



PROLINE 80 RING ILLUMINATOR



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

6

INSIDE DIAMETER (MM)

66 = 66mm (80 LED ProLine)

6

Before any reducing adapters are added)

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

S

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)

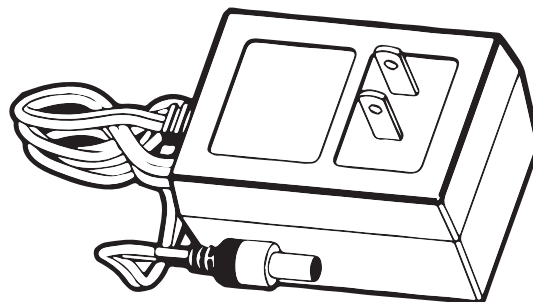
UV = 80 UV LED's

X

UV-D = 40 Inner Ring UV, 40 Outer Ring (D)Daylight, (W) Warm White or (C) Cool White. (For Short W.D. UV Work)

X

D-UV = 40 Inner Ring (D) Daylight, (W) Warm White or (C)Cool White, 40 Outer Ring UV. (For Long W.D. UV Work)

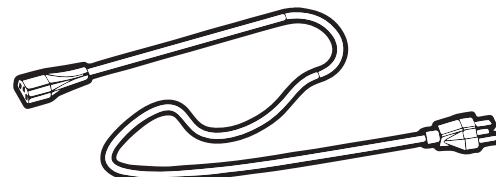
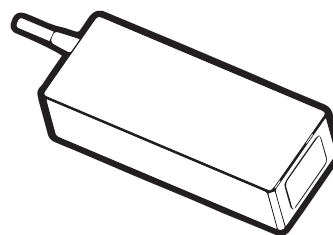


(W) USA Wall Mount Switching Plug-In-Power Supply

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