

# ProLux LED Illuminator



The ProLux LED Illuminator sets the standard for a new generation of LED Fiber Optic Illuminators. Harnessing the energy of the industry's highest performing high-output LED's, the ProLux LED is as bright or brighter than traditional illuminators, making it a logical alternative to existing halogen technologies.

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

## Benefits include:

- Exceeds Performance of 150 watt Halogen Illuminators; Higher output , Consistent Color, Longer Life, 50-80% Less Energy Consumption and Reduced Ownership Costs (conversion from halogen [ROI](#) in 1-3 years!)
- Advanced Heat Pipe Technology Using Metal Core PCB's
- Superior, Precision Engineered Cooling for Extremely Quiet Operation
- Low Energy Consumption Increases Safety and Reliability
- Maintenance Free LED's Have a Minimum 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:

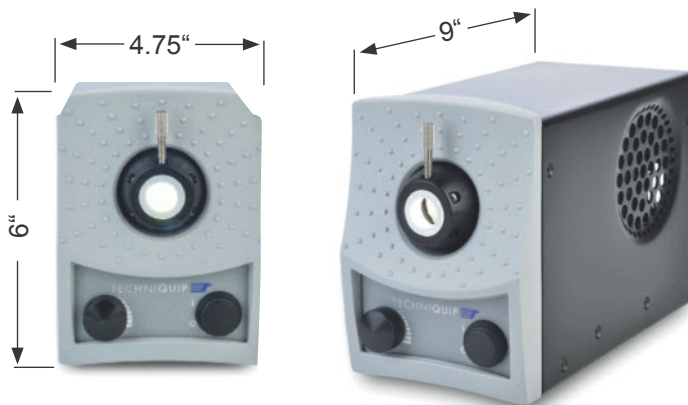
- Consistent Color Temperature (5500°K, 4500°K, or 3200°K choices available)
- Small Footprint and Rugged Housing is Suitable for Mounting and Stacking in Space Constrained Environments
- Linear Light Intensity Control with Continuous Dimming and no color shift or flickering
- Accepts Virtually any Light Guide with Quick Change Adapters
- Universal Power Supply for Worldwide Operation (90 - 250 vac 50/60 Hz)
- Manufactured for Nyoptics by Techniquip Corp., a world leader in illumination technologies
- Remote Control Options Available (RS-232, RS-485, DMX, and 0-5 VDC)
- Optional Backlit Display for Performance Measurement, Light Intensity, Operating Hours and Troubleshooting Features



## Technical Data:

Color Temperature	
Daylight	6000 K
Cool White	4500 K
Warm white	3200 K
Voltage	96-264 VAC, 50-60 Hz
Power	80 Watts (Max)
Lifetime	Minimum 25,000 hours Typical 50,000 hours
Dimensions:	6"L x 4.75"W x 9" D
Unit Weight	7 lbs
Warranty	1 year

## Dimensions:



## ProLux LED Selection Guide

**P**  
**L**

**Model Name**  
ProLux LED

**D**

### Corrected Color Temperature

D = Daylight (6000 K)  
C = Cool White (4500 K)  
W = Warm White (3200 K)  
Z = Custom (Call for Options)

**M**

### Control Panel

M = Manual  
U = Digital

**X**

### Remote

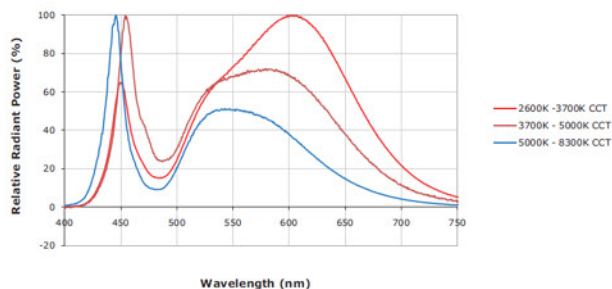
X = None  
2 = RS-232 (Requires Digital Panel Above)  
4 = RS-485 (Requires Digital Panel Above)  
6 = DMX (Requires Digital Panel Above)

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### Nosepiece

X = None (1" opening)  
1 = 0.187"  
2 = 0.312"  
3 = 0.500"  
4 = 0.562"  
5 = 0.588"  
6 = 0.625" (Standard)  
7 = 0.718" (FOSTEC)  
8 = 0.750"  
9 = ACMI

## Relative Spectral Power Distribution



Wavelength (nm)



Fiber Optic Cables Sold Separately

**ISO**  
**9001**  
**QUALITY**  
ASSURANCE



MADE IN U.S.A