

Ultra-Violet (UV) LEDs

RoHS Compliant This product is RoHS compliant.

BIVAR UV LEDs

MOUSER STOCK NO.	Bivar Part No.	Fig.	Package	Wavelength (nm)	Intensity (mW)	Voltage (VDC)	Viewing Angle	Price Each			
								1	10	50	100
749-SM1206UV-395-IL	SM1206UV-395-IL	A	1206	395	0.65	3.4	30°	2.10	1.95	1.81	1.71
749-SM1206UV-400-IL	SM1206UV-400-IL	A	1206	400	0.65	3.4	30°	2.45	2.10	1.95	1.81
749-SM1206UV-405-IL	SM1206UV-405-IL	A	1206	405	0.65	3.4	30°	2.10	1.95	1.81	1.71

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bivar Part No.	Fig.	Package	Wave-length (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
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°	1.11	1.01	.971	.878
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

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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-VAOL3EUVOY4	VAOL-3EUVOY4	B	T-1	405	150	3.0	15°	.59	.554	.504	.438
593-VAOL3EUV8Y4	VAOL-3EUV8Y4	B	T-1	385	72	3.0	15°	.71	.654	.62	.571
593-VAOL3GUV0Y4	VAOL-3GUV0Y4	B	T-1	405	120	3.0	30°	.59	.554	.504	.438
593-VAOL3GUV8Y4	VAOL-3GUV8Y4	B	T-1	385	55	3.0	30°	.86	.79	.75	.69
593-VAOL5EUVOY4	VAOL-5EUVOY4	C	T-1 3/4	405	200	3.0	15°	.59	.554	.504	.438
593-VAOL5EUV8Y4	VAOL-5EUV8Y4	C	T-1 3/4	385	100	3.0	15°	.71	.654	.62	.571
593-VAOL5GUV0Y4	VAOL-5GUV0Y4	C	T-1 3/4	405	160	3.0	30°	.59	.554	.504	.438
593-VAOL5GUV8Y4	VAOL-5GUV8Y4	C	T-1 3/4	385	80	3.0	30°	.71	.654	.62	.571

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LUMEX UV LEDs

MOUSER STOCK NO.	Lumex Part No.	Fig.	Package	Wave-length (nm)	Optical Power Output (mW)		Voltage (VDC)	Viewing Angle	Price Each			
					Min.	Typ.			1	10	50	100
					696-SSL-LXTO46355C	SSL-LXTO46355C			D	TO-46	355	-
696-SSL-LXTO46365C	SSL-LXTO46365C	D	TO-46	365	-	0.4	3.6	80°	29.53	25.64	25.21	24.51
696-SSL-LXTO46375C	SSL-LXTO46375C	D	TO-46	377	-	1.3	3.6	80°	22.75	20.77	20.43	19.87
696-SSL-LXTO46UV1C	SSL-LXTO46UV1C	D	TO-46	385	2.0	4.0	3.3	80°	10.50	10.25	8.54	7.24
696-SSL-LXTO46UV2C	SSL-LXTO46UV2C	D	TO-46	405	1.5	2.5	3.7	80°	9.52	8.95	5.47	5.17
696-SSL-LXTO46UV3C	SSL-LXTO46UV3C	D	TO-46	415	4.0	6.0	3.3	80°	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)

NEW! TECHNOLOGY **PRODUCT NEW**

For quantities greater than listed, 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
897-LZ110UA00-U4	LZ1-10UA00-U4	E	5	390	550mW	3.9	700	85°	29.92	28.05	27.12	26.18
897-LZ110UA00-U5	LZ1-10UA00-U5	E	5	395	550mW	3.9	700	85°	29.92	28.05	27.12	26.18
897-LZ110UA00-U6	LZ1-10UA00-U6	E	5	400	550mW	3.9	700	85°	29.92	28.05	27.12	26.18
897-LZ110UA00-U7	LZ1-10UA00-U7	E	5	405	550mW	3.9	700	85°	29.92	28.05	27.12	26.18
897-LZ110UA00-U8	LZ1-10UA00-U8	E	5	410	550mW	3.9	700	85°	29.92	28.05	27.12	26.18
897-LZ400UA00	LZ4-00UA00	-	10	400	2100mW	15.6	700	115°	69.00	67.20	63.44	62.40
897-LZ440UA00-U4	LZ4-40UA00-U4	E	10	390	2100mW	15.6	700	115°	88.46	85.42	82.37	79.32
897-LZ440UA00-U5	LZ4-40UA00-U5	E	10	395	2100mW	15.6	700	115°	88.46	85.42	82.37	79.32
897-LZ440UA00-U6	LZ4-40UA00-U6	E	10	400	2100mW	15.6	700	115°	88.46	85.42	82.37	79.32
897-LZ440UA00-U7	LZ4-40UA00-U7	E	10	405	2100mW	15.6	700	115°	88.46	85.42	82.37	79.32
897-LZ440UA00-U8	LZ4-40UA00-U8	E	10	410	2100mW	15.6	700	115°	88.46	85.42	82.37	79.32
897-LZC70U600	LZC-70U600	E	40	365	1650mW	49	700	95°	290.00	-	-	-
897-LZC70UA00	LZC-70UA00	E	40	400	5600mW	44	700	95°	165.00	160.00	155.00	150.00
897-LZC70UA00-U4	LZC-70UA00-U4	E	40	390	5600mW	44	700	95°	177.00	172.00	166.00	161.00
897-LZC70UA00-U5	LZC-70UA00-U5	E	40	395	5600mW	44	700	95°	177.00	172.00	166.00	161.00
897-LZC70UA00-U6	LZC-70UA00-U6	E	40	400	5600mW	44	700	95°	177.00	172.00	166.00	161.00
897-LZC70UA00-U7	LZC-70UA00-U7	E	40	405	5600mW	44	700	95°	177.00	172.00	166.00	161.00
897-LZC70UA00-U8	LZC-70UA00-U8	E	40	410	5600mW	44	700	95°	177.00	172.00	166.00	161.00
897-LZPD0UA00	LZP-D0UA00	F	90	400	12400mW	22	700	95°	310.80	-	-	-

LUMINUS DEVICES HIGH-POWER UV LEDs

- Applications:**
- Curing Inks, Coatings, and Adhesives
 - Inspection
 - Machine Vision
 - Fiber-coupled Illumination
 - Specialty Projection Systems for Maskless Lithography - Optically matched to TiO₂/DMD
 - Rapid Prototyping and 3D Printing
 - Medical and Scientific Instrumentation

PRODUCT NEW

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MOUSER STOCK NO.	Luminus Devices Part No.	Fig.	Color	Wavelength (nm)	Radiometric Flux (W)	Operating Voltage	Operating Current (A)	Price Each			
								1	25	100	500
896-CBT120UVG38222	CBT-120-UV-G382-22	G	UltraViolet	382-392	10	3.7	18	385.00	377.00	370.00	363.00
896-CBT120UV	CBT-120-UV-1382-22	G	UltraViolet	390	11	3.7	18	455.00	445.00	437.00	429.00
896-SCBT120UV4I38222	SCBT-120-UV-C14-I382-22	H	UltraViolet	385	10	3.7	18	420.00	396.00	-	-

DIMENSIONS: mm

LED Indication