



# PROLINE 30 RING ILLUMINATOR



# TECHNIQUIP

## KEY FEATURES

- 30 Powerful high precision aligned LEDs
- Choice of Daylight, Cool White, Warm White or Ultraviolet LEDs
- Supplied with 3 quadrant controller and auto voltage sensing power supply
- Machined aluminum alloy housing for durability
- Fully adjustable dimming control
- 360 Degree shadow-free illumination
- Silent vibration free operation
- Instant on performance
- Standard model fits 0.5" to 1.7" (44mm) lenses
- Adaptable for machine vision applications

## PROLINE 30 RING ILLUMINATOR

The PROLINE 30 LED ring light is specifically designed to fit zoom and fixed optics commonly used for machine vision and advanced imaging applications.

Designed and manufactured to the exacting standards that have made TechniQuip an industry leader in microscopy ring lights, the PROLINE 30 delivers powerful, microscope quality white light from the precision aligned LED array. Our CAD designed ring light system contains 30 high quality, exceptionally bright white LEDs housed in an attractive black anodized aluminum enclosure. The PROLINE 30 offers outstanding illumination performance and maximum energy savings.

Our advanced three button LED controller utilizes a proprietary constant current design to provide maximum light output with long life and no color shift when dimming. The PROLINE 30 comes standard with a universal power source for worldwide operation.

Manufactured in TechniQuip's own Pleasanton, California factory, the PROLINE 30 is backed by the great service and warranty that have made TechniQuip the first choice for OEM's, laboratories, and other "mission critical" applications.

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## TECHNICAL SPECIFICATIONS: PROLINE 30



Number of LEDs	30
Inside Ring Diameter	1.7" (44 mm)
Outside Ring Diameter	2.9" (67 mm)
Height	1.0" (26 mm)
Cable Length	6 feet

COMMON	MODELS
P344DS3XXW	PROLINE, 44 mm I.D., Daylight
P344CS3XXW	PROLINE, 44 mm I.D., Cool White
P344WS3XXW	PROLINE, 44 mm I.D., Warm White
P344US3XXW	PROLINE, 44 mm I.D., UV

Minimum Working Distance (Dark Spot Disappears)	2.0" (50 mm)
Ideal Working Distance (Max Illuminance/Even Illumination)	2.5" (63 mm)
Maximum (Effective) Working Distance	4.0" (100 mm)

SHIPPED READY TO USE
The PROLINE 30 consists of three components:
One LED 30 Ring, One 3 Quadrant Controller and One AC/DC Switching Adapter:
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.

## TECHNICAL SPECIFICATIONS: PROLINE30

**P** Model Name  
3 P3 = (PROLINE 30)

**4** Inside diameter (mm)  
4 44 = (PROLINE 30)  
**4** (Before any reducing adapters are added)

**D** Corrected Color Temperature  
D = Daylight ~ 5000 -9000 CCT  
C = Cool White ~ 4000-4900 CCT  
W= Warm White ~ 2750 - 3400 CCT  
U = UV

**S** Beam Angle  
S = Standard

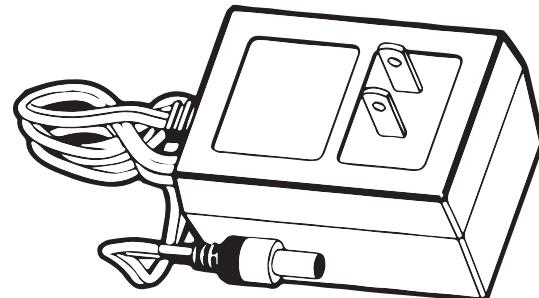
**X** Segment Control  
3 = 3 (Three 120 degree segments, P30 only)

**X** ESD Compliant  
X = None

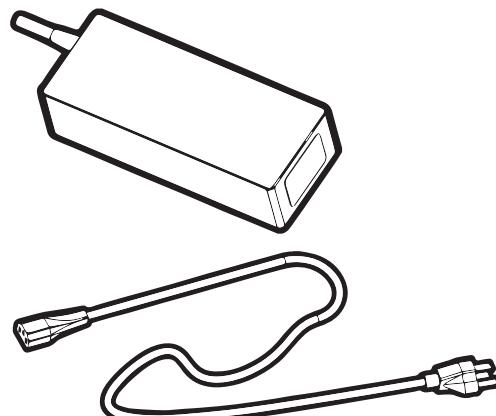
**X** Remote Control  
X = Not Available

**X** Power Converter  
W = Wall Type With USA Plug (100-240 VAC,50-60Hz, 0.5A)  
U = International Desk Top Auto Voltage Sensing Power Supply  
Specify Cord Options Below

**X** Optional  
Specify Power Cord Option When Ordering International Table Top Power Supply:  
K=USA, A= Euro, C= Australia, D=UK, H= Israel, L= Switzerland



(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