

- + Rise Higher
- + Go Farther
- + Shine Brighter
- + Work Smarter

# The New 100W OmniMax

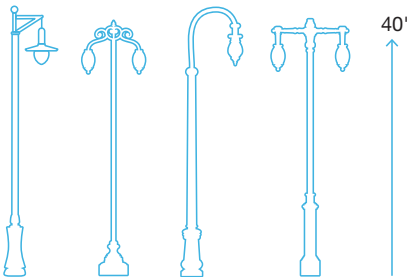


## More light. Dependably beautiful.

With light output equivalent to a 150W HID, you get more lumens, across a broader range of applications, without compromising light quality.

### Applications

You asked, and we delivered. The 100W OmniMax LED retrofit was designed specifically for applications where you need more light from your decorative fixtures, such as taller pendant and teardrop applications (up to 40ft poles), and locations where decorative luminaires are the primary light source.



### Benefits

A new patented Evluma driver delivers substantially higher lumen output, even at lower CCT levels. Pair that with OmniMax's revolutionary low-glare optics, and you get the kind of light your decorative fixtures were built for: warm, beautiful and bright.

It also offers a wider range of output, enabling you to adjust dimming schedules to deliver more light at peak hours, and providing more flexibility in your lighting design strategy.

### Options

Like the 40W and 70W, the 100W OmniMax comes in six CCT values, ranging from 2000k-5000k, and is available with Evluma's Photocontrol Failsafe™, and ConnectLED™ Bluetooth technology.



Powerful, reliable, and easy to install: this OmniMax is ideal for any scenario where you need more flexible, more beautiful—and simply more—light.

# Product Information

## Construction & Finish

White Valox DR48 molded resin. Flexible PCB light engine wrapped around aluminum heatsink.

## Thermal Management

Exceptional thermal management is a key consideration for operation in closed environments (globe). A network of temperature compensating components plus active cooling support an industry leading 4 layers of thermal management.

## Optical (lens)

Matte finish, molded silicone lens over a radial LED light source for maximum light diffusion and no discoloration.

## Electrical

Evluma proprietary dimmable driver. Patent Pending. 120-277 VAC 50/60 Hz. High capability surge protection for 20kV/10kA per IEEE/ANSI C62.41.2 - 2002. Location Category C-High.

## Installation

The OmniMax is an easy-to-install, screw-in replacement lamp for HID light sources. Wiring around, or removing the legacy ballast is required prior to permanent installation. Suitable for damp locations within an enclosed luminaire. Light-weight design suitable for horizontal and vertical installation.

## Lumen Maintenance (Pending)

L70 (10,000) >60,000  
LM at 10,000 hours = 97%  
LM at 100,000 hours = 80%  
L70 (TM-21) >100,000



**Ten-year warranty**

Visit [www.evluma.com/products/omnimax-warranty/](http://www.evluma.com/products/omnimax-warranty/)

## Ordering Information

Sample Catalog #: OMNI-100-3K-MO

Product Family	Watts (nom)	CCT	Base	Option	CRI	Lumens*	LED mA	Lm/W
OMNI	100 = 100 watts	2K = 2000K 22 = 2200K 27 = 2700K 3K = 3000K 4K = 4000K 5K = 5000K	ME=Medium MO=Mogul	STD = standard  Standard ships without Bluetooth or Photocontrol Failsafe built-in.	>80	>8630 >9650 >12,430 >12,720 >13,160 >13,310	150 mA	>85 >95 >120 >125 >130 >130
100W LED (Recommended to replace up to 150W HPS / 175W MH)								

## OmniMax Standard vs. Premium

Evluma offers the OmniMax in two basic configurations, Standard and Premium. All configurations offer the same electrical performance, lumen maintenance and warranty.

OmniMax Premium includes Evluma's innovative solutions for smart, connected lighting:



### Photocontrol Failsafe™

Photocontrol Failsafe eliminates the need to replace failed photocontrols saving truck-rolls.



### ConnectLED™

OmniMax Premium is compatible with ConnectLED, which enables "walk-by" programming for each bulb. It uses BLE technology to securely communicate with each individual lamp up to 100 feet from the pole to wirelessly dim, control or disconnect. ConnectLED is available for Windows laptops, and as an Apple or Android app. (Sold separately.)



### Shipping Data

Single Unit Net Weight 2 lbs. (0.9kg)

LTL PAL Qty: 168 units / 610 lbs. (277 kg)

### Certification Data

UL 1598 & Met Labs

ANSI C136.31 3G Level 2

Vibration Bridge/Overpass

### Energy Data

120-277 VAC 50/60hz

Power Factor >0.9

THD <20%

Driver Lifetime >100,000 hrs

Temperature Ambient Min -40°C  
Ambient Max 40°C

## Evluma makes one thing: Utility-grade outdoor LED lighting solutions

From heat management, to light quality, to integrated controls, we've been solving the biggest challenges in LED for over 2 decades. We help cities, municipalities and utility providers evolve their lighting infrastructure to meet needs of tomorrow.



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