

BIVAR LED Light Engines and Illumination



Products may be RoHS compliant. Check mouser.com for RoHS status.

L2 STARBOARD LIGHT ENGINES

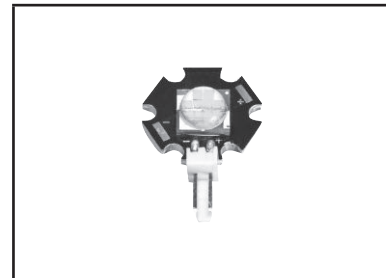
Bivar L2 Starboard Light Engines with Cree XLamp LEDs are the first light engines available in the industry to offer Cree's XLamp LEDs on a starboard. These starboard light engines are optimized for high output, high color rendering index (CRI), and lighting uniformity, making them ideal for directional lighting applications in both indoor and outdoor environments. They deliver light with consistent CCT in a highly efficient package that enables true halogen performance in a thermally constrained design.

Features:

- Unique factory Tc (case temperature test point) for max current drive and temperature control
- Optional pin headers allows quick hook-up, eliminates delicate soldering process
- Low thermal resistance

Applications:

- Indoor directional lighting
- Indoor commercial lighting
- Indoor down lighting
- Outdoor landscape lighting
- Outdoor roadway and parking lighting
- Outdoor portable lighting
- Outdoor solar-powered lighting
- General illumination
- PAR (Parabolic Aluminum Reflector Lamp)

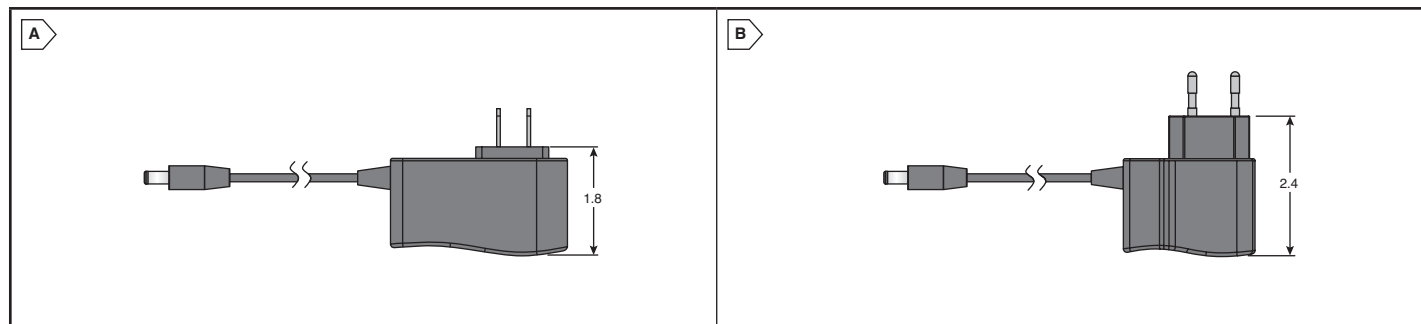


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bivar Part No.	Illumination Color	Color Temperature	Luminous Flux (lm)	CRI	Viewing Angle (°)	Forward Voltage (V)	Price Each				
								1	10	50	100	
ML Series												
749-L2-MLC1-F	L2-MLC1-F	Cool White	6500K	144	65	125	2.8 to 2.9	15.02	14.30	13.25	11.48	
749-L2-MLC1-S	L2-MLC1-S	Cool White	6500K	144	65	125	2.8 to 2.9	14.35	13.67	12.66	10.97	
749-L2-MLN1-F	L2-MLN1-F	Neutral White	4100K	124	75	125	2.8 to 2.9	11.40	10.86	10.06	8.72	
749-L2-MLN1-S	L2-MLN1-S	Neutral White	4100K	124	75	125	2.8 to 2.9	10.83	10.32	9.56	8.28	
749-L2-MLW1-F	L2-MLW1-F	Warm White	3100K	103	80	125	2.8 to 2.9	11.40	10.86	10.06	8.72	
749-L2-MLW1-S	L2-MLW1-S	Warm White	3100K	103	80	125	2.8 to 2.9	10.83	10.32	9.56	8.28	
PG Series												
749-L2-PGC1-F	L2-PGC1-F	Cool White	6500K	97	75	85	2.9 to 3.0	10.22	9.73	9.01	7.81	
749-L2-PGC1-S	L2-PGC1-S	Cool White	6500K	97	75	85	2.9 to 3.0	9.68	9.22	8.54	7.40	
749-L2-PGC2-F	L2-PGC2-F	Cool White	6500K	97	75	35	2.9 to 3.0	10.22	9.73	9.01	7.81	
749-L2-PGC2-S	L2-PGC2-S	Cool White	6500K	97	75	35	2.9 to 3.0	9.68	9.22	8.54	7.40	
749-L2-PGC3-F	L2-PGC3-F	Cool White	6500K	97	75	45, 25	2.9 to 3.0	10.22	9.73	9.01	7.81	
749-L2-PGC3-S	L2-PGC3-S	Cool White	6500K	97	75	45, 25	2.9 to 3.0	9.68	9.22	8.54	7.40	
749-L2-PGN1-F	L2-PGN1-F	Neutral White	4100K	91	75	85	2.9 to 3.0	10.10	9.62	8.91	7.72	
749-L2-PGN1-S	L2-PGN1-S	Neutral White	4100K	91	75	85	2.9 to 3.0	9.57	9.11	8.44	7.31	
749-L2-PGN2-F	L2-PGN2-F	Neutral White	4100K	91	75	35	2.9 to 3.0	10.10	9.62	8.91	7.72	
749-L2-PGN2-S	L2-PGN2-S	Neutral White	4100K	91	75	35	2.9 to 3.0	9.57	9.11	8.44	7.31	
749-L2-PGN3-F	L2-PGN3-F	Neutral White	4100K	91	75	45, 25	2.9 to 3.0	10.10	9.62	8.91	7.72	
749-L2-PGN3-S	L2-PGN3-S	Neutral White	4100K	91	75	45, 25	2.9 to 3.0	9.57	9.11	8.44	7.31	
749-L2-PGW1-F	L2-PGW1-F	Warm White	3100K	80	80	85	2.9 to 3.0	10.47	9.97	9.23	8.00	
749-L2-PGW1-S	L2-PGW1-S	Warm White	3100K	80	80	85	2.9 to 3.0	9.95	9.48	8.78	7.61	
749-L2-PGW2-F	L2-PGW2-F	Warm White	3100K	80	80	35	2.9 to 3.0	10.47	9.97	9.23	8.00	
749-L2-PGW2-S	L2-PGW2-S	Warm White	3100K	80	80	35	2.9 to 3.0	9.95	9.48	8.78	7.61	
749-L2-PGW3-F	L2-PGW3-F	Warm White	3100K	80	80	45, 25	2.9 to 3.0	10.47	9.97	9.23	8.00	
749-L2-PGW3-S	L2-PGW3-S	Warm White	3100K	80	80	45, 25	2.9 to 3.0	9.95	9.48	8.78	7.61	
TG Series												
749-L2-TGN1-F	L2-TGN1-F	Neutral White	4000K	141	80	120	5.2 to 5.3	23.45	22.33	19.30	17.34	
749-L2-TGN1-S	L2-TGN1-S	Neutral White	4000K	141	80	120	5.2 to 5.3	22.52	21.44	18.53	16.65	
749-L2-TGW1-F	L2-TGW1-F	Warm White	3000K	130	80	120	5.2 to 5.3	23.45	22.33	19.30	17.34	
749-L2-TGW1-S	L2-TGW1-S	Warm White	3000K	130	80	120	5.2 to 5.3	22.52	21.44	18.53	16.65	
Development Tools												
749-L2CON-24	L2CON-24	24" Gauge, 609.6mm LED Starboard Cable							3.72	3.54	3.33	3.19

IN-LINE AND WALL MOUNT POWER SUPPLIES FOR BIVAR LED ENGINEERED ILLUMINATION

DIMENSIONS: in.



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MOUSER STOCK NO.	Bivar Part No.	Fig.	Type	Input Voltage (V)	Output Voltage (DC)	Output Current (mA)	Output Connector	Price Each		
								1	10	50
749-EIADT-UL-001	EIADT-UL-001	A	Wall Mount	100 - 240 VAC	24	600	2.1mm	9.86	9.24	8.62
749-EIADT-UL-002	EIADT-UL-002	A	Wall Mount	100 - 240 VAC	3.3	350	2.1mm	5.79	5.43	5.07
749-EIADT-VDE-001	EIADT-VDE-001	B	Wall Mount	100 - 240 VAC	24	600	2.1mm	10.82	10.15	9.46
749-EIADT-VDE-002	EIADT-VDE-002	B	Wall Mount	100 - 240 VAC	3.3	350	2.1mm	5.63	5.28	4.93