# STEP 1 DEZIGNS
## LIGHTING INNOVATION

# EL-SQ-xxK-16 LED Flexible Squid Lights

## SPECIFICATION SHEET

## DESCRIPTION

LED Flexible Squid Lights are ideal for displays, exhibitions, under-cabinet, cove, and outdoor lighting applications. It gives you the free-dom to easily design and install lighting for almost any surface or object with even lighting illumination and no hot spots. This LED Flexible Squid light is energy efficient with uniform illumination output. Available to order in 3000k, 4000k, or 6000k color temperatures. Sold in 16 ft reels.

## SPECIFICATIONS

| | |
|---|---|
| **Brightness:** | 500 Lumens/ft |
| | 1640 Lumens/meter |
| **Power (Watts):** | 6 watt/ft |
| | 18 watt/meter |
| **Input Voltage:** | 24V DC |
| **LED CCT:** | 6000K Cool White |
| | 4000K Natural White |
| | 3000K Warm White |
| **# of LEDs:** | 42 LEDs per meter |
| **LED Chip Size:** | SMD2835 |
| **CRI:** | 90+ |
| **IP Rating:** | IP65 |
| **Environment:** | Wet or Dry Location |
| **Beam Angle:** | 35° |
| **Length:** | 16.4 ft / 5 meters long |
| **Width:** | 0.78 in / 20mm wide |
| **Height:** | 0.62 in / 16 mm thick |
| **Cut Increment:** | 6.5 in / 165 mm at cut marking |
| **Mounting:** | Surface Mount with 3M Adhesive |
| **Manufacturer:** | Elumalight |
| **Rating:** | UL, ETL, RoHS |
| **Avg. Lifetime:** | ± 30,000 - 50,000 hours |
| **Warranty:** | 3 years limited |
| **Power Supplies:** | 24V DC Drivers (sold separately) |

## KEY FEATURES

- Maintenance-free
- Solid-State Construction
- High shock and Vibration Resistance
- LED Chips are high intensity, ultra-bright, and energy-efficient
- No RF interference
- Up to 50,000 hours Lifespan
- UL, ETL Listed

## APPLICATIONS

- Decorative Lighting for Tradeshows, Exhibition, Retail Displays
- Architectural lighting for corridors, canopies, archways, or windows
- Downlighting or Uplighting Applications
- Backlighting or Edge-Lighting
- Under-cabinet, Under-Counter, or cove lighting
- Custom DIY projects

90+ CRI | OUTDOOR | WET rated | FIELD CUTTABLE | DIMMABLE | 50,000 HOURS