

LUMENOSITY

Cobra-175

Solid State LED Area Light

LED Replacement for HID, HPS or MH 175W fixtures !!!



- Five Year Warranty
- Rugged Die-cast base
- ETL Listed
- Three-stage surge protection
- LED burn-out protection onboard
- Output greater than 175W Metal Halide
- Consumes less than 32W
- Superior Temperature/Lumens performance
with 4150 lumens from LED engine
- 110-277V input
- 70,000 hours of operation
- Designed to be field serviceable !
- Made in the USA !!



The fixture can be easily pole mounted with a variety of multiple length arms.

Information

The Cobra-175 from Lumenosity offers the absolute latest in state of the art roadway lighting design. We are so confident in our design that we offer a 5-year Unconditional Warranty for the unit.

The fixture is based on cutting-edge LED technology from the world's most advanced suppliers, and it offers far superior temperature/lifetime performance ratings than any other manufacturer currently available. This powerful combination allows for a much wider safety margin for long life, more light, more useable lumens and less operational costs than any other comparable fixture available.

In addition to superior LED technology, the unit has surge protection built into its power supply, as well as surge protection across the entire luminaire. Additionally, the fixture is designed in such a manner that even if a single LED were to fail, the rest of the fixture would continue to operate and provide light.



Made in USA

Cobra-175 Specifications

- HV series – 110V-277VAC/60 Hz Input Voltage
- 32V DC Nominal across Led luminaire
- Diffuser – Glass + UV
- Body – Formed Aluminum, powder coated
- Pole Mounted
- Over voltage protection on power supply input and output
- Fixture burn-out protection across each Led
- 4150+ Initial Lumens from Light Engine
- Weight – 18 pounds
- Std Color Temp= 5000k, other colors available.
- Size 36.75" long x 16" wide x 11" deep



Why LED Technology?

LED technology has made tremendous leaps and bounds over the past few years. Their ever-falling prices of equipment, maintenance-free life, and low operational costs are all primary benefits of this new technology. In addition to these benefits, LED fixtures offer a host of environmental benefits, including:

- More Lumens per dollar in operation, thus conserving electricity and cost!
- Long lifetime, meaning less waste in the local landfill (70,000 hours)
- Ideal for hostile environments because there is no glass bulb to break!
- No mercury or toxic materials contained in the bulbs, unlike fluorescent
- Instant start-up across a wide temperature range, unlike fluorescent

Energy Savings Comparison

<u>Light Source</u>	<u>Wattage</u>	<u>Lifespan Hrs./Yrs.*</u>	<u>Annual Energy Use</u>	<u>Annual Operating Cost + Maintenance @.13k/KW-H</u>
HID	175	24k / 5.4	1446 kW-H	\$187.98
LED	32	70k / 16	368 kW-H	\$ 47.84

**Calculations assume 12hrs operation/day. Further savings are realized with reduced maintenance costs due to long life of LEDs, drivers, and elimination of glass breakage issues.*