

# EcoPHOT™ LED Gooseneck Illuminator



The EcoPHOT™ LED series Gooseneck Illuminators set the standard for a new generation of LED gooseneck LAB illumination. Designed utilizing the industry's highest performing high-output LED's, the EcoPHOT™ LED offers nearly the same output as traditional 150 watt halogen based illuminators with gooseneck fibers but using 80% less energy and requiring no lamp changes.

Designed for optimal thermal management to maximize reliability and optical performance, the EcoPHOT™ LED provides exceptional stability, uniformity and a consistent color temperature compared to traditional EKE light sources.

## Benefits include:

- Performance of typical 150 watt Halogen Illuminators; High output , Consistent Color, Longer Life, 80% Less Energy Consumption and Reduced Ownership Costs (conversion from halogen ROI in 1-3 years!)
- Advanced Optical Design, Highest quality LEDs Using Metal Core PCB's
- Precision Engineered Cooling for Silent, Vibration-free Operation
- Sealed to Prevent Liquid Intrusion for Increased Safety and Reliability
- Maintenance Free LED's Have a Lifetime of >25,000 Hours
- Eliminates 100's of Lamp Replacements (EKE/EJA Halogen lamps)



Custom engineered solutions are also available. Contact us for more details.

## Additional Features and Benefits:

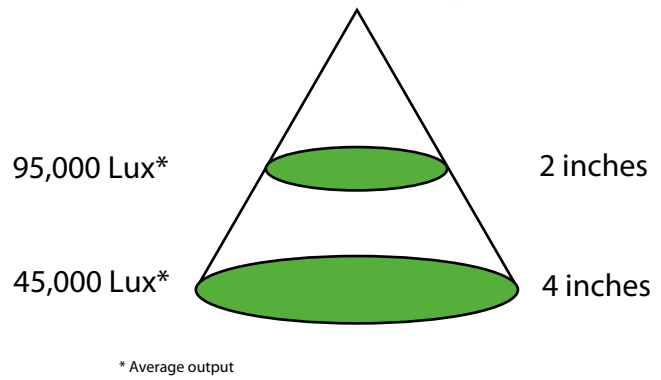
- Consistent Color Temperature: 5500°K, 5000°K or 3400°K (halogen equiv.) choices available
- Small Footprint and Rugged Stainless Steel and Aluminum Housing is Exceptional for Laboratory demands
- Linear Light Intensity Control with Continuous Dimming and no color shift or flickering
- Integrated AC Power Cord Wrap for 120 vac Operation - AC Integrated Model
- Universal Power Supply for Worldwide Operation (90 - 250 vac 50/60 Hz) - DC Remote Power Model
- Manufactured for Nyoptics by a world leader in illumination technologies
- Stable, Non-tipping Design with No-Mar Base; Black Electro-plated 16" Goosenecks
- Fully Sealed Top and LED Heads for No Liquid Intrusion (IP54 equiv)
- Ideal light source for photomicrography eliminating constant white balance corrections



### Technical Data:

Color Temperature	
Cool White	5500 K
Warm white	3400 K
AC Model input	120 VAC, 50-60 Hz
DC Model input	96-264 VAC, 50-60 Hz
Power	12 Watts (Max)
Lifetime	Minimum 25,000 hours Typical 50,000 hours
Dimensions:	4"Diameter x 3.5" Tall
Unit Weight	7 lbs
Warranty	1 year

### Lux Distribution:

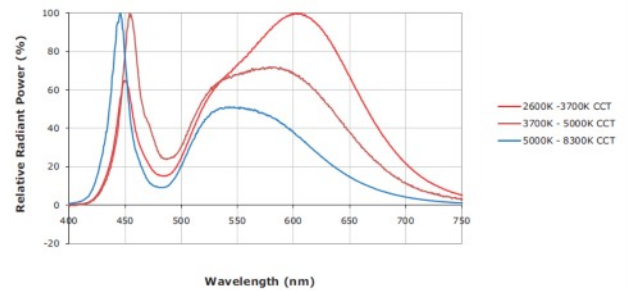


### EcoPHOT LED Selection Guide

Example: EGDDA = Daylight Dual Goose - AC

- E** | **Model Name**  
EcoPHOT LED Gooseneck
- D** | **Gooseneck Model**  
D = Dual Light Guide  
S = Single Light Guide  
Z = Custom (Call for Options)
- D** | **Corrected Color Temperature**  
C = Cool White (5500 K)  
D = Daylight (5000 K)  
W = Warm White (3400 K)  
Z = Custom (Call for Options)
- A** | **Model**  
A = AC input  
D = Remote DC

### Relative Spectral Power Distribution



DC remote power model

