

# KeyPro™ Explorer UVC LED Evaluation Kit



An EXCELITAS TECHNOLOGIES Company

## Product Specifications

The KeyPro™ Explorer is intended for preliminary evaluation of UVC LED technology for various applications. The KeyPro Explorer is a compact, air-cooled, UVC LED system that is the perfect stepping stone to investigate new applications using UVC light. KeyPro Explorer is a critical device in the toolbox to help scientists conduct directional studies, determining the suitability of UVC light for specific applications, building the specifications for a complete system, and more.



## Intended Uses

- Familiarize yourself with UVC light, its properties, and functions
- Develop and test applications using real UVC light
- Research effects of UVC light on surfaces and materials
- Define specifications for larger system
- Study disinfection, photochemical reactions, curing, and more

## KeyPro Benefits

- Small footprint and air cooling make it easy to use
- Up to 80% power and heat savings compared with mercury based lamps
- Instant on/off
- Mercury-free

## Technical Specifications

KeyPro Evaluation Kit	
Equipment Type	Laboratory Test, Measurement, and Control Equipment indoor use only
Wavelength	UVC (275nm)
Safety Info on UVC	Warning RISK GROUP 3 UV EMITTED FROM THIS PRODUCT. Avoid eye and skin exposure to unshielded product.
Peak Irradiance	0.5W/cm2
Kit Items	KeyPro Light Source, Power Supply, Safety Glasses
Temperature	15°C to 30°C
Humidity	up to 80% non-condensing for temperatures up to 30°C
Altitude	up to 3,000M (9,850 ft)
Sound Level	<= 60dBA
Surface Temperature	<= 40°C
Startup-time	< 30 sec
Dimensions (LxWxH)	65x30x92mm
Emitting Window	25x10mm
Weight	.23Kg; .5 lb
Power Requirements	+48 ± 1 VDC, up to 0.83A (40W max)
Air Input / Exhaust	Allow minimum 50mm (2 in)
Certifications	RoHS, REACH