



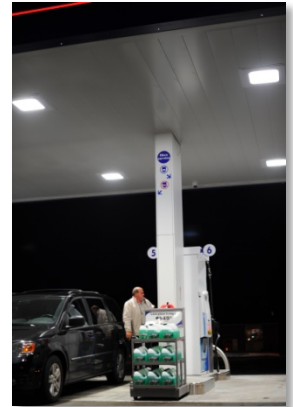
# LED Outdoor Double Skin Canopy LCN2 Series

**Applications include: petroleum store canopies, parking garages, cold storage, & protected, non-IC recessed ceilings**

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 extraordinary thermal management to ensure optimal LED performance.

## High Visibility Illumination

- Extraordinarily uniform illumination
- Outstanding vertical footcandles on fuel dispensers as well as on the ground
- High CRI, white light enhances visual acuity



## Life Cycle Economies

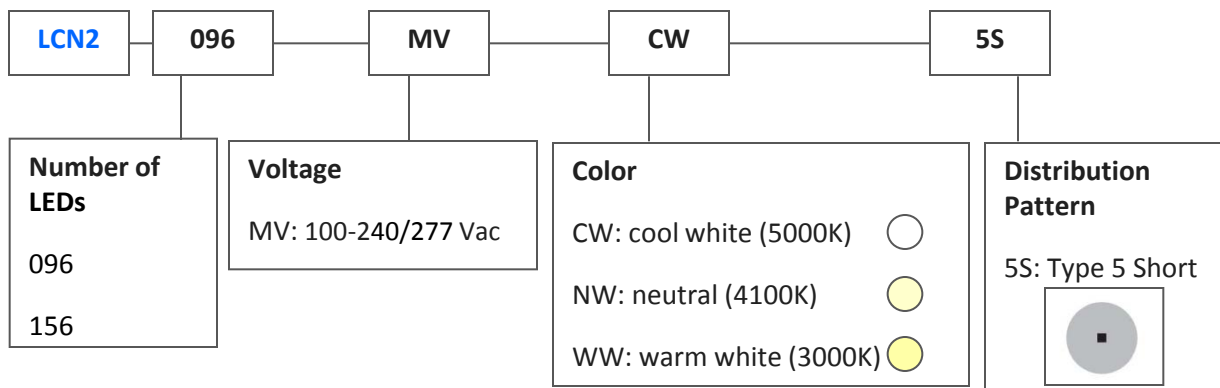
- High LED efficiency reduces energy cost
- 60,000 +/- hour projected life reduces maintenance
- Instant-start LEDs are compatible with inverters and battery back-up emergency lighting systems available.

## 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 (Typical)
LCN2-096	96W	7,546/80	70
LCN2-156	143W	11,501 / 80	70

\*Based on 5000K

# LCN2 Luminaire Specifications

**Luminaire Housing:** White ABS outer housing with steel top cover. Vertical adjustment brackets allow for leveling and height adjustment. Designed for recessed installation in double-skin canopies.



**Finish:** White.

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

**Optical Chamber:** Sealed by die formed silicone gasket held captive by stainless steel frame between clear prismatic UV stabilized polycarbonate lens and cast aluminum heat sink to prevent ingress of dust or moisture.

**Light Emitting Diodes:** Hi-flux/Hi-power white LEDs produce 130 lumens (typical) per watt and 70% of initial intensity (L70 projection) at 60,000+/- hours of projected life. They have a CCT (correlated color temperature) of 5000K and a typical CRI of 70. LEDs are 100% mercury and lead free.

**Electrical:** Dual power supplies feature a Power Factor of .9 and <20% Total Harmonic Distortion (THD). EMC meets or exceeds FCC CFR Part 15 Class A. Power supply produces a maximum drive current of 325mA to optimize LED efficiency and life. Operating temperature rating: -40°F to 122°F (-40°C to 50°C).

**Listings/Ratings/Warranties:** Luminaires are listed by CSA for use in damp/dry locations in the United States and Canada as well as CE listed \*. Five-year limited warranty is standard on all components.

\* Note: CE only 110-220V model

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

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

