



# LCN2 Series – LED Outdoor Double Skin Canopy

Applications include petroleum stores, parking garages

## GREEN Technology

The Leotek LCN2 Canopy Luminaire offers a cutoff, recessed, exterior lighting solution engineered around energy-efficient LED sources. The form minimizes visual clutter under the canopy, while providing the required thermal management to ensure optimal LED performance.

### High Visibility Illumination

- Extraordinarily uniform illumination
- High CRI, white light enhances visual acuity

### Life Cycle Economies

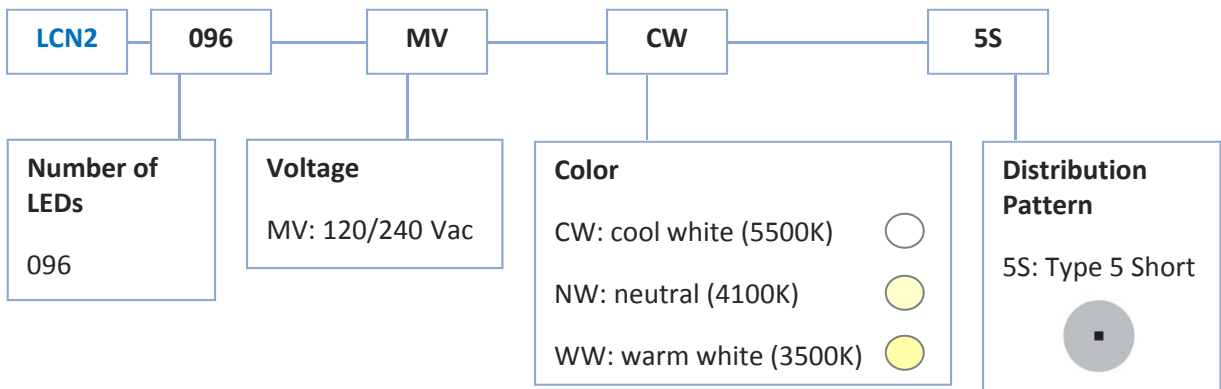
- High LED efficiency reduces energy cost
- 50,000-hour life reduces maintenance
- Instant-start LEDs are compatible with inverters and battery back-up emergency lighting systems available.

### Sustainable Design

- Energy savings reduce greenhouse gases
- 100% mercury and lead free
- In addition to the cutoff optics, the LCN2 luminaire reduces spill light into adjacent properties, thereby significantly reducing the contribution to urban sky glow.



## Ordering Options and Technical Data



Leotek Series	Power Consumption	Lumen Output/Lumen Per Watt Efficacy	CRI
LCN2-096	96W	6843/71	70%

# LCN2 Luminaire Specifications

**Luminaire Housing:** Molded white aluminum outer housing. Vertical adjustment brackets allow for leveling and height variation. Designed for recessed installation in double-skin canopies.

**Light-Engine Housing:** Die cast aluminum housing with heat dissipating fins.

**Optical Chamber:** Sealed, silicone gaskets. Full cutoff distribution, Type V.

**Light Emitting Diodes:** Hi-flux/Hi-power white LEDs produce a minimum of 100 lumens per watt and 70% of initial intensity at 50,000 hours of life. They have a correlated color temperature of 5500 and a CRI of 70. LEDs are 100% mercury and lead free.

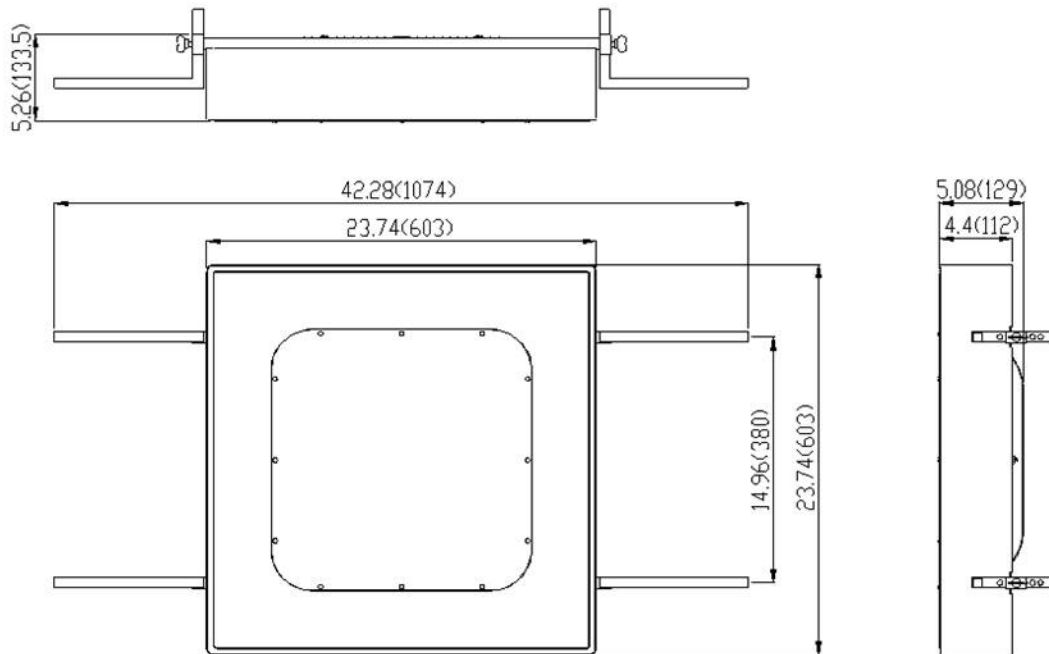
**Electrical:** Power supply features a Power Factor of .99 and <20% Total Harmonic Distortion (THD). EMC meets or exceeds FCC CFR Part 15 Class A. Transient voltage complies with ANSI C62.41 Cat. A. Power supply produces a maximum drive current of 325mA to optimize LED efficiency and life. Splice compartment.

**Finish:** White

**Listings/Ratings/Warranties:** Luminaires are listed by certified testing laboratory for use in wet locations in the United States and Canada. Five-year limited warranty is standard on all components.

**Photometry:** IES Type V short, Full Cutoff distribution. All luminaires are photometrically tested by certified independent testing laboratories in accordance with IESNA LM-79 testing procedures.

## Mechanical Dimensions [units: inch (mm)]



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