LED Corn Light 120W EX39 CCT Selectable 3000K/4000K/5000K 0-10V Dim

OVERVIEW

The 8-E40-CN120-CCT-UD is a 120W LED corn light with an EX39 (mogul extended) base, designed as a direct replacement for 400W MHL, HPS, and HID fixtures in commercial and industrial applications. CCT is field-selectable among 3000K, 4000K, and 5000K via an onboard switch, and the unit accepts both E39 and EX39 sockets. Typical installations include warehouses, parking garages, supermarkets, and enclosed high-bay luminaires.

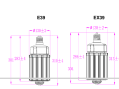
The lamp delivers up to 18,600 lumens at 4000K with an efficacy of 155 lm/W, and maintains a CRI greater than 80 across all color temperatures. Input voltage is 100–277V AC, 50/60 Hz, supporting 0–10V continuous dimming. The driver carries 6kV surge protection (L-N), and the IP64-rated housing suits damp locations. Operating temperature range is -40°C to 50°C. The unit uses Lumileds SMD2835 LEDs mounted on a PC and aluminum housing with a passive heat sink and no cooling fan.

The product is UL and cUL listed. The warranty is five years based on 24/7 operating hours at 25°C in an installed fixture. Installers should bypass or remove any existing ballast prior to installation; the fixture is not compatible with external dimmers despite the integrated 0–10V dimming driver.

SPECIFICATIONS

Power	120 W	**IP rating**	IP64
Luminous flux	[object Object] lm	**Input voltage**	100-277VAC 50/60Hz V
CCT	3000,4000,5000 K	**Weight**	1.6 kg
CRI	80	**Warranty**	5 y
Beam angle	285 deg	**Operating temp**	[object Object] °C

DIMENSIONS


E39
EX39
Φ39.0±0.5
Φ39.0±0.5
Φ39.0±0.5

CERTIFICATIONS & COMPLIANCE

UL Listed

Specifications subject to change without notice.