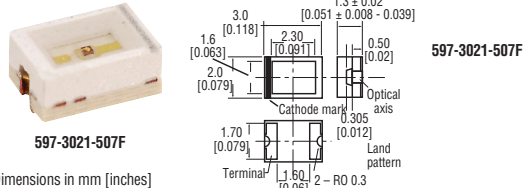
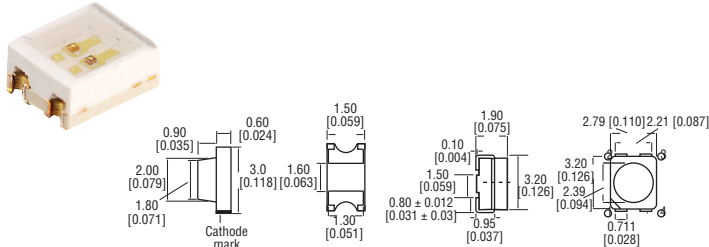
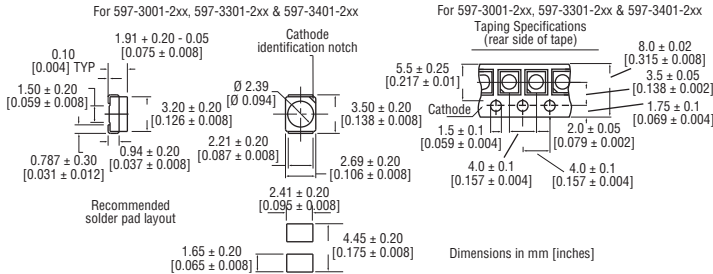


597 Series Surface Mount LEDs



Dimensions in mm [inches]



- ▶ Incorporates Latest LED Technology, Specifically Designed for Surface Mounting
- ▶ Compatible with Automatic Placement Equipment
- ▶ Compatible with Infrared Surface Mount Reflow Soldering Processes
- ▶ Helps Eliminate Mixed Technology PC Board Processing

Single Color

- ▶ Single LED Design
- ▶ Top View Orientation
- ▶ PLCC Package

Stock No.	Mfr.'s Type	Emitted Color	Voltage (VF)	Peak Wavelength (nm)	Intensity (mcd)	Viewing Angle	EACH
70081963	597-3021-507F	Red	2.00	650	2.2	104	.20
70081965	597-3301-507F	Green	2.20	563	5.6	104	.20
70081966	597-3401-507F	Yellow	2.10	585	2.2	104	.25
70081969	597-3001-207F	Red	2.00	630	4.0	120	.40
70081971	597-3301-207F	Green	2.00	565	4.0	120	.40
70081972	597-3401-207F	Yellow	2.10	585	4.0	120	.40

1206 Type Package

- ▶ Non-Diffused Single LED
- ▶ Top View Design
- ▶ 1206 Type Package

Stock No.	Mfr.'s Type	Emitted Color	Voltage (VF)	Peak Wavelength (nm)	Intensity (mcd)	Viewing Angle	EACH
70081961	597-3311-407F	Green	2.10	560	3.0	70	.34

1206 Reverse Mount

Reverse mount 597 Series microLED® are available in a variety of colors in AlInGaP and InGaN chip technology for high brightness applications. Reverse mount channels the light into various applications such as light pipes, and backlighting.

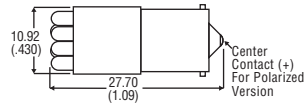
Stock No.	Mfr.'s Type	Emitted Color	Voltage (VF)	Peak Wavelength (nm)	Intensity (mcd)	Viewing Angle	EACH
70082422	597-6001-607F	Red	2.0	639	2.40	70°	.16
70082423	597-6301-607F	Green	2.8	530	3.80	70°	.34
70082425	597-6501-607F	Yellow-Green	1.8	574	2.40	70°	.16
70082426	597-6601-607F	Blue	3.0	475	3.80	70°	.20
70082427	597-6901-607F	White	2.7	468	3.15	70°	.37

Bi-Color

- ▶ Compact, Low Profile Bi-Color LED 1210 Package
- ▶ Top View Orientation

Stock No.	Mfr.'s Type	Emitted Color	Voltage (VF)	Peak Wavelength (nm)	Intensity (mcd)	Viewing Angle	EACH
70081967	597-7701-507F	Red/Green	2.00/2.20	650/570	3.6/9.0	100°	.38
70081968	597-7721-507F	Yellow/Green	2.10/2.20	585/563	3.6/9.0	100°	.45
70081973	597-7701-207F	Red/Green	2.00/2.10	630/565	8/8.0	120°	.61
70081974	597-7721-207F	Yellow/Green	1.80/2.10	585/565	8/8.0	120°	.54

Sunlight Readable Cluster Lamps, T3-1/4 Bayonet (BA9s)



Dialight's line of based LED lamps is designed to directly replace many popular subminiature and miniature incandescent lamps. The benefits of LED technology over incandescent are significant: They offer long life, are shock resistant, withstand vibration and provide energy conservation.

Polarized Lamps

Stock No.	Mfr.'s Type	Emitted Color	Volts (VDC)	Amps (mA)	Intensity (mcd)	Wavelength (nm)	EACH	
							1-24	25-99
70082152	586-6401-101F	Red		100	1000	630	13.05	11.86
70082155	586-6402-101F	Green		90	3800	526	14.87	13.52
70082156	586-6403-101F	Yellow		100	2000	592	13.05	—
70082163	586-6405-101F	Blue		90	850	472	14.87	—
70082166	586-6406-101F	White		90	4800		14.87	13.52
70082172	586-6401-103F	Red	14	50	1000	630	13.05	11.86
70082197	586-6402-103F	Green	14	40	3100	526	14.87	—
70082208	586-6403-103F	Yellow	14	50	2000	592	13.05	—
70082209	586-6405-103F	Blue	14	40	685	472	14.87	—
70082213	586-6406-103F	White	14	40	4800		14.87	13.52

Non-Polarized Lamps

Stock No.	Mfr.'s Type	Emitted Color	Volts (VDC)	Amps (mA)	Intensity (mcd)	Wavelength (nm)	EACH	
							1-24	25-99
70082217	586-6401-201F	Red	6	100	1000	630	14.48	13.17
70082221	586-6402-201F	Green	6	70	3400	526	16.49	14.99
70082222	586-6405-201F	Blue	6	70	685	472	16.49	—
70082232	586-6406-201F	White	6	70	4000		16.49	14.99
70082243	586-6401-203F	Red	14	50	1000	630	14.48	—
70082246	586-6402-203F	Green	14	40	3400	526	16.49	14.99
70082252	586-6403-203F	Yellow	14	50	2000	592	14.48	13.17
70082256	586-6405-203F	Blue	14	40	685	472	16.49	—
70082264	586-6406-203F	White	14	40	4000		16.49	14.99
70082280	586-6401-205F	Red	28	18	1000	630	14.48	13.17
70082283	586-6402-205F	Green	28	11	3400	526	16.49	14.99
70082284	586-6403-205F	Yellow	28	18	2000	592	14.48	13.17
70082286	586-6405-205F	Blue	28	11	685	472	16.49	—
70082291	586-6406-205F	White	28	11	4000		16.49	14.99

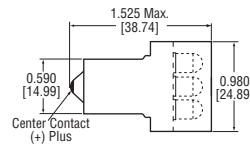
*Color coordinates: X=0.296, Y=0.276.

Cluster Lamps, T3-1/4 Mini Bayonet (BA9s)



Stock No.	Mfr.'s Type	Emitted Color	Volts (VDC)	Amps (mA)	Intensity (mcd)	Wavelength (nm)	EACH	
							1-24	25-99
70081428	585-5223	Red	14 VDC	40	480	660	11.76	10.70
70081429	585-5225	Red	28 VDC	20	560	660	11.76	10.70
70081430	585-5256	Red	120 VAC	9	252	660	8.02	7.29
70081431	585-5323	Green	14 VDC	40	420	565	11.76	10.70
70081432	585-5325	Green	28 VDC	20	490	565	11.76	10.70
70082060	585-5356F	Green	120 VAC	9	220	565	8.02	7.29
70081433	585-5523	Yellow	14 VDC	60	1800	585	13.90	12.64
70081434	585-5525	Yellow	28 VDC	30	2100	585	13.90	12.64
70081435	585-5556	Yellow	120 VAC	9	945	585	8.02	7.29

Cluster Lamps, 15 mm Bayonet (BA15s)



Dialight's LED based lamps are designed to directly replace many popular subminiature and miniature incandescent lamps. The benefits of LED technology over incandescent are significant: they offer long life, are shock resistant, withstand vibration and provide energy conservation. The 15 mm bayonet based LEDs replace incandescent lamp numbers: 67, 93, 97, 98, 105, 199, 303, 305, 307, 315, 623, 631, 1003, 1093, 1095, 1141, 1155, 1156, 1159, 1203, 1251, 1295, 1308, 1591, 1665, 1683, 1691, 2233.

Stock No.	Mfr.'s Type	Emitted Color	Volts (VDC)	Amps (mA)	Intensity (mcd)	Wavelength (nm)	EACH
70082090	586-4605-103F	Blue	14	20	6300	470	18.95
70082091	586-4606-103F	White	14	20	23800	—	16.58
70082092	586-4602-105F	Green	28	20	21000	525	16.58
70082093	586-4603-105F	Yellow	28	30	17325	594	9.62
70082094	586-4605-105F	Blue	28	20	6300	470	21.19