



Surface Mount LED Selector Guide

Prism® CBI® LED Circuit Board Indicators

Micro LED® Surface Mount LEDs



Prism® CBI®

Dialight's Prism indicators are the industry's only SMD indicator series designed to survive 260°C peak reflow temperature AND provide the aesthetic appeal of a diffused lens for enhanced viewing. Ideal for limited-space applications and board-edge mounting, the Prism Series is available in a variety of package sizes including single level, bi-level, and tri-level configuration and in 2mm and 3mm lens size. The integral light pipes used in Prism are engineered for maximum light transmission and minimal light bleed while the diffused lens is also ideal for bi-color and tri-color applications where color-mixing is desired.



Micro LED® SMD LED

Dialight's Micro LED Surface Mount LED product line provides one of the industry's widest range of discrete LEDs. Packaged in ChipLED, PLCC, right-angle and reverse-mount configurations, Dialight offers a full range of colors and intensities, including the latest AlInGaP and InGaN technology. With such a wide variety of mounting styles, colors, intensities, viewing angles and lens features, Micro LED series is sure to include a cost-effective solution to any application.

Contact your Authorized Dialight Distributor or local Sales Representative for more information or samples. <http://www.dialight.com/WhereToBuy/Status-Indication>

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Features and Benefits

Prism® CBI®

- Compatible with automatic pick-and-place equipment for reduced installation costs
- RoHS Compliant
- Available with 2mA low current LED
- Eliminates wave soldering process
- Black, low-profile PPA housing enhances the contrast ratio for better clarity

Micro LED® SMD LED



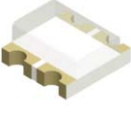



- Can be used with Dialight's wide-range of Optopipe® series light pipes.
- Package sizes include 0603, 0606, 0805, 1206, 1208, 1210, 1616
- Compatible with infrared reflow processes and JEDEC standards
- Helps to eliminate mixed technology pc board processing
- RoHS compliant
- Available in 2mA low current versions

Typical Applications



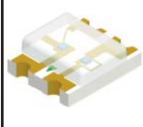
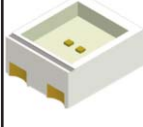
- Data center Infrastructure
 - Servers - Rack mount; blade; tower
 - Storage – High-performance storage subsystems for high- end enterprise
- Networking Equipment for enterprise data centers and telecom communication centers
 - Switches, routers, and network control equipment interconnected using fiber optic and high speed wiring
- Storage Networking Hardware
 - Fiber channel host bus adapter cards (HBAs); converged network adapter cards (CNAs); iSCSI adapter cards; InfiniBand adapter cards
- Next-Gen Wireless
 - Wireless Infrastructure
- Electronic Test & Measurement Instruments
- Communications Testing Equipment
- Process controls
- Automation
- Medical
- Handheld devices
- Battery powered applications (2mA version)

The following pages are organized as a product overview. Additional information is available at www.dialight.com including detailed specs and schematics, 3D models, and operating characteristics. The most recent version of this selector guide can be found at: http://www.dialight.com/Assets/Brochures_And_Catalogs/Indication/SMT_Selector_Guide.pdf

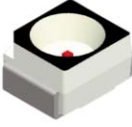

Micro LED® SMD LED

ChipLED	Dialight Part Number	Color	Material	Dom. λ Typ. (nm)	Intensity Typ. (mcd)	Forward Voltage Typ. (V)	Viewing Angle	Height	Test Current (mA)	Fig	Type
0603 Series Package (1.6mm X 0.8mm X Height)											
	597-3326-607F	Green	InGaN	525	150	3.4	130	0.8	20	1	Single Color
	597-3607-607F	Blue	InGaN	470	60	3.3	130	0.8	20	1	Single Color
	597-5004-407F	Red	AllnGaP	626	50	1.9	152	0.7	20	1	Single Color
	597-5112-407F	Red	AlGaAs	647	11.7	1.7	152	0.7	20	1	Single Color
	597-5203-407F	Orange	GaAsP	606	3.4	2.2	152	0.7	20	1	Single Color
	597-5213-407F	Orange	AllnGaP	605	65	1.9	152	0.7	20	1	Single Color
	597-5223-407F	Yellow	AllnGaP	590	65	1.9	152	0.7	20	1	Single Color
	597-5312-407F	Green	GaP	567	6.4	2.1	152	0.7	20	1	Single Color
597-5412-407F	Yellow-Green	GaP	572	11.7	2.1	152	0.7	20	1	Single Color	
	598-8010-107F	Red	AllnGaP	635	40	2.2	140	0.7	20	2	Single Color
	598-8020-107F	Red-Orange	AllnGaP	625	150	2	140	0.7	20	2	Single Color
	598-8030-107F	Orange	AllnGaP	605	80	2	140	0.7	20	2	Single Color
	598-8040-107F	Yellow	AllnGaP	593	130	2	140	0.7	20	2	Single Color
	598-8050-107F	Yellow	AllnGaP	587	130	2	140	0.7	20	2	Single Color
	598-8060-107F	Yellow-Green	AllnGaP	573	40	2	140	0.7	20	2	Single Color
	598-8070-107F	Green	GaP	566	20	3.2	140	0.7	20	2	Single Color
	598-8081-107F	Green	InGaN	523	300	3.2	140	0.7	20	2	Single Color
598-8091-107F	Blue	InGaN	473	90	3.2	140	0.7	20	2	Single Color	
0606 Series Package (1.6mm X 1.6mm X Height)											
	598-8410-207CF	Red / Green	AllnGaP	635 / 565	60 / 40	2 / 2	140	0.7	20	3	Bi-Color
	598-8430-207CF	Orange / Green	AllnGaP	605 / 568	100 / 40	2 / 2	140	0.7	20	3	Bi-Color
	598-8440-207CF	Yellow / Green	AllnGaP	590 / 570	135 / 50	2 / 2	140	0.7	20	3	Bi-Color
	598-8450-207CF	Yellow / Green	AllnGaP / InGaN	592 / 530	120 / 120	2 / 3.2	140	0.7	20	3	Bi-Color
	598-8460-207CF	Yellow / Red	AllnGaP	590 / 640	135 / 50	2 / 2.2	140	0.7	20	3	Bi-Color
	598-8710-307F	Red / Green / Blue	AllnGaP / InGaN / InGaN	635 / 525 / 470	60 / 120 / 90	2 / 3.2 / 3.2	140	0.7	20	4	Tri-Color
	598-8720-307F	Red-Orange / Green / Blue	AllnGaP / InGaN / InGaN	625 / 525 / 470	120 / 150 / 60	2 / 3.2 / 3.2	140	0.7	20	4	Tri-Color
	598-8740-307F	Yellow / Green / Blue	AllnGaP / InGaN / InGaN	590 / 525 / 475	110 / 220 / 90	2 / 3.2 / 3.2	140	0.7	20	4	Tri-Color
0805 Series Package (2.0mm X 1.25mm X Height)											
	597-3003-407F	Red	AllnGaP	626	50	1.9	150	0.8	20	5	Single Color
	597-3006-607F	Red	GaP	630	6	2.0	130	1.1	10	5	Single Color
	597-3212-407F	Orange	AllnGaP	605	65	1.9	150	0.8	20	5	Single Color
	597-3222-407F	Amber	AllnGaP	590	65	1.9	150	0.8	20	5	Single Color
	597-3305-607F	Green	GaP	569	8	2.1	130	1.1	10	5	Single Color
	597-3405-607F	Yellow	GaP	588	6	2.1	130	1.1	10	5	Single Color
	597-5111-407F	Red	AlGaAs	647	11.7	1.7	150	0.8	20	5	Single Color
	597-5202-407F	Orange	GaP	606	3.7	2.2	150	0.8	20	5	Single Color
	597-5311-407F	Green	GaP	567	6.4	2.1	150	0.8	20	5	Single Color
597-5411-407F	Yellow	GaP	572	11.7	2.1	150	0.8	20	5	Single Color	
	598-8110-107F	Red	AllnGaP	635	40	2.2	140	0.7	20	6	Single Color
	598-8120-107F	Red-Orange	AllnGaP	625	150	2	140	0.7	20	6	Single Color
	598-8130-107F	Orange	AllnGaP	605	80	2	140	0.7	20	6	Single Color
	598-8140-107F	Yellow	AllnGaP	593	130	2	140	0.7	20	6	Single Color
	598-8150-107F	Yellow	AllnGaP	587	130	2	140	0.7	20	6	Single Color
	598-8160-107F	Yellow-Green	AllnGaP	573	40	2	140	0.7	20	6	Single Color
	598-8170-107F	Green	GaP	566	20	3.2	140	0.7	20	6	Single Color
	598-8181-107F	Green	InGaN	523	300	3.2	140	0.7	20	6	Single Color
	598-8191-107F	Blue	InGaN	473	90	3.2	140	0.7	20	6	Single Color
1206 Series Package (3.2mm X 1.6mm X Height)											
	597-3007-607F	Red	GaP	621	8	2.0	130	1.1	20	7	Single Color
	597-3302-607F	Green	GaP	569	8	2.1	130	1.1	10	7	Single Color
	597-3403-607F	Yellow	GaAsP	588	6	2.1	130	1.1	10	7	Single Color
	598-8210-107F	Red	AllnGaP	635	40	2.2	140	0.7	20	8	Single Color
	598-8220-107F	Red-Orange	AllnGaP	625	150	2	140	0.7	20	8	Single Color
	598-8230-107F	Orange	AllnGaP	605	80	2	140	0.7	20	8	Single Color
	598-8240-107F	Yellow	AllnGaP	593	130	2	140	0.7	20	8	Single Color
	598-8250-107F	Yellow	AllnGaP	587	130	2	140	0.7	20	8	Single Color
	598-8260-107F	Yellow-Green	AllnGaP	573	40	2	140	0.7	20	8	Single Color
	598-8270-107F	Green	GaP	566	20	3.2	140	0.7	20	8	Single Color
	598-8281-107F	Green	InGaN	523	300	3.2	140	0.7	20	8	Single Color
	598-8291-107F	Blue	InGaN	473	90	3.2	140	0.7	20	8	Single Color

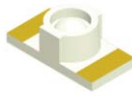
Micro LED® SMD LED (cont.)

ChipLED	Dialight Part Number	Color	Material	Dom. λ Typ. (nm)	Intensity Typ. (mcd)	Forward Voltage Typ. (V)	Viewing Angle	Height	Test Current (mA)	Fig	Type
1206 Series Package with Lens (3.0mm X 1.6mm X Height)											
	597-3612-407F	Blue	InGaN	470	133	3.3	50	1.5	20	9	Single Color
	597-3311-407F	Green	GaP	567	12	2.1	70	1.5	20	9	Single Color
	597-3312-407F	Green	AllnGaP	561	42	2.1	60	1.5	20	9	Single Color
	597-3325-407F	Green	InGaN	525	415	3.3	50	1.5	20	9	Single Color
	597-3111-407F	Red	GaAlAs	647	33.6	1.7	70	1.5	20	9	Single Color
	597-3021-407F	Red	AllnGaP	626	240	1.9	60	1.5	20	9	Single Color
	597-3202-407F	Orange	AllnGaP	605	240	1.9	60	1.5	20	9	Single Color
	597-3201-407F	Orange	GaAsP/GaP	606	9	2.2	70	1.5	20	9	Single Color
597-3401-407F	Yellow	GaAsP	590	6	2.2	70	1.5	20	9	Single Color	
1208 Series Package with Reflector (3.0mm X 2.0mm X Height)											
	597-3002-507F	Red	AllnGaP	630	63	2.2	110	1.3	20	10	Single Color
	597-3021-507F	Red	GaAsP	653	6.3	2.0	110	1.3	20	10	Single Color
	597-3032-507F	Red	AllnGaP	620	100	2.2	110	1.3	20	10	Single Color
	597-3111-507F	Red	AlGaAs	662	16	1.75	110	1.3	20	10	Single Color
	597-3202-507F	Orange	AllnGaP	605	160	2.2	110	1.3	20	10	Single Color
	597-3211-507F	Orange	GaAsP	612	10	2.0	110	1.3	20	10	Single Color
	597-3301-507F	Green	AllnGaP	573	25	2.2	110	1.3	20	10	Single Color
	597-3312-507F	Green	AllnGaP	560	18	2.1	110	1.3	20	10	Single Color
	597-3322-507F	Green	InGaN	525	140	3.2	110	1.3	20	10	Single Color
	597-3401-507F	Yellow	GaAsP	588	6.3	2.1	110	1.3	20	10	Single Color
	597-3402-507F	Yellow	AllnGaP	590	160	2.2	110	1.3	20	10	Single Color
	597-3502-507F	Yellow-Green	AllnGaP	572	25	2.2	110	1.3	20	10	Single Color
	597-3602-507F	Blue	InGaN	470	100	3.3	110	1.3	20	10	Single Color
	597-3902-507F	White	InGaN	x: 0.3 y: 0.3	900	3.2	110	1.3	20	10	Single Color
1210 Series Package (3.2mm X 2.7mm X Height)											
	597-7702-607F	Red/Green	GaAsP/GaP	621/569	12/15	2.0/2.1	130	1.1	20	11	Bi-Color
	597-7722-607F	Yellow/Green	GaP/GaAsP	588/569	9/15	2.1/2.1	130	1.1	20	11	Bi-Color
	598-8610-207F	Red / Green	AllnGaP	635 / 565	60 / 40	2 / 2	140	0.7	20	12	Bi-Color
	598-8621-207F	Red-Orange / Green	AllnGaP / InGaN	625 / 525	100 / 220	2 / 3.2	140	0.7	20	12	Bi-Color
	598-8631-207F	Red-Orange / Green	AllnGaP	625 / 568	110 / 40	2 / 2	140	0.7	20	12	Bi-Color
	598-8640-207F	Yellow / Green	AllnGaP	590 / 570	135 / 50	2 / 2	140	0.7	20	12	Bi-Color
	598-8660-207F	Yellow / Red	AllnGaP	590 / 640	135 / 50	2 / 2.2	140	0.7	20	12	Bi-Color
	598-8610-307F	Red / Green / Blue	AllnGaP	635 / 525 / 470	60 / 120 / 80	2 / 3.2 / 3.2	140	0.7	20	13	Tri-Color
	598-8920-307F	Red-Orange / Green / Blue	AllnGaP / InGaN / InGaN	625 / 525 / 470	120 / 150 / 60	2 / 3.2 / 3.2	140	0.7	20	13	Tri-Color
	598-8940-307F	Yellow / Green / Blue	AllnGaP / InGaN / InGaN	590 / 525 / 475	110 / 220 / 90	2 / 3.2 / 3.2	140	0.7	20	13	Tri-Color
1210 Series Package with Reflector (3.0mm X 2.5mm X Height)											
	597-7701-507F	Red/Green	GaAsP/GaP	653/575	6.3 / 16	2.0/2.2	100	1.3	20	14	Bi-Color
	597-7721-507F	Yellow/Green	GaAsP/GaP	589/575	6.3 / 21	2.1/2.2	100	1.3	20	14	Bi-Color


PLCC

PLCC	Dialight Part Number	Color	Material	Dom. Typ. (nm)	Intensity Typ. (mcd)	Forward Voltage Typ. (V)	Viewing Angle	Height	Test Current (mA)	Fig	Type
PLCC-2 Series Package with Reflector (3.5mm X 2.8mm X Height)											
	597-3001-207F	Red	GaAsP/GaP	620	10	2.0	120	1.9	20	24	Single Color
	597-3008-207F	Red	InGaAlP	630	12.6	1.8	120	1.9	2	24	Single Color
	597-3121-207F	Red	AlGaAs	645	35.5	1.75	120	1.9	10	24	Single Color
	597-3208-207F	Orange	InGaAlP	606	19.6	1.8	120	1.9	2	24	Single Color
	597-3211-207F	Orange	GaAsP/GaP	606	18.3	2.0	120	1.9	10	24	Single Color
	597-3231-207F	Yellow	AllnGaP	587	100	2.0	120	1.9	20	24	Single Color
	597-3301-207F	Green	GaAsP/GaP	570	19.6	2.0	120	1.9	10	24	Single Color
	597-3306-207F	Green	GaAlP	570	24	2.0	120	1.9	10	24	Single Color
	597-3308-207F	Green	InGaAlP	570	6.3	1.8	120	1.9	2	24	Single Color
	597-3401-207F	Yellow	GaAsP/GaP	587	12.6	2.0	120	1.9	10	24	Single Color
	597-3408-207F	Yellow	InGaAlP	587	15.7	1.8	120	1.9	2	24	Single Color
597-3601-207F	Blue	InGaN	465	11	3.5	120	1.9	10	24	Single Color	
597-3901-207F	White	InGaN	x: 0.32 y: 0.31	135	3.5	120	1.9	20	24	Single Color	
PLCC-4 Series Package with Reflector (3.5mm X 2.8mm X Height)											
	597-3029-207F	Red	InGaAlP	625	1800	2.15	120	1.9	50	25	Single Color
	597-3209-207F	Orange	InGaAlP	606	2240	2.15	120	1.9	50	25	Single Color
	597-3329-207F	Green	InGaN	525	1800	3.4	120	1.9	30	25	Single Color
	597-3409-207F	Yellow	InGaAlP	589	1800	2.15	120	1.9	50	25	Single Color
	597-3609-207F	Blue	InGaN	469	450	3.4	120	1.9	30	25	Single Color
	597-3909-207F	White	InGaN	x:0.30, y:0.28	1600	3.3	120	1.9	30	25	Single Color
	597-7701-207F	Red/Green	GaAsP/GaP	628/570	11.3/11.3	2.0	120	1.9	10	26	Bi-Color
	597-7721-207F	Yellow/Green	Gap/GaAsP	590/570	16/16	2.1/2.0	120	1.9	20	26	Bi-Color
	597-7731-207F	Red/Yellow	GaAlP	628/590	10.5/10.5	2.0/2.0	120	1.9	10	26	Bi-Color
	597-7741-207F	Orange/Green	GaAsP/GaP	606/570	11.3/17.6	2.0	120	1.9	10	26	Bi-Color
	597-7752-007F	Red/Green	AllnGaP/InGaN	625/525	350/850	2.0/3.15	120	1.9	20	26	Bi-Color
	597-7761-207F	Orange/Green	GaAsP/GaP	605/557	11.3/17.6	2.0	120	1.9	10	26	Bi-Color
	597-7781-207F	Red/Blue	InGaAlP/GaN	633/467	45/11	2.0/3.5	120	1.9	10	26	Bi-Color
	597-7712-207F	Red/ Green/ Blue	AllnGaP/ InGaN/ InGaN	617/ 528/ 470	190/ 370/ 98	2/3.5/3.6	120	1.9	20	27	Tri-Color

Reverse Mount

Reverse Mount	Dialight Part Number	Color	Material	Dom. Typ. (nm)	Intensity Typ. (mcd)	Forward Voltage Typ. (V)	Viewing Angle	Height	Test Current (mA)	Fig	Type
1206 Series Package (3.2mm X 1.6 X Height)											
	597-6001-607F	Red	AllnGaP	631	150	2.0	70	1.1	20	28	Single Color
	597-6201-607F	Orange	AllnGaP	605	260	2.0	70	1.1	20	28	Single Color
	597-6301-607F	Green	InGaN	525	410	3.0	70	1.1	20	28	Single Color
	597-6401-607F	Yellow	AllnGaP	587	240	2.0	70	1.1	20	28	Single Color
	597-6501-607F	Yellow-Green	AllnGaP	572	104	2.2	70	1.1	20	28	Single Color
	597-6601-607F	Blue	InGaN	470	112	3.0	70	1.1	20	28	Single Color
	597-6901-607F	White	InGaN	x.304,y.301	70	3	70	1.1	5	28	Single Color
	597-7703-607F	Red/Green	AllnGaP	631/571	55/45	2.0	130	1.1	20	29	Bi-Color
	597-7783-607F	Red/Blue	AllnGaP/InGaN	631/470	45/45	2.0/3.3	130	1.1	20	29	Bi-Color

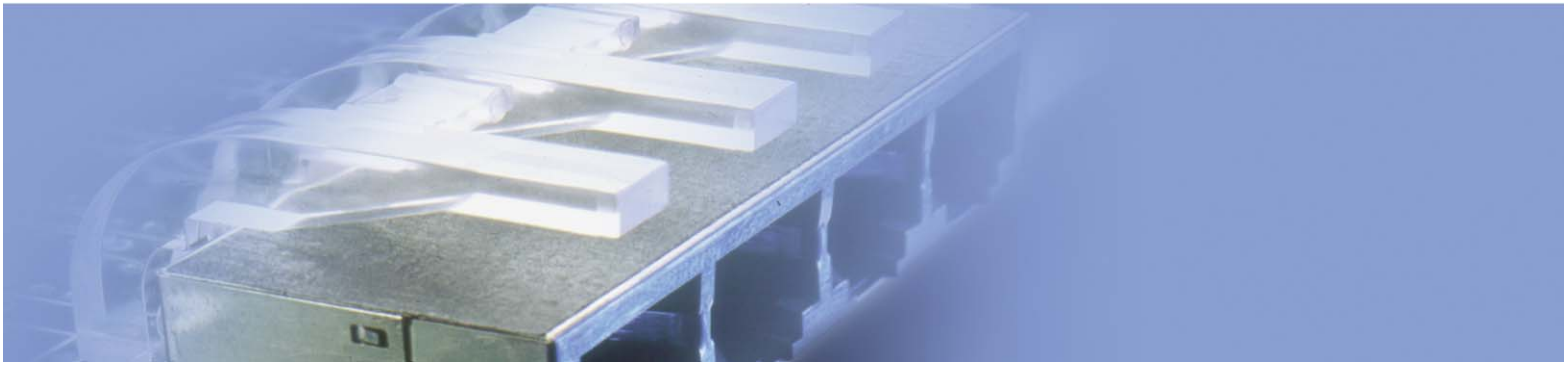
Right Angle

Right Angle	Dialight Part Number	Color	Material	Dom. λ Typ. (nm)	Intensity Typ. (mcd)	Forward Voltage Typ. (V)	Viewing Angle	Height	Test Current (mA)	Fig	Type
0605 Series Package (1.6mm X 1.15mm X Height)											
	597-2003-507F	Red	AllnGaP	630	40	2.2	135	0.55	20	15	Single Color
	597-2033-507F	Red	AllnGaP	620	63	2.2	135	0.55	20	15	Single Color
	597-2203-507F	Orange	AllnGaP	605	100	2.2	135	0.55	20	15	Single Color
	597-2403-507F	Yellow	AllnGaP	590	63	2.0	135	0.55	30	15	Single Color
	597-2503-507F	Yellow-Green	AllnGaP	572	25	2.2	135	0.55	20	15	Single Color
	597-2603-507F	Blue	InGaN	470	140	3.2	140	0.55	20	15	Single Color
	597-2903-507F	White	InGaN	x: 0.31 y: 0.31	170	3.1	150	0.55	10	15	Single Color
	597-2323-507F	Green	InGaN	527	56	3.0	140	0.55	5	15	Single Color

Dialight

Right Angle

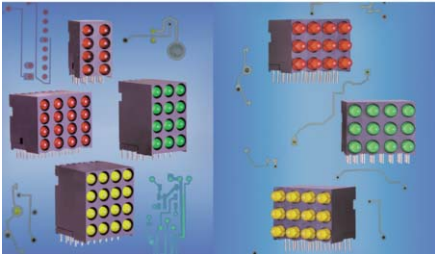
Right Angle	Dialight Part Number	Color	Material	Dom. λ Typ. (nm)	Intensity Typ. (mcd)	Forward Voltage Typ. (V)	Viewing Angle	Height	Test Current (mA)	Fig	Type
1208 Series Package (3.0mm X 2.0mm X Height)											
	597-2002-407F	Red	AllnGaP	626	50	1.9	130	1	20	16	Single Color
	597-2111-407F	Red	GaAlAs	647	12.4	1.7	130	1	20	16	Single Color
	597-2201-407F	Amber	GaAsP/GaP	606	3	2.2	130	1	20	16	Single Color
	597-2212-407F	Orange	AllnGaP	605	65	1.9	130	1	20	16	Single Color
	597-2222-407F	Yellow	AllnGaP	590	65	1.9	130	1	20	16	Single Color
	597-2311-407F	Green	GaP	567	5.2	2.1	130	1	20	16	Single Color
	597-2401-407F	Yellow	GaAsP/GaP	590	3	2.2	130	1	20	16	Single Color
597-2413-407F	Yellow	GaAsP/GaP	586	8.8	2.1	130	1	25	16	Single Color	
	597-2002-607F	Red	AllnGaP	631	125	2.0	130	1	20	17	Single Color
	597-2211-607F	Orange	AllnGaP	605	125	2.0	130	1	20	17	Single Color
	597-2222-607F	Yellow	AllnGaP	589	125	2.0	130	1	20	17	Single Color
	597-2501-607F	Green	AllnGaP	572	50	2.0	130	1	20	17	Single Color
	597-2601-607F	Green	InGaN	525	195	3.2	130	1	20	17	Single Color
	597-2901-607F	Blue	InGaN	470	125	3.0	130	1	20	17	Single Color
	597-2723-607F	Yellow/Green	AllnGaP	589/571	75/35	2.0	130	1	20	18	Bi-Color
597-2751-607F	Red/Green	AllnGaP	631/571	45/35	2.0	130	1	20	18	Bi-Color	
	597-2712-607F	Red/ Green/ Blue	AllnGaP/ InGaN/ InGaN	624/ 525/ 470	110/ 280/ 100	2/ 3.5/ 3.5	130	1	20	19	Tri-Color
1208 Series Package (3.2mm X 1.5mm X Height) Note size difference											
	598-8310-117F	Red	AllnGaP	635	40	2.2	160	1	20	20	Single Color
	598-8320-117F	Red-Orange	AllnGaP	625	150	2	160	1	20	20	Single Color
	598-8330-117F	Orange	AllnGaP	605	80	2	160	1	20	20	Single Color
	598-8340-117F	Yellow	AllnGaP	593	130	2	160	1	20	20	Single Color
	598-8350-117F	Yellow	AllnGaP	587	130	2	160	1	20	20	Single Color
	598-8360-117F	Yellow-Green	AllnGaP	573	40	2	160	1	20	20	Single Color
	598-8370-117F	Green	GaP	566	20	2	160	1	20	20	Single Color
	598-8380-117F	Green	InGaN	523	220	3.2	160	1	20	20	Single Color
	598-8391-117F	Blue	InGaN	473	90	3.2	160	1	20	20	Single Color
	598-8510-207F	Red / Green	AllnGaP	635 / 565	60 / 40	2 / 2	160	1	20	21	Bi-Color
	598-8520-207F	Red Orange / Green	AllnGaP	625 / 568	110 / 40	2	160	1	20	21	Bi-Color
	598-8530-207F	Orange / Green	AllnGaP	605 / 568	100 / 40	2 / 2	160	1	20	21	Bi-Color
	598-8540-207F	Yellow / Green	AllnGaP	590 / 570	135 / 50	2 / 2	160	1	20	21	Bi-Color
	598-8550-207F	Yellow / Green	AllnGaP / InGaN	592 / 530	120 / 120	2 / 3.2	160	1	20	21	Bi-Color
	598-8560-207F	Yellow / Red	AllnGaP	590 / 640	135 / 50	2 / 2.2	160	1	20	21	Bi-Color
	598-8810-307F	Red / Green / Blue	AllnGaP / InGaN / InGaN	635 / 525 / 470	60 / 120 / 90	2 / 3.2 / 3.2	160	1	20	22	Tri-Color
598-8820-307F	Red-Orange / Green / Blue	AllnGaP / InGaN / InGaN	625 / 525 / 470	120 / 150 / 60	2 / 3.2 / 3.2	160	1	20	22	Tri-Color	
598-8840-307F	Yellow / Green / Blue	AllnGaP / InGaN / InGaN	590 / 525 / 475	110 / 220 / 90	2 / 3.2 / 3.2	160	1	20	22	Tri-Color	
1616 Series Package with Reflector (4mm X 4mm X Height)											
	597-2001-213F	Red	Gap/GaAsP	630	7.8	1.8	120	3.6	2	23	Single Color
	597-2201-815F	Yellow	AllnGaP	587	590	2.1	120	3.6	20	23	Single Color
	597-2301-213F	Green	GaP/GaP	570	5.6	1.8	120	3.6	2	23	Single Color
	597-2321-816F	Green	InGaN	528	627	3.5	120	3.6	20	23	Single Color
	597-2401-213F	Yellow	Gap/GaAsP	587	14	1.8	120	3.6	2	23	Single Color
	597-2301-824F	Green	AllnGaP	570	78	2.0	120	3.6	20	23	Single Color
	597-2601-817F	Blue	InGaN	470	157	3.6	120	3.6	20	23	Single Color
	597-2901-822F	White	InGaN	x: 0.33 y: 0.33	532	3.6	120	3.6	20	23	Single Color



Other Opto Electronic Products
Offered by Dialight

40 Years of LED Experience

Through Hole CBI® Circuit Board Indicators



- ▷ Housed LEDs in variety of configurations including:
Right angle, vertical & horizontal ganged arrays in single bi, tri, and quad blocks
- ▷ 2mm, 3mm & 5mm
- ▷ Perfect for direct view or backlighting applications
- ▷ Variety of colors and LED types including:
Single & bi-color, diffused, water-clear, tinted, super-bright, & high efficiency
- ▷ Over 2,500 variations, with custom LED placement available
- ▷ RoHS compliant

CBI® Selector Guide

www.dialight.com/Assets/Brochures_And_Catalogs/Indication/CBI_Selector_Guide.pdf

Based LED Bulbs 585 & 586 Series



- ▷ Replaces traditional miniature incandescent bulbs with rugged long-lasting and energy-efficient LEDs
- ▷ Design incorporates the most common base styles including:
T 1 3/4 Midget Flange, Wedge Base and Bi-Pin, T 3 1/4 Mini-Bayonet and Mini-Screw, T2 Telephone Slide and 15 mm Bayonet
- ▷ Voltages from 6, 14 and 28 VDC, 6-36 VDC multi-voltage operation and 125 VAC with non-polarized versions available
- ▷ Colors include – red, green, yellow, blue and white
- ▷ Check *Dialight's Incandescent / Based LED Cross Reference* for our specific replacement part number

Based LED Selector Guide

http://www.dialight.com/Assets/Brochures_And_Catalogs/Indication/Based_LED_selector_guide.pdf

LED Panel Mount Indicators



- ▷ Incorporating the latest LED technology in a tamper-proof enclosure
- ▷ Variety of sizes from .156" – 1"
- ▷ Operating voltages 2-28 VDC, 125 and 230 VAC
- ▷ Some feature a water-tight seal to NEMA 4X / IP66
- ▷ Available in red, green, yellow, orange, blue, cyan and white
- ▷ 556 series is UL recognized, Class 1, Div. II certified versions available
- ▷ Relampable Data Lamp series is available
- ▷ Most use lock washer and nut for secure mounting

LED Panel Mount Indicator Selector Guide

www.dialight.com/Assets/Brochures_And_Catalogs/Indication/VER-5x0x.pdf

Optopipe® Light Pipes for use with Micro LED® SMD



- ▷ Light pipes act as conduit for directing light from SMD to viewing angles
- ▷ Right angle and vertical available in almost 200 sizes and shapes
- ▷ Provides ESD protection
- ▷ Allows edge lighting over and around a variety of components including SFP assemblies and RJ45 jacks
- ▷ UL 94V0
- ▷ Standard and custom available
- ▷ RoHS compliant

Optopipe® Light Pipes Selector Guide

www.dialight.com/Assets/Brochures_And_Catalogs/Indication/Lightpipe_Selector_Guide.pdf