

KarbonCobra LED Streetlights

Coming soon:
Early 2025



KC0
5.9 lb
1,500 - 7,500 lm
Up to 175 lm/W



KC1
7.7 lb
1,500 - 16,000 lm
Up to 190 lm/W



KC2
10.6 lb
10,000 - 25,000 lm
Up to 190 lm/W



Carbon Footprint Friendly Design

The KarbonCobra LED streetlight series delivers top-tier performance, enhancing illumination and safety across various applications, including neighborhood streets, city streets, roadways, highways, and more. Designed with a focus on reducing carbon footprints, it offers approximately 70-80% in combined energy and maintenance savings, while lowering infrastructure costs throughout its entire lifespan.

Key Features, Details & Specs

- Expanded distribution types offered. (7 types)
- 1,500 to 25,000 lumens w/ efficacies up to 194 LPW
- True 50-400+ watt HID replacement (70%+ energy savings)
- Performance Selector option for field adjustment of wattage & lumens
- Next-gen performance LED platform with roadway optics & shielding
- 2200K, 2700K, 3000K, 4000K & 5,000K CCT options available
- Weighs only 5.9 lb (KC0), 7.7 lb (KC1), and 10.6 lb (KC2) for safe, single-person installation
- Single-handed, tool-free electrical door access
- 10kV integral surge standard, 20kV extreme surge option available
- Entire luminaire is rated IP54 with IP66 rated light engines
- 50°C (122°F) high-ambient rating is standard
- Pass-thru convective cooling & integral thermal heatsink design
- 5,000-hour salt spray finish standard (coastal finish available)
- All exposed fasteners are stainless steel & captive
- 3G vibration rated suitable for high winds, overpasses, bridges, etc.
- Tested before & after rigorous 2-hour burn-in cycle
- Assembled in the USA at LEOTEK's San Jose, CA facility

Expanded Distribution Types Offered

7 different types of light distribution with optimized uniformity are offered to be compliant with ANSI/IES RP-8 standard.

2R	2F (appropriate illuminance optional)	3R	3F (appropriate illuminance optional)	T4	T4F (appropriate illuminance optional)	T5

Hassle-Free Installation & Maintenance Features

Single-handed, tool-free electrical door access with stainless steel push button and rear hinge design. Straight terminal block as standard with optimized cable management design.
(compatible w/ most lineman safety gloves)



Control Options, Low Blue Light Solution, and Low Glare Solutions

NEMA 7 pin receptacle standard. Zhaga Book 18 4 pin receptacle and low-profile embedded node optional*. Low blue light solution available for KC0 and KC1**. Low glare solution available for KC1 and KC2***.

