JR Instruments ProLux LED Illuminator sets the standard for the new generation of LED Fiber Optic Illuminators. Harnessing the power of the industry’s highest performing high-output LED’s, the ProLux LED is as bright or brighter than traditional illuminators, making it a viable alternative to existing halogen tech.

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

Benefits include:
- Exceeds Performance of 150w Halogen Illuminators; Higher Brightness, Better Color, Longer Life, Half the Energy Consumption and Reduced Ownership Costs
- 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

Additional Features and Benefits:
- Consistent Color Temperature (Several Options Available)
- Small Footprint and Rugged Housing is Suitable for Mounting and Stacking in Space Constrained Environments
- Linear Light Intensity Control with Continuous Dimming
- Accepts Virtually any Light Guide with Quick Change Adapters
- Universal Power Supply for Worldwide Operation
- 1 Year Warranty
- Remote Control Options Available (RS-232, RS-485 and DMX)
- 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
Lifetime  Minimum 25,000 hours
          Typical 50,000 hours
Dimensions:  6”L x 4.75”W x 9”D
Unit Weight  7 lbs

ProLux LED Selection Guide

Model Name
ProLux LED

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

Control Panel
M = Manual
U = Digital

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

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

Nameplate
TQ = TechniQuip
NN = No Name

Fiber Optic Cable Sold Separately