



# PROLINE 80 RING ILLUMINATOR



# TECHNIQUIP

## KEY FEATURES

- 80 Powerful high precision aligned LEDs
- Choice of Daylight, Cool White, Warm White or Ultraviolet LEDs
- Supplied with 8 quadrant controller and auto voltage sensing power supply
- Machined aluminum alloy housing for durability
- Fully adjustable dimming control
- Supplied with 3 soft tip mounting screws
- 360 Degree shadow-free illumination
- Silent vibration free operation
- Instant on performance
- Standard model fits 1.25" to 2.6" (66mm) lenses
- Adaptable for machine vision applications

## THE PROLINE 80 LED RING LIGHT

The PROLINE 80 is designed with an inner and outer ring populated by 80 high quality, extremely bright, white LED's. The inner and outer rings of LED's are set at different angles to create uniform illumination across a wide range of working distances. Each ring and LED segment can be independently controlled using TechniQuip's advanced eight segment LED controller. Dual dimming controls provide maximum color stability at all dimming levels. CNC-machined from a solid block of aluminum alloy allowing optimal thermal management and performance in a rugged, attractive package. The PROLINE 80 comes standard with a universal power source for worldwide operation.

The PROLINE 80 is designed and manufactured to the exacting standard that have made TechniQuip an industry leader in microscopy ring lights. Manufactured in TechniQuip's own Pleasanton, California factory, the PROLINE 80 is backed by the great service and warranty that have made TechniQuip the first choice for OEM equipment, semiconductor fabs, machine vision, laboratories, and other "mission critical" applications.

## TECHNICAL SPECIFICATIONS: PROLINE 80



Number of LEDs	80
Inside Ring Diameter	2.63 inch (66 mm)
Outside Ring Diameter	4.11 inch (105 mm)
Height	1.02 inch (26 mm)
Cable Length	6 feet

Working Distance (inches)	Flourescent Ring	LED 40 Ring	LED 80 Ring	150 watt Fiber Optic Ring
3.5	1020	4010	4280	10030
4.0	850	4030	5300	8230
4.5	700	3600	5800	6450
5.0	570	3120	5700	5400
5.5	500	2650	5400	4400
6.0	140	2190	5010	4020

### ESD MODELS

Proprietary metal finishing provides a superior ESD finish

Machined aluminum alloy controller

Shielded interconnect cable

Professional ESD tether grounding strap with coiled retractable cable included (10mm snap)

### SHIPPED READY TO USE

The PROLINE 80 consists of four components:

One LED 80 Ring, One 8 quadrant controller and One AC/DC Switching Adapter; HDMI cable

Input: 100-240V - 50/60 Hz, 0.5A  
Output: 24V -0.75A, 18W Maximum

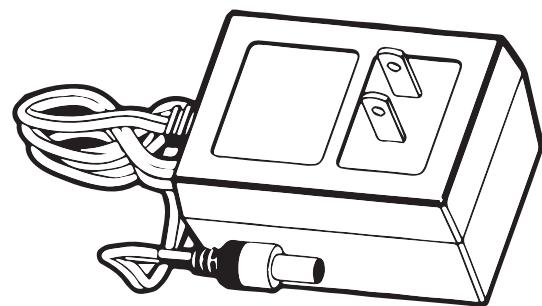
## CUSTOM SOLUTIONS IN LIGHTING

TechniQuip offers custom solutions in precision lighting devices, LED ring lights, LED light sources, halogen light sources, fiber optic rings, fiber optic cables, goose-necks, cross-hair generators, optical inspection systems, CCD video cameras, optics and adapters for all of your microscope needs.

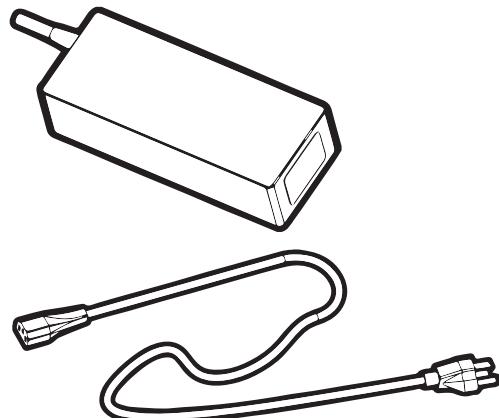
Call or E-mail us today if you would like discuss our specialized turnkey services in design, R&D, and production. We guarantee all of our products.

## SELECTION GUIDE: PROLINE 80

- P** — MODEL NAME  
P8 = 80 LED ProLine
- 8** — INSIDE DIAMETER (MM)  
66 = 66mm (80 LED ProLine)  
Before any reducing adapters are added)
- 6** — CORRECTED COLOR TEMPERATURE  
D = Daylight ~ 5000 -9000 CCT  
C = Cool White ~ 4000-4900 CCT  
W= Warm White ~ 2750 - 3400 CCT  
Z = UV Custom  
(See Last Item In Selection Guide)
- D** — BEAM ANGLE  
S = Standard (Short and Long W.D.)
- 8** — SEGMENT CONTROL  
8 = 8 (Inner and outer 90 degree segments)
- X** — ESD COMPLIANT  
X = None  
E = ESD Compliant
- X** — REMOTE CONTROL  
X = Not Available
- W** — POWER CONVERTER  
W = Wall type with USA Plug (100-240 VAC,50-60Hz, 0.5A)  
U = International Desk Top Auto Voltage Sensing Power Supply
- W** — OPTIONAL  
Specify Power Cord Option When Ordering International Table Top Power Supply:  
K=USA, A= Euro, C= Australia, D=UK, H= Israel, L= Switzerland
- X** — CUSTOM (SPECIFY INNER AND OUTER RING AND COLOR TEMPERATURE)  
UV = 80 UV LED's  
UV-D = 40 Inner Ring UV, 40 Outer Ring (D)Daylight, (W) Warm White or (C) Cool White. (For Short W.D. UV Work)  
D-UV = 40 Inner Ring (D) Daylight, (W) Warm White or (C)Cool White, 40 Outer Ring UV. (For Long W.D. UV Work)
- X** —
- X** —
- X** —



(W) USA Wall Mount Switching  
Plug-In-Power Supply  
25% More Efficient  
50% Smaller, 70% Lighter  
Than Traditional Linear Power Supplies



(U) International Table Top Auto  
Voltage Sensing Power Supply  
Specify Cord option when ordering  
See last item on selection guide