field-adjustable wattage selector (optional)

Can be operated even while wearing lineman's gloves, providing tactile audible and visual switch position markers.



Outdoor Multisensor (optional)

Enables advanced adaptive lighting management and environmental monitoring sensors. Motion detection, temperature and noise levels can all be monitored.



Sensor ready (optional)

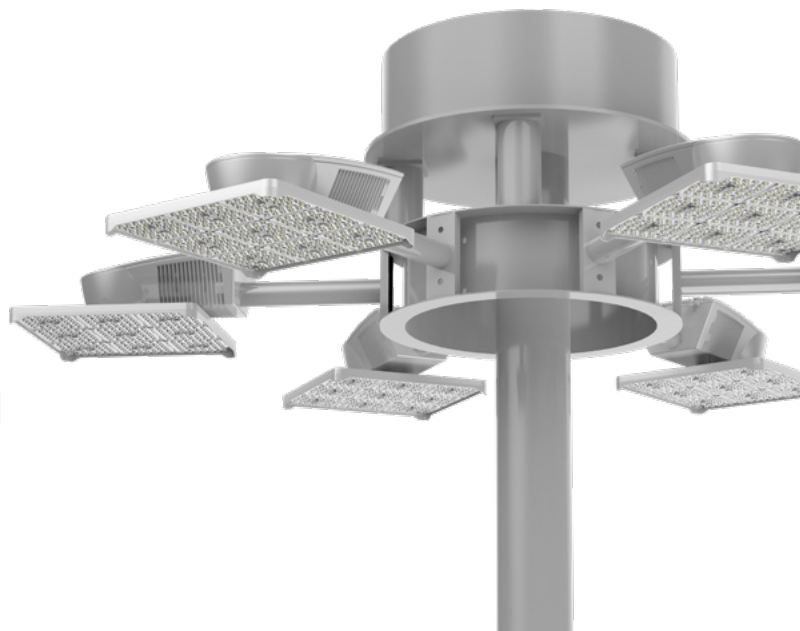
Optional D4i and SR drivers add flexibility for connecting now or in the future. D4i driver requires Zhaga socket (TLRSR). Socket ships with a protective cap as shown on the left.



Service Tag

Includes Service Tag, an innovative way to provide assistance throughout the life of the product.

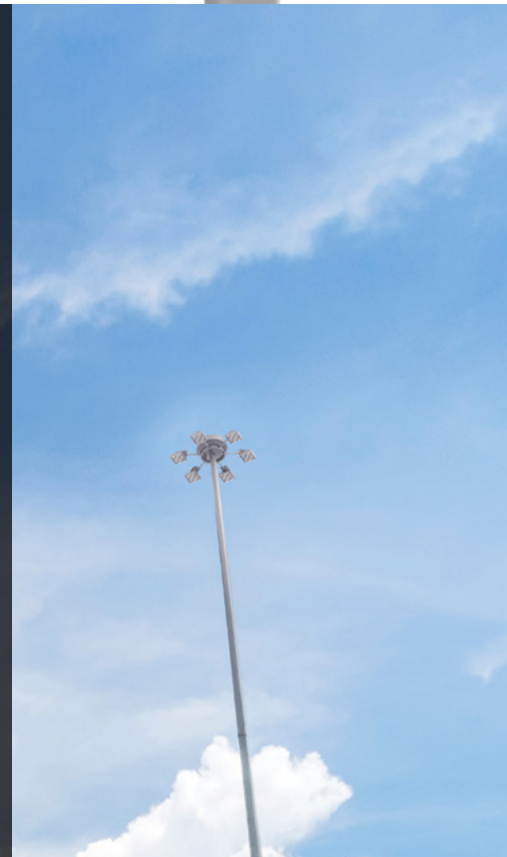
The latest in LED technology delivering over **139,000 lumens** with efficacies reaching **191 lumens per watt**



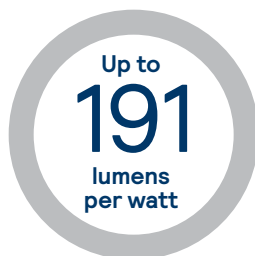
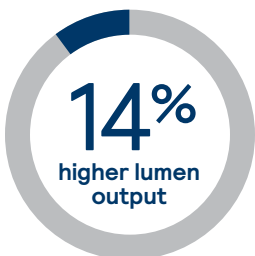
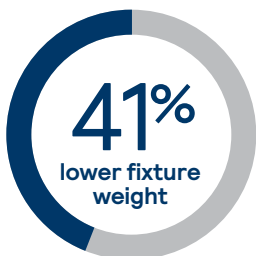
This LED high-mast fixture is designed to excel with both retrofit and new construction applications

HighFocus Plus LED offers the flexibility of multiple lumen packages and integrated control options, as well as both roadway and area lighting optical distributions – all providing the customer with choices on light levels and energy savings when replacing 400-1000+ watt HID products. Available with a wide variety of advanced control options, this fixture also offers an HVX feature to enhance power quality protection of 277-480V operation.

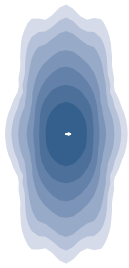
HighFocus Plus is designed with 41% lower weight than previous generations, allowing for easier installations for the contractor. This family also includes Service Tag, which enables data delivery and information sharing, and provides assistance throughout the life of the product.



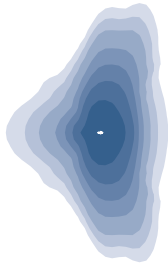
Lumec HighFocus Plus LED luminaires provide a long lasting system lifetime and up to 65% energy reduction over traditional HID high-mast products



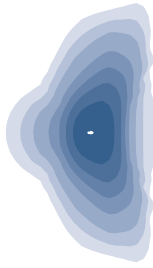
Lighting performance



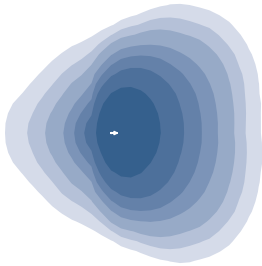
Type 1



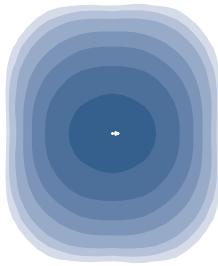
Type R2M



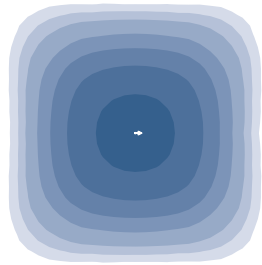
Type R3M



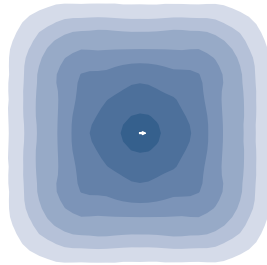
Type 4



Type 5N



Type 5M



Type 5W

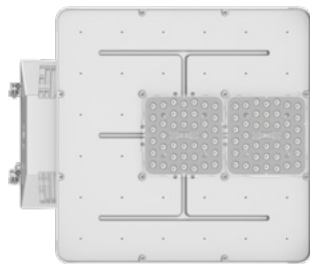
HighFocus Plus offers leading performance with optical distributions equivalent to HID sources range from 400W to 1000W+.

Superior uniformity, putting light where it's needed, and Dark Sky compliance are just a few considerations when developing our optics and LED light engines. Rotatable optics and ± 5 degree tilt along with a variety of shielding options make HighFocus plus a perfect solution for your new installation or retrofit application.

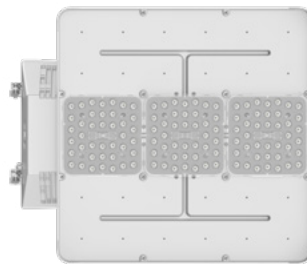


Configurable to meet ambitious lighting needs

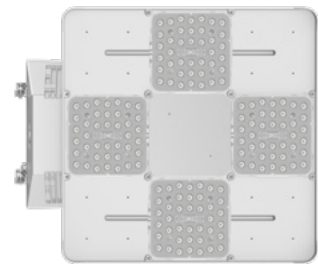
HighFocus Plus can be customized to meet your demanding lighting needs and is connectable ready. Configurations are available in multiple lumen packages, color temperatures, optical distributions and a complete array of board layouts.



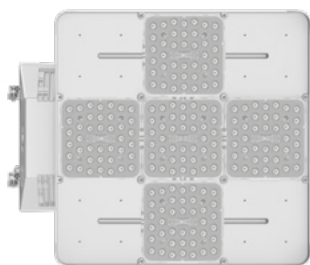
2 board layout
(Up to 35,000 lumens)



3 board layout
(Up to 52,000 lumens)

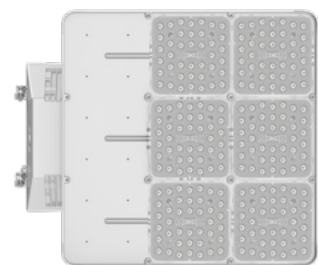


4 board layout
(Up to 69,000 lumens)

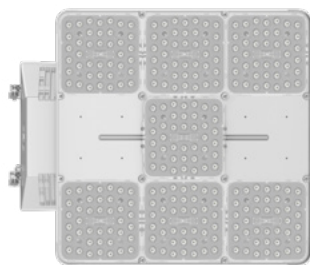


5 board layout
(Up to 83,000 lumens)

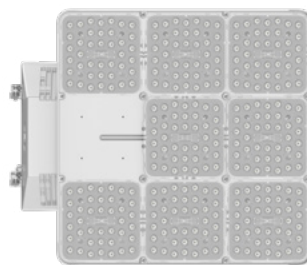
Available in
2 to 9 board
configurations



6 board layout
(Up to 94,000 lumens)



7 board layout
(Up to 105,000 lumens)



8 board layout
(Up to 116,000 lumens)



9 board layout
(Up to 139,000 lumens)

Sustainable by design

At Signify, we are on a mission to create a better world with environmentally friendly light.

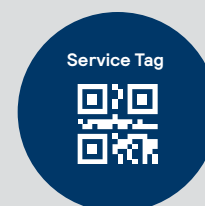
To transition towards a sustainable and circular economy, we need to rethink the way we produce and consume. With HighFocus Plus, you can rest assured your lighting solution was designed to have as minimal of an impact on the environment as possible.

HighFocus Plus achieves this in several ways

✓	Manufactured using less materials, resulting on average 30% smaller and up to 40% lighter than predecessor.	✓	Made by a company that has been 100% carbon neutral and had zero waste to landfill since 2020.
✓	Enhanced optics optimize performance without sacrificing energy efficiency.	✓	Uses 78% less energy than conventional HPS technology.
✓	Fully connectable to achieve maximum lighting efficiency and efficacy.	✓	Compliant with International Dark Sky, featuring zero uplight.

Service Tag allows for easy serviceability

Thanks to the Service Tag placed on all HighFocus Plus luminaires, poles and boxes, each product is uniquely identifiable by simply scanning a QR code. Information for this specific luminaire can be accessed using a simple hand-held device like a smartphone or tablet. If required, spare parts can also be configured to the original registered settings for any specific luminaire. These Service Tag features enable your installation and maintenance process to become faster, easier and more cost effective.



Learn more about LumeC HighFocus Plus high-mast LED luminaires online at LumeC.com/HighFocus

Smart city building blocks

Connected ready luminaires are built for the future, providing the benefit of end-to-end Interact street lighting management systems.

Interact City is a connected LED lighting management system which helps to improve services, enhance security, beautify public spaces, encourage civic pride and increase energy efficiency. With Interact you can remotely manage, monitor and control your city lighting from roads and streets, to sidewalks and crossings, as well as parks and plazas – all from one single dashboard. Interact City utilizes powerful software applications which can transform city luminaires into valuable sources of data.

What Interact City can do for you



Lighting asset management

Lighting asset management software provides full visibility into lighting infrastructure. Automatic fault detection allows for a quick response time and minimal downtime. Data can be used to make informed decisions and optimize lighting performance. Manage lighting-related workflows from an intuitive application and view data from a centralized dashboard.



Scene management

Remotely adapt city lighting to suit time of night, season, or event. Turn lighting up if there's a traffic incident or a crime. Dim to 30% when the streets are empty late at night. Use sensors on the light poles to detect activity, keeping your citizens safe and comfortable – easily turning parks and plazas into livable spaces.



Energy optimization

Optimize street lighting performance and accurately measure energy usage in real-time. Full control of your city lighting lets you reduce CO₂ emissions, make progress toward your sustainability goals, and lower energy usage and costs. Those savings can be reinvested into other areas of your city's infrastructure.



Sensors

Turn every street light luminaire into a city sentinel. Outdoor sensors which detect motion/presence, tilt, vibration, ambient temperature, noise and more, can be attached to a luminaire fitted with the ZHAGA Book 18 push-and-twist lock socket interface. These functions can be remotely configured and data can also be sent directly to the Interact City application.



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