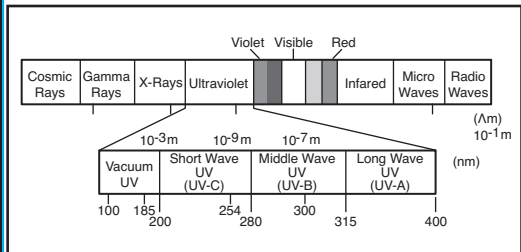


Ultra-Violet (UV) LEDs



This page of product is compliant.



CAUTION

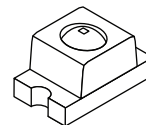
EMITS ULTRAVIOLET RADIATION!

- 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.

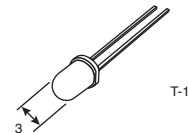
**Avoid direct eye and skin exposure to UV light.
Keep out of reach of children.**

DIMENSIONS: mm

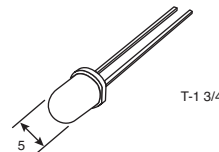
A



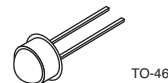
B



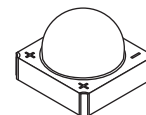
C



D

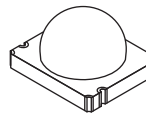


E



4mm x 4mm

F



7mm x 7mm

G



4mm x 4mm
Emitter on Starboard

H



7mm x 7mm
Emitter on Starboard

BIVAR UV LEDs

For quantities of 500 and up, call for quote.

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	3.14	2.45	2.10	1.95
749-SM1206UV-400-IL	SM1206UV-400-IL	A	1206	400	12	3.7	70	3.14	2.45	2.10	1.95
749-SM1206UV-405-IL	SM1206UV-405-IL	A	1206	405	12	3.7	70	3.14	2.45	2.10	1.95

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

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	VCC Part No.	Fig.	Package	Wavelength (nm)	Intensity (mcd)	Voltage (VDC)	Viewing Angle	Price Each			
								1	10	50	100
593-VAOL3EUUV0Y4	VAOL-3EUUV0Y4	B	T-1	405	150	3.0	15°	.71	.67	.62	.55
593-VAOL3EUUV8Y4	VAOL-3EUUV8Y4	B	T-1	385	120	3.0	15°	.87	.82	.76	.69
593-VAOL3GUUV0Y4	VAOL-3GUUV0Y4	B	T-1	405	72	3.0	30°	.71	.67	.62	.55
593-VAOL3GUUV8Y4	VAOL-3GUUV8Y4	B	T-1	385	55	3.0	30°	.87	.82	.76	.69
593-VAOL5EUUV0T4	VAOL-5EUUV0T4	C	T-1 3/4	405	200	3.0	15°	.71	.67	.62	.55
593-VAOL5EUUV8T4	VAOL-5EUUV8T4	C	T-1 3/4	385	100	3.0	15°	.87	.82	.76	.69
593-VAOL5GUUV0T4	VAOL-5GUUV0T4	C	T-1 3/4	405	160	3.0	30°	.71	.67	.62	.55
593-VAOL5GUUV8T4	VAOL-5GUUV8T4	C	T-1 3/4	385	80	3.0	30°	.87	.82	.76	.69

LUMEX UV LEDs

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Lumex Part No.	Fig.	Package	Wavelength (nm)	Optical Power Output (mW) @ 20mA		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°	12.08	10.86	10.01	8.69
696-SSL-LXTO46UV2C	SSL-LXTO46UV2C	D	TO-46	405	4.0	6.0	3.7	18°	9.95	8.95	8.25	7.16
696-SSL-LXTO46UV3C	SSL-LXTO46UV3C	D	TO-46	415	4.0	6.0	3.3	18°	9.95	8.95	8.25	7.16

OPTEK UV LEDs

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Optek Part No.	Fig.	Package	Wavelength (nm)	Optical Power Output (mW)		Voltage (VDC)	Viewing Angle	Price Each			
					Min.	Typ.			1	10	50	100
828-OUE8A390Y1	OUE8A390Y1	D	TO-46	385-390	1.8	8.1	3.3	18°	12.82	12.10	11.39	10.68
828-OUE8A395Y1	OUE8A395Y1	D	TO-46	390-395	3.1	9.8	3.3	18°	12.82	12.10	11.39	10.68
828-OUE8A400Y1	OUE8A400Y1	D	TO-46	395-400	5.8	13.4	3.3	18°	12.82	12.10	11.39	10.68
828-OUE8A405Y1	OUE8A405Y1	D	TO-46	400-405	5.8	13.4	3.3	18°	12.82	12.10	11.39	10.68
828-OUE8A410Y1	OUE8A410Y1	D	TO-46	405-410	5.8	13.4	3.3	18°	12.82	12.10	11.39	10.68
828-OUE8A415Y1	OUE8A415Y1	D	TO-46	410-415	7.3	15.4	3.3	18°	12.82	12.10	11.39	10.68
828-OUE8A420Y1	OUE8A420Y1	D	TO-46	415-420	7.3	15.4	3.3	18°	12.82	12.10	11.39	10.68
828-OUE8A425Y1	OUE8A425Y1	D	TO-46	420-425	7.3	15.4	3.3	18°	12.82	12.10	11.39	10.68

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

For quantities of 500 and up, call for quote.

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-LZ100U605	LZ1-00U605	E	5	368	130mW	4.1	700	85°	44.10	41.65	39.20	36.75
897-LZ100UA05	LZ1-10UA05	E	5	395-405	550mW	3.9	700	100°	28.80	27.20	25.60	24.00
897-LZ400U610	LZ4-00U610	F	10	365	500mW	16.4	400	115°	108.75	105.00	101.25	97.50
897-LZ400UA10	LZ4-00UA10	F	10	395-405	1.9W	15.6	700	175°	96.00	90.00	84.00	81.00
Emitters on Starboard												
897-LZ110U605	LZ1-10U605	G	5	368	130mW	4.1	700	85°	46.80	44.20	41.60	39.00
897-LZ110UA05	LZ1-10UA05	G	5	395-405	550mW	3.92	700	100°	30.60	28.90	27.20	25.50
897-LZ440U610	LZ4-40U610	H	10	365	500mW	16.4	700	115°	111.65	107.80	103.95	100.10
897-LZ420UA10	LZ4-20UA10	H	10	395-405	1.9W	15.6	700	175°	97.51	91.96	85.91	82.98

Illumination

NEW FROM SUPPLIER

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