

BIVAR LEDs

RoHS Compliant This product is RoHS compliant.



LED Indication

Bivar

THRU-HOLE LEADS

MOUSER STOCK NO.	Bivar Part No.	Package	Color		Wavelength (nm)	Luminous Intensity (mcd)	Forward Voltage (typ)	Viewing Angle (°)	Price Each					
			Source	Lens					1	10	100	250		
RGB														
749-R50RGB-F-0160	R50RGB-F-0160	4-pin Flux	RGB	Water Clear	635/525/470	600/800/150	2.6/3.8/3.8	160	3.39	3.23	2.82	2.73		
749-R50RGB-4-0045	R50RGB-4-0045	4-pin Flux	RGB	Water Clear	635/525/470	4000/5000/400	2.6/3.8/3.8	45	3.39	3.23	2.82	2.73		
749-R50RGB-5-0080	R50RGB-5-0080	4-pin Flux	RGB	Water Clear	635/525/470	1000/2000/200	2.6/3.8/3.8	80	3.39	3.23	2.82	2.73		
3 mm. Ultra Bright LED														
749-3UGC	3UGC	T1	Green	Water Clear	570	200	2.1	30	.32	.27	.213	.174		
5 mm. Super Bright LED														
749-5SGD	5SGD	T1 3/4	Green	Diffused	568	30	2.1	45	.34	.268	.223	.191		
749-5SRD	5SRD	T1 3/4	Red	Diffused	645	40	1.7	45	.24	.192	.16	.137		

SURFACE MOUNT LEADS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bivar Part No.	Package	Color		Wavelength (nm)	Luminous Intensity (mcd)	Forward Voltage (V)	Viewing Angle (°)	Price Each					
			Source	Lens					1	10	50	100		
0603/0805/1210 Chip LEDs														
749-SM0603URC	SM0603URC	0603	Red	Water Clear	660	40	2.1	140	.42	.39	.35	.31		
749-SM0603UYC	SM0603UYC	0603	Yellow	Water Clear	588	60	2.1	140	.42	.39	.35	.31		
749-SM0603GC	SM0603GC	0603	Green	Water Clear	568	15	2.1	140	.72	.67	.597	.52		
749-SM0603UBWC	SM0603UBWC	0603	Blue	Water Clear	470	70	3.4	140	1.20	1.12	.997	.88		
749-SM0805URC	SM0805URC	0805	Red	Water Clear	660	40	2	140	.42	.39	.35	.31		
749-SM0805UYC	SM0805UYC	0805	Yellow	Water Clear	588	60	2	140	.42	.39	.35	.31		
749-SM0805UGC	SM0805UGC	0805	Green	Water Clear	525	200	3.5	140	.48	.45	.397	.35		
749-SM0805UBWC	SM0805UBWC	0805	Blue	Water Clear	470	120	4	140	.93	.862	.83	.712		
749-SM0805UWC	SM0805UWC	0805	White	Water Clear	---	135	3.5	140	1.09	.95	.896	.81		
749-SM1210RGB	SM1210RGB	1210	Red/Green/Blue	Water Clear	660/565/430	30/118/25	1.8/2.2/4	120	3.06	2.67	2.51	2.28		
749-SM1210BCSR/HG	SM1210BCSR/HG	1210	Red/Green	Water Clear	660/560	30/25	1.8/2	140	.78	.73	.647	.57		

PLCC2 Side View

749-SMS1105RC	SMS1105RC	1105	Red	Water Clear	620	400	2.2	120	.78	.70	.65	.63
749-SMS1105OC	SMS1105OC	1105	Orange	Water Clear	600	800	2.2	120	.66	.592	.55	.533
749-SMS1105YC	SMS1105YC	1105	Yellow	Water Clear	587	400	2.2	120	.66	.59	.55	.53
749-SMS1105GC	SMS1105GC	1105	Green	Water Clear	566	200	2.2	120	.66	.592	.55	.533
749-SMS1105PGC	SMS1105PGC	1105	Green	Water Clear	520	1000	3.3	120	.88	.78	.73	.70
749-SMS1105BWC	SMS1105BWC	1105	Blue	Water Clear	465	600	3.4	120	.78	.70	.65	.63
749-SMS1105PKD	SMS1105PKD	1105	Pink	Diffused	---	300	3.4	120	1.17	1.04	.98	.94
749-SMS1105UWDD	SMS1105UWDD	1105	Warm White	Diffused	---	1400	3.4	120	.98	.87	.81	.78
749-SMS1105UWDD	SMS1105UWDD	1105	Neutral White	Diffused	---	1400	3.4	120	.98	.87	.81	.78
749-SMS1105UWDC	SMS1105UWDC	1105	Cool White	Diffused	---	1400	3.4	120	.82	.736	.685	.66
749-SM1204BC	SM1204BC	1204	Red/Green	Water Clear	640/568	7.2/18	2	130	.36	.31	.26	.25
749-SM1204BC-R/B	SM1204BC-R/B	1204	Red/Blue	Water Clear	631/470	115	2.1/2.9	130	1.12	.98	.81	.78
749-SM1204BC-A/G	SM1204BC-A/G	1204	Amber/Green	Water Clear	593/575	72/28.5	2.1	130	.44	.39	.327	.31
749-SM1204SRC	SM1204SRC	1204	Red	Water Clear	640	20	2.1	110	.27	.24	.20	.19
749-SM1204URC	SM1204URC	1204	Red	Water Clear	631	115	2.1	110	.27	.24	.20	.19
749-SM1204UOC	SM1204UOC	1204	Orange	Water Clear	625	70	2.1	110	.27	.24	.20	.19
749-SM1204UAC	SM1204UAC	1204	Amber	Water Clear	610	90	2.1	110	.27	.24	.20	.19
749-SM1204UYC	SM1204UYC	1204	Yellow	Water Clear	592	72	2.1	110	.27	.24	.20	.19
749-SM1204SGC	SM1204SGC	1204	Green	Water Clear	574	50	2.1	110	.23	.211	.176	.167
749-SM1204UGC	SM1204UGC	1204	Green	Water Clear	568	28.5	3.2	110	.45	.39	.33	.31
749-SM1204SPGC	SM1204SPGC	1204	Green	Water Clear	525	285	3.3	110	.89	.78	.65	.63
749-SM1204UPGC	SM1204UPGC	1204	Green	Water Clear	515	285	3.3	110	.89	.78	.65	.63
749-SM1204PGC	SM1204PGC	1204	Green	Water Clear	505	360	3.3	110	.89	.78	.65	.63
749-SM1204SBWC	SM1204SBWC	1204	Blue	Water Clear	470	90	3.3	110	.67	.59	.49	.47
749-SM1204BWC	SM1204BWC	1204	Blue	Water Clear	466	9	3.9	110	1.78	1.56	1.30	1.25
749-SM1204UWC	SM1204UWC	1204	White	Diffused	---	450	3.3	110	.84	.73	.61	.59

PLCC2 Top View

749-SMP2-SBWC	SMP2-SBWC	PLCC2	Blue	Water Clear	470	285	3.2	120	1.39	1.11	.927	.794
749-SMP2-SUWD	SMP2-SUWD	PLCC2	Cool White	Diffused	---	2650	3.2	120	2.08	1.66	1.39	1.19
749-SMP2-UPGC	SMP2-UPGC	PLCC2	Green	Water Clear	525	850	3.3	120	1.74	1.39	1.16	.991
749-SMP2-UWD	SMP2-UWD	PLCC2	White	Diffused	---	1050	3.2	120	1.74	1.39	1.16	.991

PLCC4

749-SMP4-BC	SMP4-BC	PLCC4	Red/Green	Water Clear	640/570	36/40	1.85/1.9	120	.60	.543	.507	.489
749-SMP4-RGY	SMP4-RGY	PLCC4	Red/Green/Yellow	Water Clear	640/570/585	36/40/16	1.85/1.9/1.9	120	.92	.869	.833	.753
749-SMP4-RGB	SMP4-RGB	PLCC4	Red/Green/Blue	Water Clear	640/570/466	36/40/50	1.85/1.9/3.3	120	1.91	1.79	1.72	1.56
749-SMP4-BC-RB	SMP4-BC-RB	PLCC4	Red/Blue	Water Clear	640/466	36/50	1.85/3.3	120	1.17	1.04	.98	.94
749-SMP4-SBC	SMP4-SBC	PLCC4	Red/Green	Water Clear	631/574	180/115	1.9	120	.78	.70	.65	.63
749-SMP4-SRGY	SMP4-SRGY	PLCC4	Red/Green/Yellow	Water Clear	631/525/591	180/450/180	1.9/3.3/1.9	120	1.91	1.79	1.72	1.56
749-SMP4-SRGB	SMP4-SRGB	PLCC4	Red/Green/Blue	Water Clear	631/525/470	180/450/285	1.9/3.3/3.2	120	2.17	2.04	1.96	1.78
749-SMP4-SBC-RB	SMP4-SBC-RB	PLCC4	Red/Blue	Water Clear	631/470	180/285	1.9/3.2	120	1.76	1.56	1.47	1.41
749-SMP4-SBC-YG	SMP4-SBC-YG	PLCC4	Yellow/Green	Water Clear	591/574	180/115	1.9	120	.69	.621	.577	.559

PLCC6

749-SMP6-RGB	SMP6-RGB	PLCC6	Red/Green/Blue	Water Clear	620/520/465	700/900/500	2.1/3.3/3.3	140	3.85	3.60	3.25	3.00
749-SMP6-RC	SMP6-RC	PLCC6	Red	Water Clear	620	1800	2.2	140	1.94	1.76	1.67	1.49
749-SMP6-GC	SMP6-GC	PLCC6	Green	Water Clear	520	3000	3.3	140	2.35	2.13	2.02	1.81
749-SMP6-BWC	SMP6-BWC	PLCC6	Blue	Water Clear	465	2000	3.4	140	1.94	1.76	1.67	1.49
749-SMP6-UWDD	SMP6-UWDD	PLCC6	Neutral White	Diffused	---	5000	3.3	140	2.35	2.13	2.02	1.81
749-SMP6-UWDC	SMP6-UWDC	PLCC6	Cool White	Diffused	---	5000	3.3	140	2.35	2.13	2.02	1.81

Rectangular Panel Mount Indicators

749-PMR4RD	PMR4RD	2 x 4mm	Red	Diffused	700	0.4	2.1	120	1.30	1.23	1.17	1.12
749-PMR4HD	PMR4HD	2 x 4mm	Red	Diffused	625	8	2	120	1.30	1.23	1.17	1.13
749-PMR4AD	PMR4AD	2 x 4mm	Amber	Diffused	605	6	2	120	1.33	1.26	1.20	1.15
749-PMR4YD	PMR4YD	2 x 4mm	Yellow	Diffused	590	6	2	120	1.32	1.25	1.19	1.15
749-PMR4GD	PMR4GD	2 x 4mm	Green	Diffused	568	8	2.1	120	1.31	1.23	1.17	1.13
749-PMR4PGD	PMR4PGD	2 x 4mm	Green	Diffused	555	2	2.2	120	1.46	1.38	1.31	1.27
749-PMR4BWD	PMR4BWD	2 x 4mm	Blue	Diffused	430	6	4	120	2.31	2.18	2.07	2.00

Panel Mount LED Assemblies

749-PM53-RY	PM53-RY	5 mm	Red/Yellow	Diffused	625/590	35/30	5	40	.66	.58	.48	.46
749-PM53-RYW12.0	PM53-RYW12.0	5 mm	Red/Yellow	Diffused	625/590	35/30	5	40	1.67	1.51	1.44	1.39
749-PM53-RYW12.0CC	PM53-RYW12.0CC	5 mm	Red/Yellow	Diffused	625/590	35/30	5	40	2.25	2.05	1.94	1.87
749-PM5R3-RY	PM5R3-RY	5 mm	Red/Yellow	Diffused	625/590	35/30	5	40	.46	.42	.40	.39
749-PM5R3-RYW12.0	PM5R3-RYW12.0	5 mm	Red/Yellow	Diffused	625/590	35/30	5	40	1.67	1.52	1.44	1.39
749-PM53-BC	PM53-BC	5 mm	Red/Green	Diffused	625/568	35/35	5	40	.65	.57	.47	.45
749-PM53-BCW12.0	PM53-BCW12.0	5 mm	Red/Green	Diffused	625/568	35/35	5	40	1.66	1.51	1.43	1.38
749-PM53-BCW12.0CC	PM53-BCW12.0CC	5 mm	Red/Green	Diffused	625/568	35/35	5	40	2.24	2.04	1.93	1.87
749-PM5R3-BC	PM5R3-BC	5 mm	Red/Green	Diffused	625/568	35/35	5	40	.46	.41	.39	.38
749-PM5R3-BCW12.0	PM5R3-BCW12.0	5 mm	Red/Green	Diffused	625/568	35/35	5	40	1.66	1.51	1.43	1.38