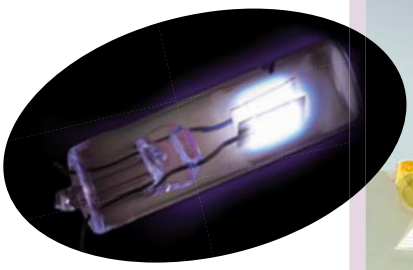
JKL® COMPONENTS CORPORATION

ULTRAVIOLET DESIGN KIT

JKL's UV Kit GB-UV2 provides a range of components needed for product development of equipment utilizing UVA and UVC light sources. The kit is especially intended for designers that are seeking small-scale UV sources for confined space applications ranging from disinfection chambers, biological analysis to document authenticity and security ink recognition.



ULTIMATE KIT FOR UV DESIGNERS



- Medical & Dental
- Pharmaceutical
- Security
- Handheld Sterilization

JKL's UV design kit includes an assortment of both UVA (365nm) and UVC (254nm) low pressure CCFL lamps and LEDs along with inverters and drivers required to operate the light sources.



KIT CONTENTS INCLUDE

GB-UV2 KIT



- Handcrafted wooden case
- 19 different Ultraviolet lamps of various shapes and sizes
- 4 different UV LED sources, including a 4"12V 6W LED Bar
- Inverters and drivers to operate the lamps and LEDs
- Safety glasses and warning stickers
- Hookup wire and end fittings for the lamps

UVC
100 nm - 280 nm

PRIMARY USES

- Sanitize air, water and surfaces
- Inactivate bacteria and viruses
- Sterilization of medical tools
- Treatment of skin disorders
- Hardening of adhesives and coatings
- Disinfection of water and sewage

UVB
280 nm - 315 nm

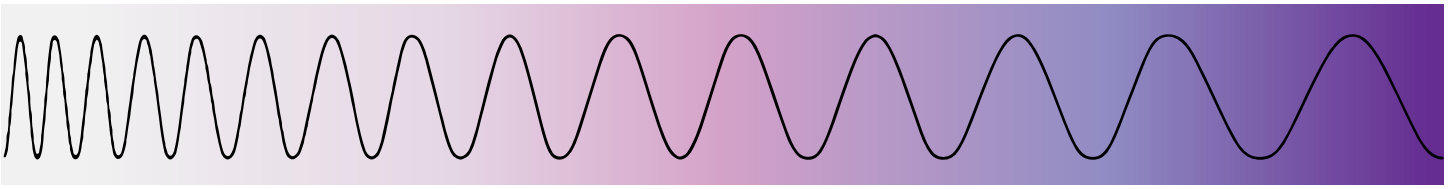
PRIMARY USES

- Suntanning tubes
- Reptile aquariums
- Polymer and ink curing

UVA *Blacklight Blue*
315 nm - 405nm

PRIMARY USES

- Fluorescence of organic matter
- Forensics
- Document authenticity
- Special Effects
- Hobbies



CAUTION: *Eye and Skin protection necessary when working with UVC*

JKL ULTRAVIOLET DESIGN KIT

Part Number	UV Spectrum	Size	BXA-12529	BXA-24529	UV1/K0027A	7027-D-150	Compatible Inverters/Drivers	Kit Quantity
BF325-UV1	UVA LAMP 365nm	3mm X 25mm BLB Glass	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V)	2
BF350-UV351	UVA LAMP 351nm	3mm X 50mm BLB Glass	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V)	2
BF350-UV1	UVA LAMP 365nm	3mm X 50mm BLB Glass	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V)	2
BF3120-UV1	UVA LAMP 365nm	3mm X 120mm BLB Glass	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V)	2
BF3130-UV310	UVB LAMP 310nm	3mm X 110nm Hard Glass with phosphor- No Ozone	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V)	2
BF3150-UV1	UVA LAMP 365nm	3mm X 150mm BLB Glass	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V)	2
BF3221-UV1	UVA LAMP 365nm	3mm X 221mm BLB Glass	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V)	2
BF4U70-UVC	UVC Lamp 254nm	4mm X 70mm U shape , Hard Glass Clear, Germicidal	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V) Note: tie together both outputs for 10mA operation	2
BF4U150-UVC	UVC Lamp 254nm	4mm X 150mm U shape, Hard Glass Clear, Germicidal			X		Enclosed UVI/K0027A (24V)	2
BF4U240-UVC	UVC Lamp 254nm	4mm X 240mm U shape, Hard Glass Clear , Germicidal			X		Enclosed UVI/K0027A (24V)	2
BF470-UVC	UVC Lamp 254nm	4mm X 70mm, Hard Glass Clear, Germicidal	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V) Note: tie together both outputs for 10mA operation	2
BF4150-UVC	UVC Lamp 254nm	4mm X 150mm, Hard Glass Clear, Germicidal			X		Enclosed UVI/K0027A (24V)	2

JKL ULTRAVIOLET DESIGN KIT

Part Number	UV Spectrum	Size	BXA-12529	BXA-24529	UV1/K0027A	7027-D-150	Compatible Inverters/Drivers	Kit Quantity
BF4240-UVC	UVC Lamp 254nm	4mm X 240mm, Hard Glass Clear, Germicidal			X		Enclosed UVI/K0027A (24V)	2
BF8100-UVC	UVC Lamp 254nm	8mm X 100 mm, Hard Glass Clear, Germicidal	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V)	2
BF1190-UVC/1	UVC Lamp 254nm + 185nm	11 X 90mm Quartz Glass, Clear Germicidial +Ozone	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V)	2
BF3245-UVC	UVC Lamp 254nm	3mm X 245mm, Hard Glass Clear, Germicidal	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V)	2
BF727-UVC	UVC Acorn Shape lamp 254nm	7mm X 28mm, Hard Glass Clear, Germicidal						2
BF450-UVC	UVC Lamp 254nm	4mm X 50mm UVC, Hard Glass Clear, Germicidal	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V)	2
BF425-UVC	UVC Lamp 254nm	4mm X 25mm UVC, Hard Glass Clear, Germicidal	X	X			Enclosed BXA-12529(12V) or BXA-24529 (24V)	2
BF4.0/RC	4mm End caps	Rubber End caps for 4mm diameter UV Lamps						10
BXA-12529	Lamp Inverter	12V with dual 5mA outputs for operating select UV Lamps at 12V						4
BXA-24529	Lamp Inverter	24V with dual 5mA outputs for operating select UV Lamps at 24V						2
UVI/K0027A	Lamp Inverter	24V 15mA Inverter for operation of 4mm X 150 and 4mm X 240 models						2

JKL ULTRAVIOLET DESIGN KIT

Part Number	UV Spectrum	Size	BXA-12529	BXA-24529	UV1/K0027A	7027-D-150	Compatible Inverters/Drivers	Kit Quantity
ZRS-10100-UVC	UVC LED BAR 270nm	12V 6W LED 4" Bar					12VDC Operation - No driver required	1
Z-112-UV	UVA LED 395nm	T-1/3mm LED 3.5V Dual Pin					3.5VDC Operation - No driver required	5
LE-0503-03UV	UVA LED 405nm	T-3 1/4 Wedge Base 405nm LED : Provided in 2964-8B socket					12VDC Operation - No driver required	2
E320003/A007	UVC LED 275nm	Seoul UVC LED on starboard				X	Enclosed Buck LED Driver 7027-D-150	1
RM-NVSU233B	UVA 365nm SMT	Nichia Surface Mount 3.8V 1000mA 365nm						1
RM-NCSU276C	UVA 365nm SMT	Nichia Surface Mount 3.8V 500mA 365nm						1
RM-NCSU33C	UVA 365nm SMT	Nichia Surface Mount 3.8V 500mA 365nm						1
RM-NSPU510CS	UVA 375nm 5mm	Nichia T-1 3/4 5mm Bi Pin 3.3V 15mA 375nm						2
7027-D-150	BUCK LED DRIVER	5-28V 150mA Buck Driver for Starboard Seoul UVC LED E32003/A007						1
UL3239-24	24 AWG WIRE	10 Ft. White, 10 ft. Pink						1
UVC-WS	UVC Warning Stickers	stickers that caution against direct viewing etc.						4
UVC-SG	UVC Safety Glasses	ANSIZ87.1-2015 rated glasses for use with UVC						1
UV-NG	Nitrile Gloves	For handling UVC						2
UV-DOCPAK	Document Package	With all product spec. sheets						1

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