

EcoPHOT™ LED Gooseneck Illuminator

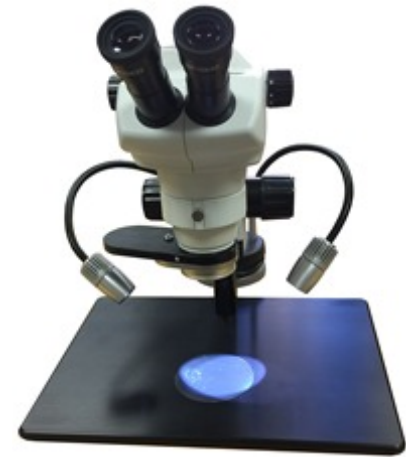


The EcoPHOT™ LED series Gooseneck Illuminators set the standard for a new generation of LED gooseneck LAB illumination. Designed utilizing the industry's highest performing high-output LED's, the EcoPHOT™ LED offers the equivalent output of traditional 150 watt halogen based illuminators with gooseneck fibers but using 85% 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, 85% 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 >50,000 Hours
- Eliminates 100's of Lamp Replacements (EKE/EJA Halogen lamps)



SZ645 with EcoPHO LED, LAB stand and exclusive 2 position auxiliary objective changer

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

Additional Features and Benefits:

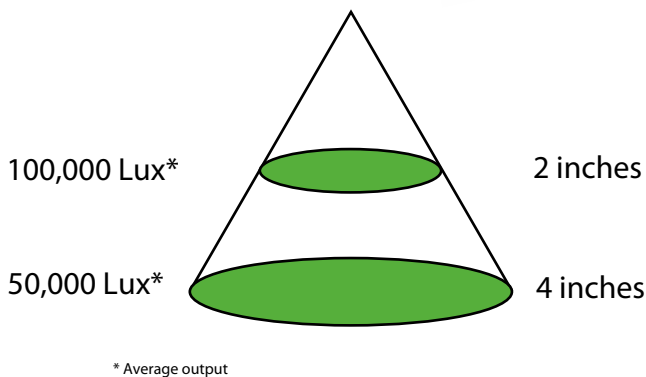
- Consistent Color Temperature: 5500°K, 5000°K or 3400°K (halogen equiv.) choices available
- Small Footprint and Rugged Stainless Steel and Aluminum Housing is Exceptional for Laboratory demands
- Touch Intensity Control for ON/OFF/Dimming (5%-100% continuous) and no color shift or flickering
- Integrated AC Power Cord Wrap for 120 vac Operation - AC Integrated Model
- Universal Wall 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 18" Goosenecks
- Fully Sealed Top, touch control, 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:	4.75" Dia x 2" Tall
Unit Weight	7 lbs
Warranty	1 year

Lux Distribution:



EcoPHOT LED Selection Guide

Example: EGDDA = Daylight Dual Goose - AC

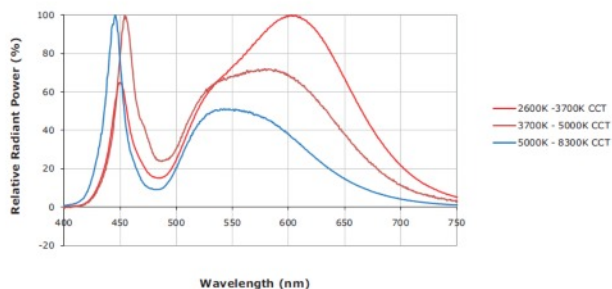
E | Model Name
G | EcoPHOT LED Gooseneck

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 = External DC
(Supply included)

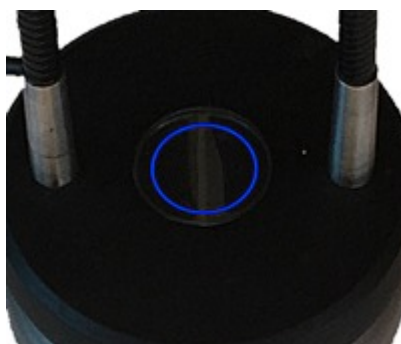
Relative Spectral Power Distribution



AC with cord wrap model



DC remote power model



Illuminated Touch Control

