



ProLine 80 XHDMI LED Ring Illuminator

TechniQuip's ProLine 80 is a high intensity LED ring light for microscopes.

The ProLine 80 is an ideal choice for customers needing additional optical power, precise control, a rugged housing, remote control, or more than 1 type of LED.

NOTE: TechniQuip manufactures two versions of the ProLine 80 Series.

This datasheet describes the XHDMI version which has a tethered 9 conductor Mini-DIN cable.



**ALUMINUM
HOUSING**



**ESD SAFE
(OPTIONAL)**



**ULTRAVIOLET
(OPTIONAL)**



**ULTRAVIOLET
(OPTIONAL)**



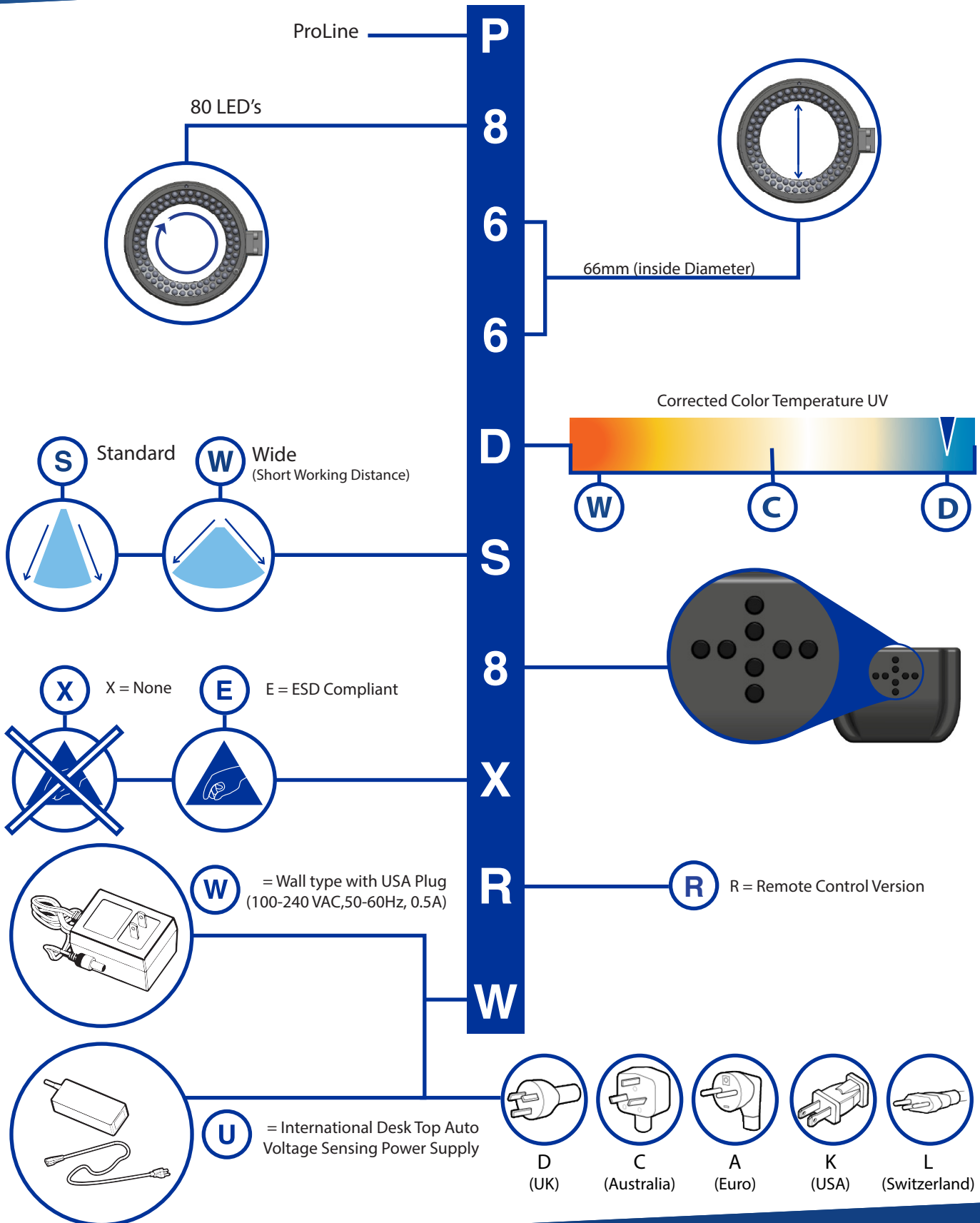
**CHANNELS
(STANDARD)**



**TWIN DIMMERS
(STANDARD)**



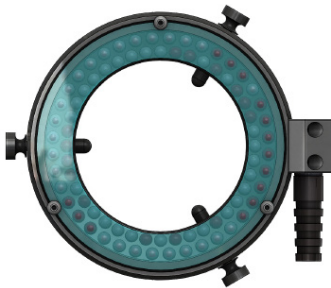
**FOCUSED
CONE**



VERSATILE RING DESIGN

Shown with optional
Splash Guard

ProLine 80 Gives you the option of populating any of the (8) Quadrants with different LED's enabling you to engineer an ideal lighting solution.



Type	Inner	Outer
Standard	White	White
Dual Wavelength	Ultraviolet	White
Asymmetric	N/S White - E/W Ultraviolet	N/S White - E/W Ultraviolet
Short Focal Length	Short Working Distance	Standard Working Distance



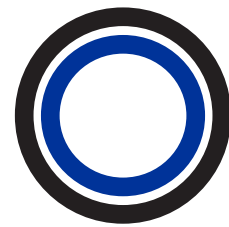
Symmetric
(All LED Quadrants turned on)



Asymmetric
(Opposing Quadrants)



Symmetric
(Opposing Halves)

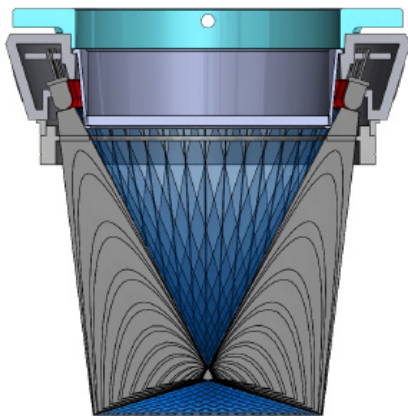
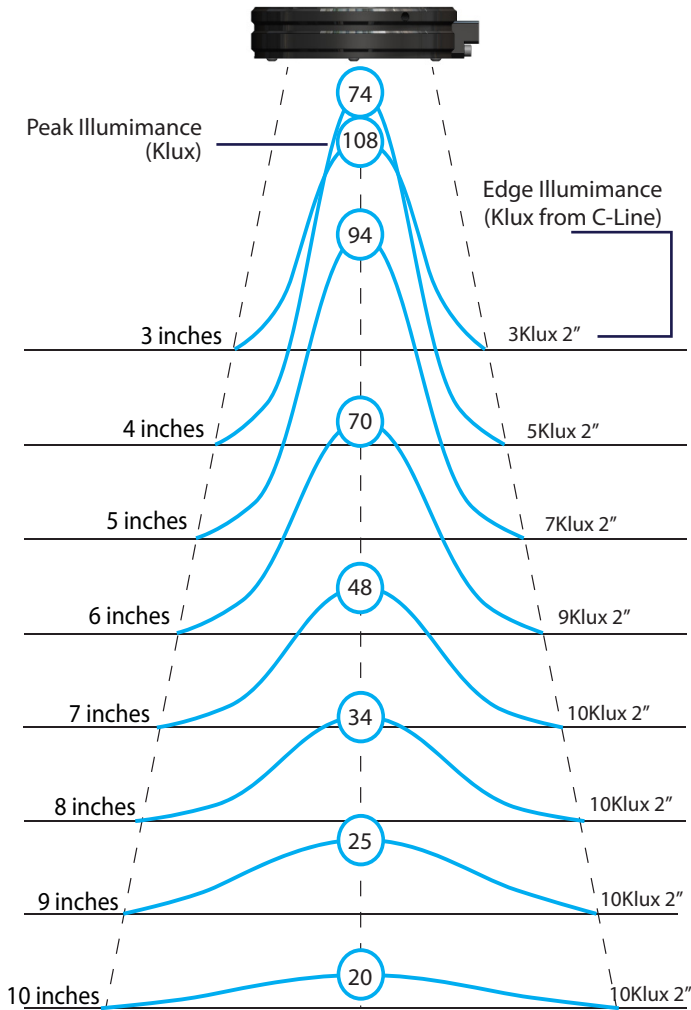


Symmetric
(Inner or Outer Quadrants)

Shown with optional
Splash Guard



Illuminance Profiles at Various Working Distance



LED LIGHTING FACTS

Light Output (Lumens)	500
Watts	5
Color Accuracy	90+

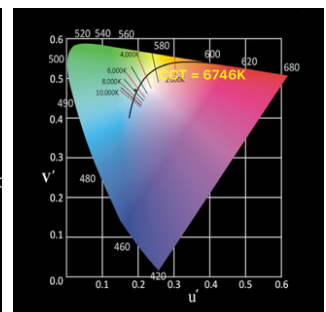
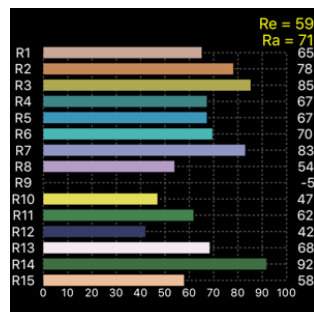
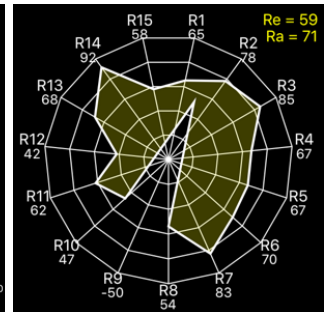
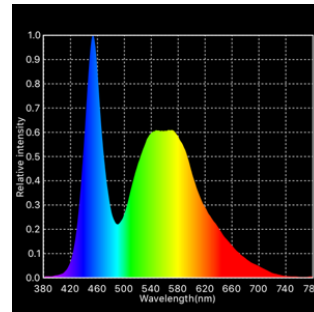
Various CCT, Colors Available

Correlated Color Temperature (CCT)



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

Data Below is for Daylight White
Consult TechniQuip for Others



AT THE FOREFRONT OF MODERN LIGHTING

Lighting is the midst of a dramatic renaissance - virtually all legacy technologies are falling away in favor of high-efficiency LED solutions. This product is on the forefront of that shift - replacing a halogen / fiber solution that has been the industry standard for the last 40 years.

TECHNIQUIP CORPORATION

Your company's success likely depends on the need to critically control a key aspect of lighting, no matter if that's frequency, color, intensity, uniformity, stray light, or some other factor. Or maybe you just need a durable and reliable product that will stand out in the ocean of poorly constructed / disposable products. Few companies other than TechniQuip work as hard to design and manufacture, here in the United States, the precision lighting you need.