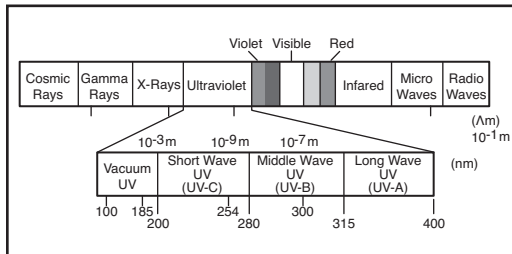


Ultra-Violet (UV) LEDs

RoHS Compliant This product is RoHS compliant.



CAUTION

EMITS ULTRAVIOLET RADIATION!

- This UV LED during operation radiates intense UV light.
- Do not look directly into the UV light during operation. This can be harmful to the body especially eyes and skin, even for brief period due to the intense UV light.
- If viewing the UV light is necessary, please use UV filtered glasses to avoid damage.
- If the UV LED in your product might be viewed directly, please affix a caution label to your product to that effect.

Avoid direct eye and skin exposure to UV light.
Keep out of reach of children.

BIVAR UV LEDs

MOUSER STOCK NO.	Bivar Part No.	Fig.	Package	Wavelength (nm)	Intensity (mcd)	Voltage (VDC)	Viewing Angle	Price Each			
								1	10	50	100
749-SM1206UV-395-IL	SM1206UV-395-IL	A	1206	395	11	3.7	70	2.10	1.95	1.81	1.71
749-SM1206UV-400-IL	SM1206UV-400-IL	A	1206	400	12	3.7	70	2.45	2.10	1.95	1.81
749-SM1206UV-405-IL	SM1206UV-405-IL	A	1206	405	12	3.7	70	2.10	1.95	1.81	1.71

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bivar Part No.	Fig.	Package	Wavelength (nm)	Optical Power Output (mW)		Voltage (VDC)	Viewing Angle	Price Each			
					Min.	Typ.			1	10	50	100
749-UV3TZ-390-15	UV3TZ-390-15	B	T-1	390	5	10	3.4	15°	1.20	1.10	1.05	.95
749-UV3TZ-395-15	UV3TZ-395-15	B	T-1	395	5	10	3.4	15°	1.20	1.10	1.05	.95
749-UV3TZ-400-15	UV3TZ-400-15	B	T-1	400	5	10	3.4	15°	1.20	1.10	1.05	.95
749-UV3TZ-405-15	UV3TZ-405-15	B	T-1	405	5	10	3.4	15°	1.20	1.10	1.05	.95
749-UV3TZ-390-30	UV3TZ-390-30	B	T-1	390	5	10	3.4	30°	1.20	1.10	1.05	.95
749-UV3TZ-395-30	UV3TZ-395-30	B	T-1	395	5	10	3.4	30°	1.20	1.10	1.05	.95
749-UV3TZ-400-30	UV3TZ-400-30	B	T-1	400	5	10	3.4	30°	1.20	1.10	1.05	.95
749-UV3TZ-405-30	UV3TZ-405-30	B	T-1	405	5	10	3.4	30°	1.20	1.10	1.05	.95
749-UV5TZ-390-15	UV5TZ-390-15	C	T-1 3/4	390	10	20	3.4	15°	1.20	1.10	1.05	.95
749-UV5TZ-395-15	UV5TZ-395-15	C	T-1 3/4	395	10	20	3.4	15°	1.20	1.10	1.05	.95
749-UV5TZ-400-15	UV5TZ-400-15	C	T-1 3/4	400	10	20	3.4	15°	1.20	1.10	1.05	.95
749-UV5TZ-405-15	UV5TZ-405-15	C	T-1 3/4	405	10	20	3.4	15°	1.20	1.10	1.05	.95
749-UV5TZ-390-30	UV5TZ-390-30	C	T-1 3/4	390	10	20	3.4	30°	1.20	1.10	1.05	.95
749-UV5TZ-395-30	UV5TZ-395-30	C	T-1 3/4	395	10	20	3.4	30°	1.20	1.10	1.05	.95
749-UV5TZ-400-30	UV5TZ-400-30	C	T-1 3/4	400	10	20	3.4	30°	1.20	1.10	1.05	.95
749-UV5TZ-405-30	UV5TZ-405-30	C	T-1 3/4	405	10	20	3.4	30°	1.20	1.10	1.05	.95

VCC UV LEDs

MOUSER STOCK NO.	VCC Part No.	Fig.	Package	Wavelength (nm)	Intensity (mcd)	Voltage (VDC)	Viewing Angle	Price Each			
								1	10	50	100
593-VAOL3EUV0Y4	VAOL-3EUV0Y4	B	T-1	405	150	3.0	15°	.72	.67	.61	.53
593-VAOL3EUV8Y4	VAOL-3EUV8Y4	B	T-1	385	72	3.0	15°	.86	.79	.75	.69
593-VAOL3GUV0Y4	VAOL-3GUV0Y4	B	T-1	405	120	3.0	30°	.72	.67	.61	.53
593-VAOL3GUV8Y4	VAOL-3GUV8Y4	B	T-1	385	55	3.0	30°	.86	.79	.75	.69
593-VAOL5EUV0T4	VAOL-5EUV0T4	C	T-1 3/4	405	200	3.0	15°	.72	.67	.61	.53
593-VAOL5EUV8T4	VAOL-5EUV8T4	C	T-1 3/4	385	100	3.0	15°	.86	.79	.75	.69
593-VAOL5GUV0T4	VAOL-5GUV0T4	C	T-1 3/4	405	160	3.0	30°	.72	.67	.61	.53
593-VAOL5GUV8T4	VAOL-5GUV8T4	C	T-1 3/4	385	80	3.0	30°	.86	.79	.75	.69

For quantities greater than listed, call for quote.

LUMEX UV LEDs

MOUSER STOCK NO.	Lumex Part No.	Fig.	Package	Wavelength (nm)	Optical Power Output (mW)		Voltage (VDC)	Viewing Angle	Price Each			
					Min.	Typ.			1	10	50	100
696-SSL-LXTO46UV1C	SSL-LXTO46UV1C	D	TO-46	385	2.0	4.0	3.3	18°	10.50	10.25	8.54	7.24
696-SSL-LXTO46UV2C	SSL-LXTO46UV2C	D	TO-46	405	4.0	6.0	3.7	18°	9.52	8.95	5.47	5.17
696-SSL-LXTO46UV3C	SSL-LXTO46UV3C	D	TO-46	415	4.0	6.0	3.3	18°	9.52	8.95	5.47	5.17

For quantities greater than listed, call for quote.

LEDENGIN HIGH-POWER UV LEDs

- Features:**
- Surface mount ceramic package with integrated glass lens
 - Very low Thermal Resistance (3°C/W)
 - JEDEC Level 1 for Moisture Sensitivity Level
 - Reflow solderable (up to 6 cycles)

- Applications:**
- Dental Curing & Teeth Whitening
 - Sterilization & Medical
 - DNA Gel



MOUSER STOCK NO.	Ledengin Part No.	Fig.	Wattage	Wavelength (nm)	Radiant Flux (typ)	Voltage (VDC) (typ)	Current (mA)	Viewing Angle	Price Each			
									1	10	50	100
Emitters												
897-LZ110B200	LZ1-10B200	E	5	395-405	550mW	3.9	700	100°	7.56	7.14	6.72	6.30
897-LZ400UA10	LZ4-00UA10	F	10	395-405	1.9W	15.6	700	175°	87.00	84.00	81.00	78.00
Emitters on Starboard												
897-LZ110UA05	LZ1-10UA05	G	5	395-405	550mW	3.92	700	100°	27.20	25.50	24.65	23.80
897-LZ440U610	LZ4-40U610	H	10	365	500mW	16.4	700	115°	111.65	107.80	103.95	100.10
897-LZC70U600	LZC-70U600	I	40	365	1650mW	49	700	95°	290.00	--	--	--
897-LZC70UA00	LZC-70UA00	I	40	400	5600mW	44	700	95°	155.00	--	--	--
897-LZPD0UA00	LZP-D0UA00	J	90	400	12400	22	700	95°	310.80	--	--	--

For quantities greater than listed, call for quote.

DIMENSIONS: mm

A

B

C

D

E

F

G

H

I

J