



PARA LIGHT

LED Lamp Through Hole Lamp



PARA LIGHT ELECTRONICS CO., LTD.

11F, No. 8, Jiankang Rd., Zhonghe Dist., New Taipei City 23586, Taiwan

T +886-2-2225-3733 F +886-2-2225-4800 E para@para.com.tw

www.paralighttaiwan.com

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Company Profile

- Established in 1987
- Chairman : Mr. David Ma
- Capital : USD 37million
- No. of Employee : 1028

Founded in 1987, PARA LIGHT is now a global innovator and leader in visible and invisible LED fields. With two manufacturing plants certified with ISO 14001, ISO 9001, TS16969, and also complies with REACH and RoHS.

We offer advanced and beyond expectation R&D services based on the strongest lineup ever of 1,028 employees located in different countries and cities that includes more than 70 professional engineers, and 80 Quality Assurance squad.

About the product category, from the elementary LED component to furthur appliance such as UV sensor, LED back light, integrated light moudule, commercial lighting, automotive lighting and any lighting solution, PARA LIGHT keeps growing and expanding the products diversity in response to the global industry or market trend.

Taiwan HQ



● 11F, No. 8, Jiankang Rd., Zhonghe Dist. New Taipei City, 23586 Taiwan
 ● +886-2-2225-3733
 ● +886-2-2225-4800
 ● para@para.com.tw
 ● www.paralighttaiwan.com

Lianyungang Plant



● No.8, Wei Hai Rd., Guannan Economics Deveopment Zone, Lianyungang City, Jiangsu Province, 222500, China
 ● +86-518-8369-2888
 ● +86-518-8369-2899
 ● para@para.com.tw

Nanjing Plant



● No.1, Tangquan W. Rd., Tangshan Ave., Jianning Dist. Nanjing City, Jiansu Province, 211131 China
 ● +86-25-8410-7685
 ● +86-25-8410-7684
 ● para@para.com.tw

USA Office



● 515 Spanish Lane, Suite # A&B, Walnut, CA 91789, USA
 ● +1 (877) 377-PARA / +1 (909) 468-4866
 ● sales@paralightusa.com
 ● www.paralightusa.com

Quality Certification



IATF16949



ISO9001

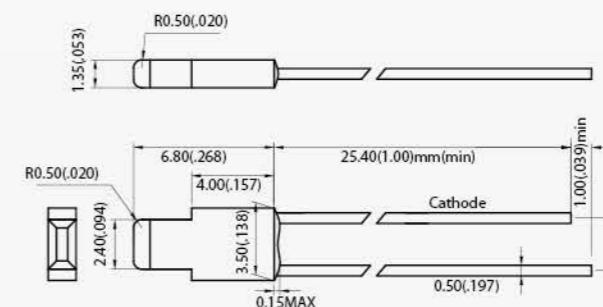


ISO14001



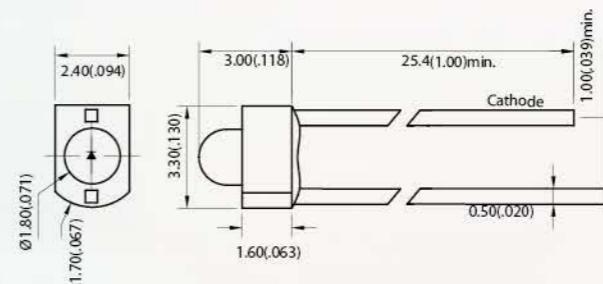
Tower**Application**

- Indicator
- IP camera
- Sign board
- IoT application
- Home appliances



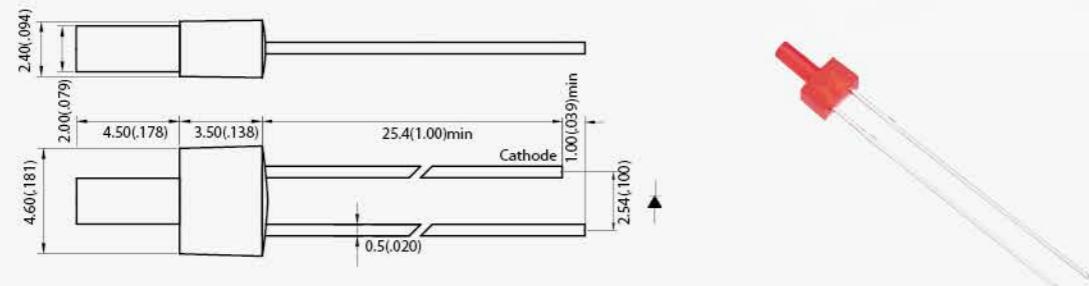
**L-CD41 Series
1.35 mm**

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_f(\text{V})$	Forward Current $I_f(\text{mA})$
L-CD41GD	LJS2GD777	Yellow Green	570	Green Diffused	5	140	1.9	20
L-CD41YD	LJS2YD776	Yellow	587	Yellow Diffused	6	140	2.1	20
L-CD41AD	LJS2AD775	Orange	605	Orange Diffused	6	140	2.1	20
L-CD41EW	LJS2EW774	Super Red	628	White Diffused	12	140	1.9	20



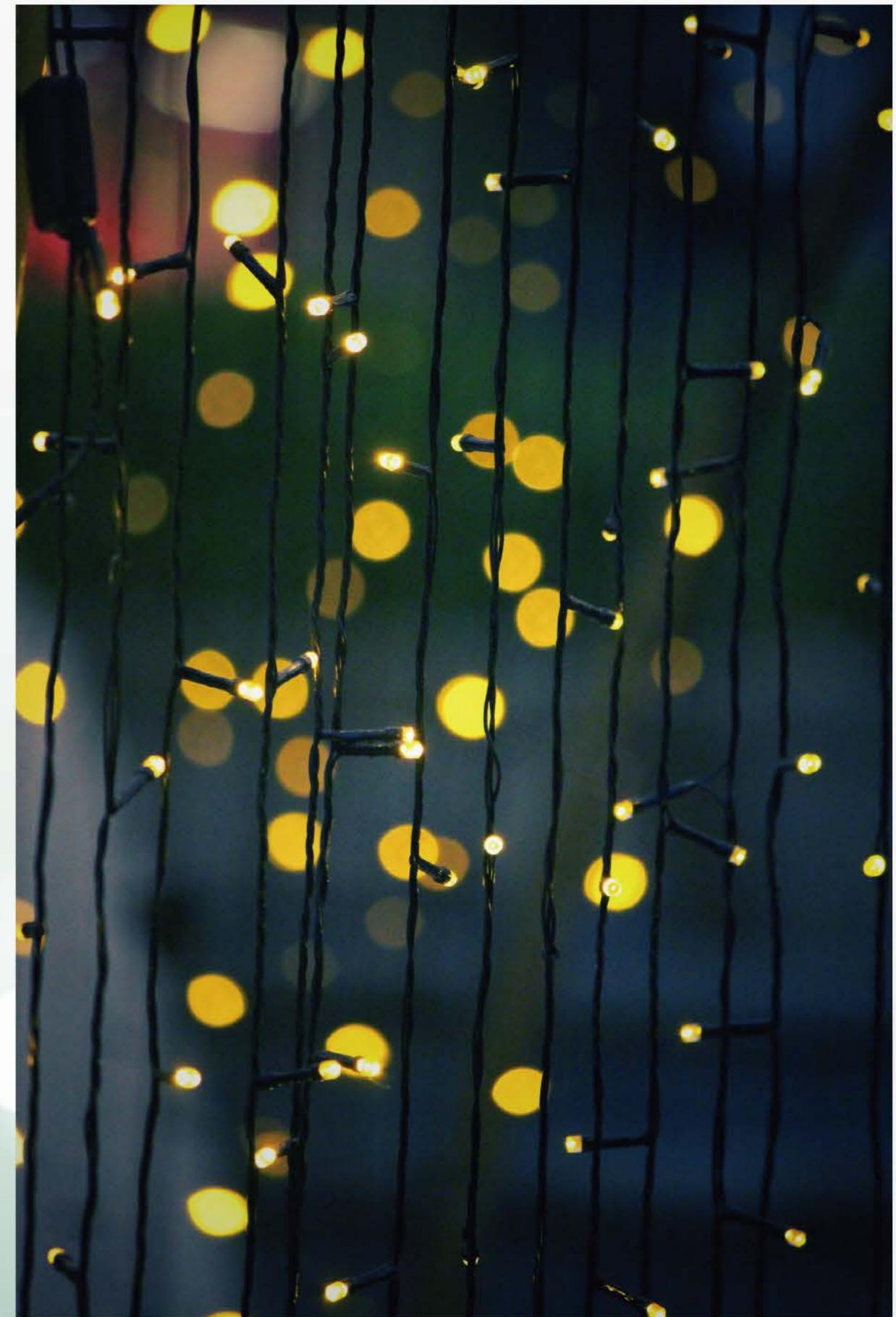
**L-204 Series
1.8 mm**

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_f(\text{V})$	Forward Current $I_f(\text{mA})$
L-204GD	LJR2GD998	Yellow Green	570	Green Diffused	15	60	1.9	20
L-204YD	LJR2YD997	Yellow	587	Yellow Diffused	12	60	2.1	20
L-204AD	LJR2AD999	Orange	605	Orange Diffused	18	60	2.1	20
L-204ED	LJR2ED996	Super Red	628	Red Diffused	25	60	1.9	20
L-204SRD	LJR2SRD995	Hyper Red	640	Red Diffused	100	60	1.9	20



L-214 Series
2 mm

Part No.	Part No.	Color	Wavelength λ_d (nm)/CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
L-214GD	LJR2GD993	Yellow Green	570	Green Diffused	10	90	1.9	20
L-214YD	LJR2YD992	Yellow	587	Yellow Diffused	10	90	2.1	20
L-214AD	LJR2AD994	Orange	605	Orange Diffused	15	90	2.1	20
L-214ED	LJR2ED991	Super Red	628	Red Diffused	20	90	1.9	20
L-214SRD	LJR2SRD990	Hyper Red	640	Red Diffused	50	90	1.9	20



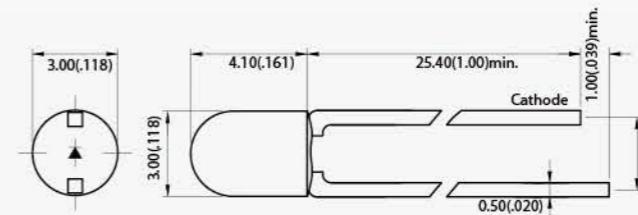
Round

Round



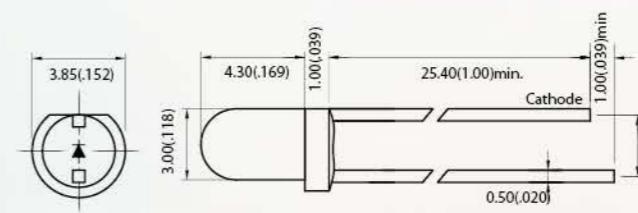
Application

- Indicator
- IP camera
- Sign board
- IoT
- Home appliances



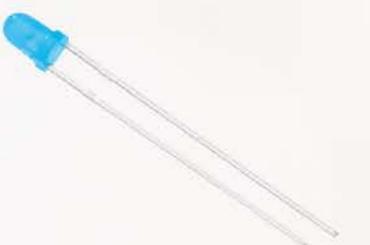
L-304 Series
3 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x.y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_f(\text{V})$	Forward Current $I_f(\text{mA})$
L-304GD	LJR3GD987	Yellow Green	570	Green Diffused	12	60	1.9	20
L-304YD	LJR3YD986	Yellow	587	Yellow Diffused	25	60	2.1	20
L-304AD	LJR3AD989	Orange	605	Orange Diffused	12	60	2.1	20
L-304ED	LJR3ED985	Super Red	628	Red Diffused	20	60	1.9	20
L-304SRD	LJR3SRD984	Hyper Red	640	Red Diffused	45	60	1.9	20



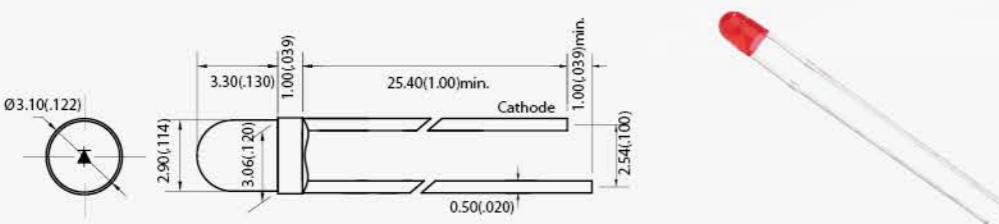
L-314 Series
3 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x.y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_f(\text{V})$	Forward Current $I_f(\text{mA})$
L-314UB5D	LJR3UB5D978	Blue	465	Blue Diffused	300	60	3	20
L-314LPG6D	LJR3LPG6D983	Green	525	Green Diffused	500	60	3	20
L-314GD	LJR3GD982	Yellow Green	570	Green Diffused	20	60	1.9	20
L-314YD	LJR3YD981	Yellow	587	Yellow Diffused	15	60	2.1	20
L-314AD	LJR3AD979	Orange	605	Orange Diffused	40	60	2.1	20
L-314ED	LJR3ED980	Super Red	628	Red Diffused	50	60	1.9	20
L-314SRD	LJR3SRD977	Hyper Red	640	Red Diffused	80	60	1.9	20

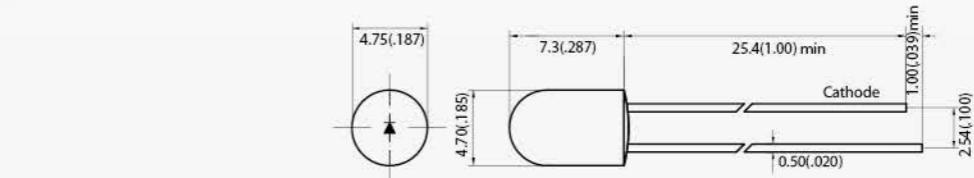


Round

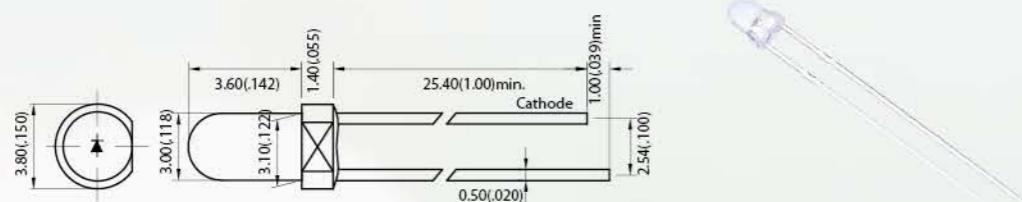
Round

L-354 Series
3 mm

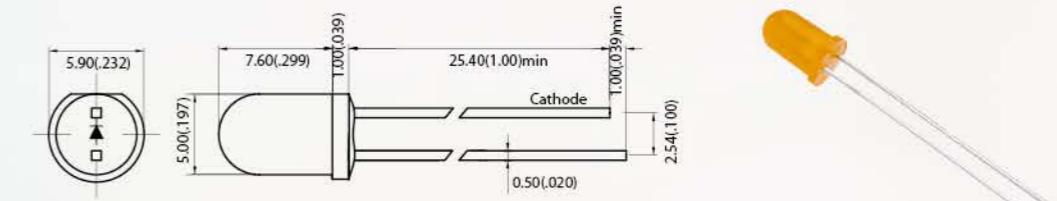
Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-354GD	LJR3GD971	Yellow Green	570	Green Diffused	20	60	1.9	20
L-354YD	LJR3YD972	Yellow	587	Yellow Diffused	15	60	2.1	20
L-354AD	LJR3AD970	Orange	605	Orange Diffused	14	60	2.1	20
L-354ED	LJR3ED969	Super Red	628	Red Diffused	40	60	1.9	20
L-354SRD	LJR3SRD968	Hyper Red	640	Red Diffused	40	60	1.9	20

L-503 Series
5 mm

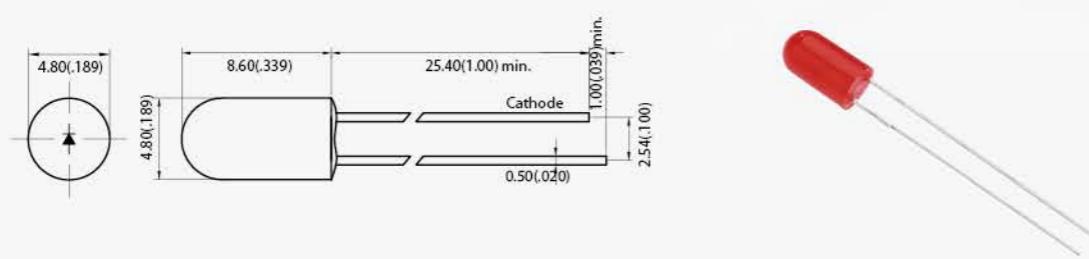
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L-503GD	LJR5GD914	Yellow Green	570	Green Diffused	20	60	2	20
L-503YD	LJR5YD913	Yellow	587	Yellow Diffused	15	60	2.1	20
L-503AD	LJR5AD915	Orange	605	Orange Diffused	12	60	2.1	20
L-503ED	LJR5ED912	Super Red	628	Red Diffused	20	60	1.9	20
L-503SRD	LJR5SRD911	Hyper Red	640	Red Diffused	40	60	1.9	20

L-3U4 Series
3 mm

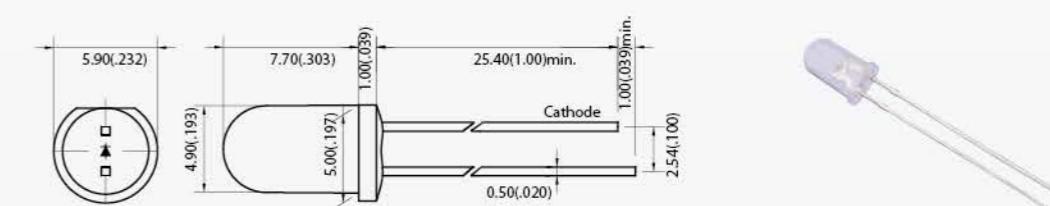
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L-3U4UB5C	LJR3UB5C956	Blue	465	Water Clear	2500	25	3	20
L-3U4LPG6C	LJR3LPG6C961	Green	525	Water Clear	2000	25	3	20
L-3U4GD	LJR3GD960	Yellow Green	570	Green Diffused	20	60	1.9	20
L-3U4VG3C	LJR3VG3C957	Yellow Green	570	Water Clear	300	25	1.9	20
L-3U4YD	LJR3YD959	Yellow	587	Yellow Diffused	15	60	2.1	20
L-3U4AD	LJR3AD957	Orange	605	Orange Diffused	25	60	2.1	20
L-3U4ED	LJR3ED958	Super Red	628	Red Diffused	25	60	1.9	20
L-3U4SRD	LJR3SRD956	Hyper Red	640	Red Diffused	100	60	1.9	20

L-513 Series
5 mm

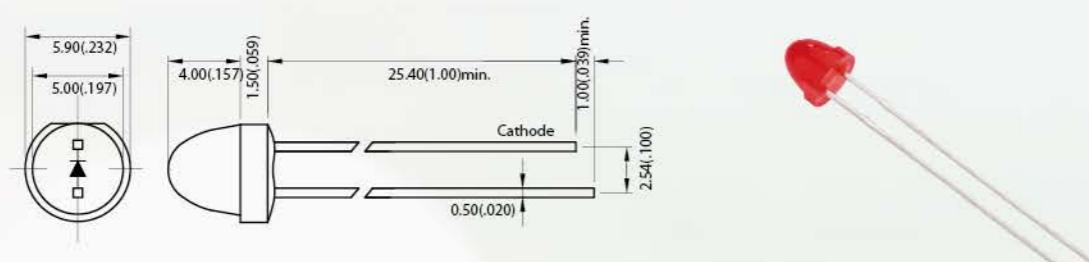
Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-513LPG6C	LJR5LPG6C906	Green	525	Water Clear	2800	15	3	20
L-513GD	LJR5GD731	Yellow Green	570	Green Diffused	13	60	1.9	20
L-513VG3C	LJR5VG3C909	Yellow Green	570	Water Clear	600	15	1.9	20
L-513YD	LJR5YD730	Yellow	587	Yellow Diffused	15	60	2.1	20
L-513VY5C	LJR5VY5C908	Yellow	587	Water Clear	3500	15	1.9	20
L-513AD	LJR5AD732	Orange	605	Orange Diffused	15	60	2.1	20
L-513ED	LJR5ED729	Super Red	628	Red Diffused	30	60	1.9	20
L-513VE2C	LJR5VE2C910	Super Red	628	Water Clear	4500	15	1.9	20
L-513SRD	LJR5SRD728	Hyper Red	640	Red Diffused	50	60	1.9	20

RoundL-523 Series
5 mm

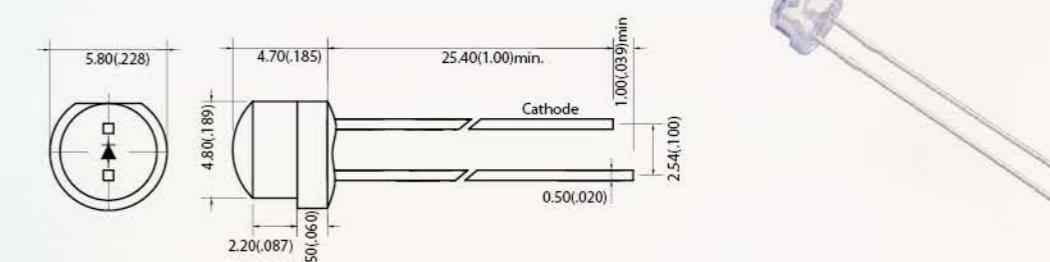
Part No.	Part No.	Color	Wavelength λ (nm)/CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
L-523GD	LJR5GD903	Yellow Green	570	Green Diffused	14	60	1.9	20
L-523YD	LJR5YD902	Yellow	587	Yellow Diffused	15	60	2.1	20
L-523AD	LJR5AD904	Orange	605	Orange Diffused	15	60	2.1	20
L-523ED	LJR5ED901	Super Red	628	Red Diffused	30	60	1.9	20
L-523SRD	LJR5SRD900	Hyper Red	640	Red Diffused	40	60	1.9	20

RoundL-5T47 Series
5 mm

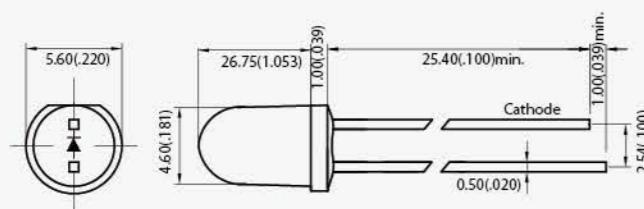
Part No.	Part No.	Color	Wavelength λ (nm)/CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
L-5T47UW5C-C	LJR5UW5C774	White	(0.2, 0.26)	Water Clear	5000	40	3	20
L-5T47UW5C-N	LOR5UW5C038G	White	(0.29, 0.3)	Water Clear	3000	40	3	20
L-5T47UW5C-W	LPR5UW5C159G	White	(0.58, 0.41)	Water Clear	7200	40	3	20

L-593 Series
5 mm

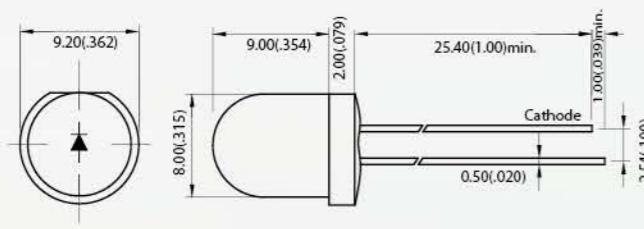
Part No.	Part No.	Color	Wavelength λ (nm)/CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
L-5947UB5D	LJR5UB5D883	Blue	465	Blue Diffused	200	80	3	20
L-593GD	LJR5GD887	Yellow Green	570	Green Diffused	20	80	1.9	20
L-593YD	LJR5YD886	Yellow	587	Yellow Diffused	15	80	2.1	20
L-593AD	LJR5AD888	Orange	605	Orange Diffused	18	80	2.1	20
L-593ED	LJR5ED885	Super Red	628	Red Diffused	25	80	1.9	20
L-593SRD	LJR5SRD884	Hyper Red	640	Red Diffused	40	80	1.9	20

L-5P47 Series
5 mm

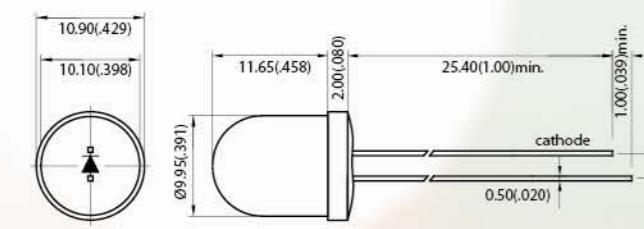
Part No.	Part No.	Color	Wavelength λ (nm)/CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
L-5P47UW5C-BL	LJR5UW5C766	White	(0.2, 0.26)	Water Clear	1500	3.8	3.1	90
L-5P47QWC	LJR5QWC768	White	(0.21, 0.34)	Water Clear	1200	3.8	3.1	90
L-5P47UW5C	LJR5UW5C769	White	(0.26, 0.27)	Water Clear	1500	3.8	3.1	90
L-5P47UW5C-E	LJR5UW5C767	White	(0.44, 0.41)	Water Clear	1500	3.8	3.1	90

RoundL-5347 Series
5 mm

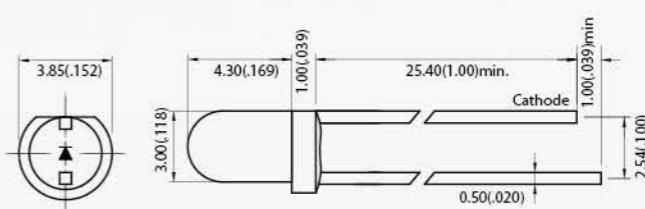
Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-5347UW5C-C	LJR5UW5C770	○ White	(0.2, 0.26)	Water Clear	5500	20	3	20
L-5347UW5C	LJR5UW5C773	○ White	(0.3, 0.29)	Water Clear	5000	20	3	20
L-5347UW5C-E	LJR5UW5C771	○ White	(0.44, 0.41)	Water Clear	5500	20	3	20

L-813 Series
8 mm

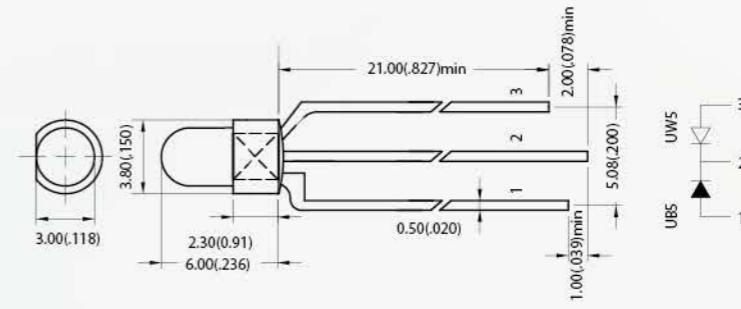
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L-813GD	LJR8GD806	● Yellow Green	570	Green Diffused	5	150	1.9	20
L-813YD	LJR8YD805	● Yellow	587	Yellow Diffused	3	150	2.1	20
L-813ED	LJR8ED804	● Super Red	628	Red Diffused	10	150	1.9	20
L-813SRD	LJR8SRD803	● Hyper Red	640	Red Diffused	30	150	1.9	20

L-833 Series
10 mm

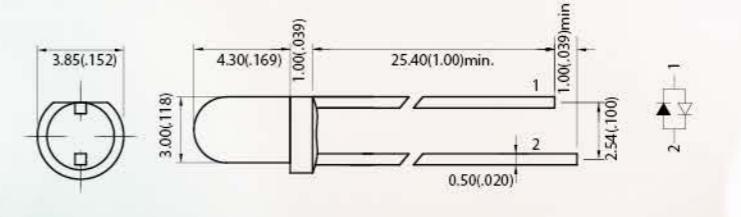
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L-833GD	LJRAGD801	● Yellow Green	570	Green Diffused	5	150	1.9	20
L-833YD	LJRAYD800	● Yellow	587	Yellow Diffused	3	150	2.1	20
L-833ED	LJRAED799	● Super Red	628	Red Diffused	10	150	1.9	20
L-833SRD	LJRASRD798	● Hyper Red	640	Red Diffused	15	150	1.9	20

Round Dual ColorL-314 Series
3 mm

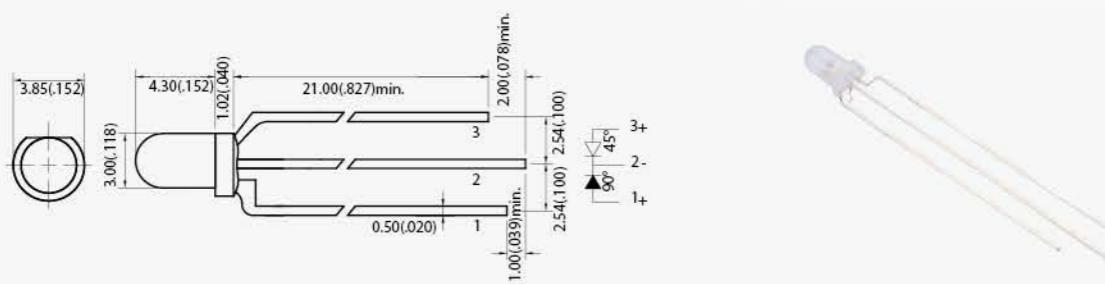
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L314UB5UW5W	LOR3UB5UW5W153G	● Blue	465	White Diffused	150	80	3	20
		○ White	(0.29, 0.3)	White Diffused	300	80	3	20

L-3T9 Series
3 mm

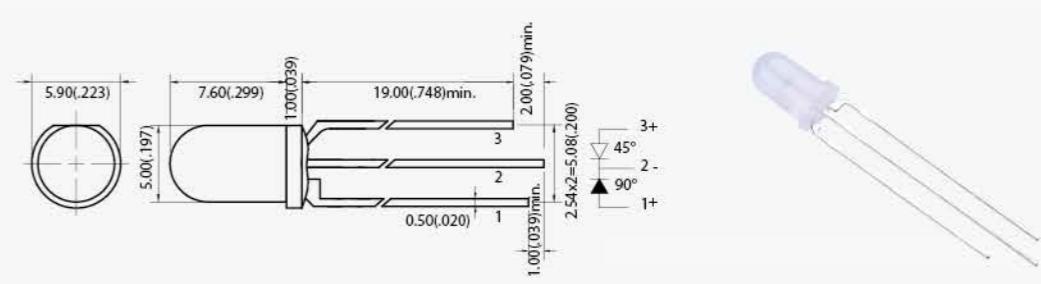
Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L3T9UB5UW5W	LRR3UB5UW5W210G	● Blue	465	White Diffused	154	120	3	20
		○ White	(0.285, 0.28)	White Diffused	448	120	3	20

L-317 Series
3 mm

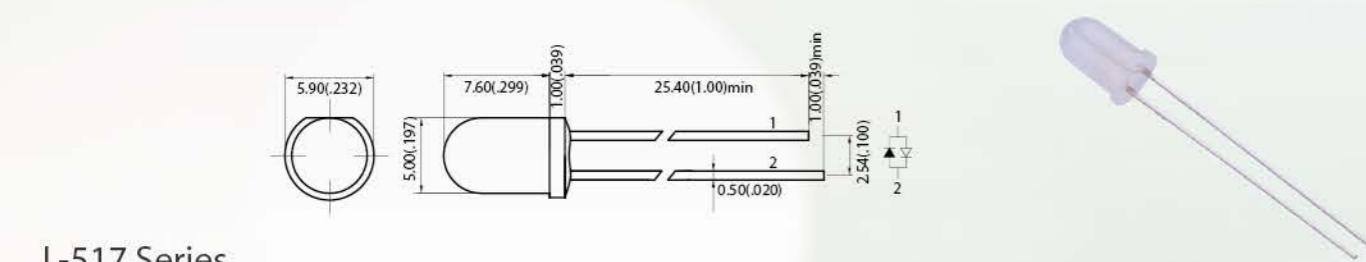
Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-317SRVG3W	LJR3SRVG3W763	● Hyper Red	640	White Diffused	12	50	1.9	20
		● Yellow Green	570	White Diffused	20	50	1.9	20
L-317EGW	LJR3EGW764	● Super Red	628	White Diffused	20	50	1.9	20
		● Yellow Green	570	White Diffused	18	50	1.9	20
L-317GYW	LJR3GYW765	● Yellow	587	White Diffused	10	50	1.9	20
		● Yellow Green	570	White Diffused	18	50	1.9	20

Round Dual ColorL-319 Series
3 mm

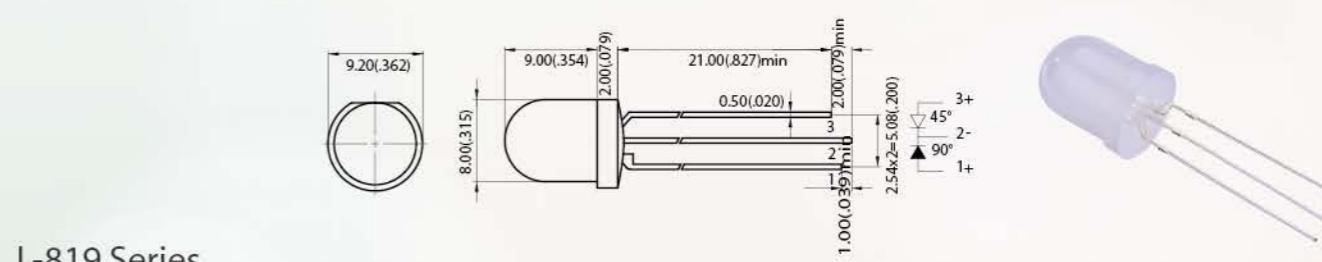
Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-319EGW	LJR3EGW756	Super Red	628	White Diffused	30	60	1.9	20
		Yellow Green	570	White Diffused	18	60	1.9	20
L-319GYW	LJR3GYW757	Yellow	587	White Diffused	15	60	2.1	20
		Yellow Green	570	White Diffused	18	60	1.9	20

Round Dual ColorL-519 Series
5 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-519EYW	LJR5EYW748	Super Red	628	White Diffused	25	120	1.9	20
		Yellow	587	White Diffused	12	120	2.1	20
L-519EGW	LJR5EGW749	Super Red	628	White Diffused	20	120	1.9	20
		Yellow Green	570	White Diffused	10	120	2	20
L-519GYW	LJR5GYW750	Yellow	587	White Diffused	5	120	2.1	20
		Yellow Green	570	White Diffused	10	120	2	20
L519VEALPG6W	LTR5VEALPG6W171G	Super Red	628	White Diffused	290	120	2.1	20
		Green	525	White Diffused	920	120	3	20

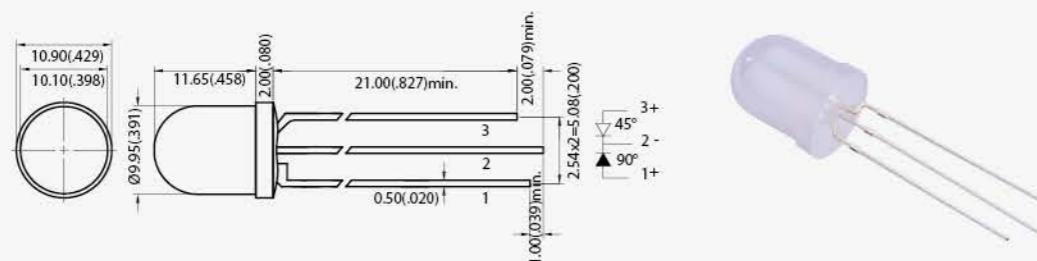
L-517 Series
5 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-517EGW	LJR5EGW759	Super Red	628	White Diffused	10	120	1.9	20
		Yellow Green	570	White Diffused	7	120	1.9	20
L-517UB5LY5W	LJR5UB5LY5W758	Yellow	587	White Diffused	300	120	1.9	20
		Blue	465	White Diffused	400	120	3	20
L-517GYW	LJR5GYW760	Yellow	587	White Diffused	5	120	2.1	20
		Yellow Green	570	White Diffused	10	120	1.9	20

L-819 Series
8 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-819EGW	LJR8EGW746	Super Red	628	White Diffused	25	140	1.9	20
		Yellow Green	570	White Diffused	20	140	1.9	20
L-819GYW	LJR8GYW747	Yellow	587	White Diffused	15	140	2.1	20
		Yellow Green	570	White Diffused	20	140	2	20

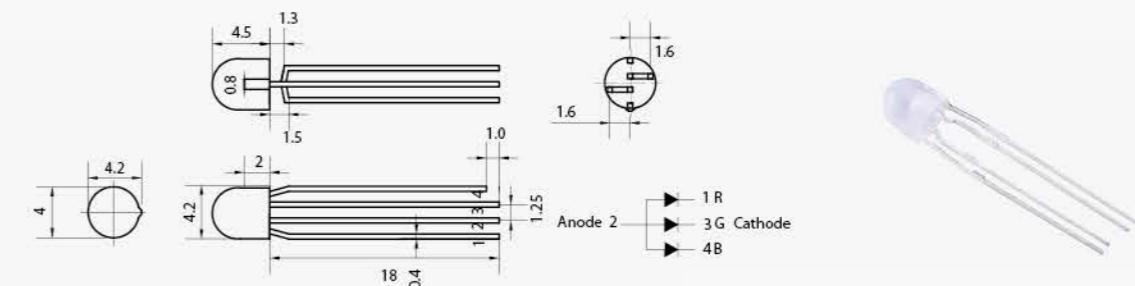
Round Dual Color



L-839 Series
10 mm

Part No.	Part No.	Color	Wavelength λ d(nm)/ CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
L-839EYW	LJR8EYW743	● Super Red	628	White Diffused	20	120	1.9	20
		● Yellow	570	White Diffused	8	120	2.1	20
L-839EGW	LJR8EGW744	● Super Red	628	White Diffused	20	120	1.9	20
		● Yellow Green	570	White Diffused	12	120	1.9	20
L-839GYW	LJR8GYW745	● Yellow	587	White Diffused	7	120	2.1	20
		● Yellow Green	570	White Diffused	10	120	1.9	20

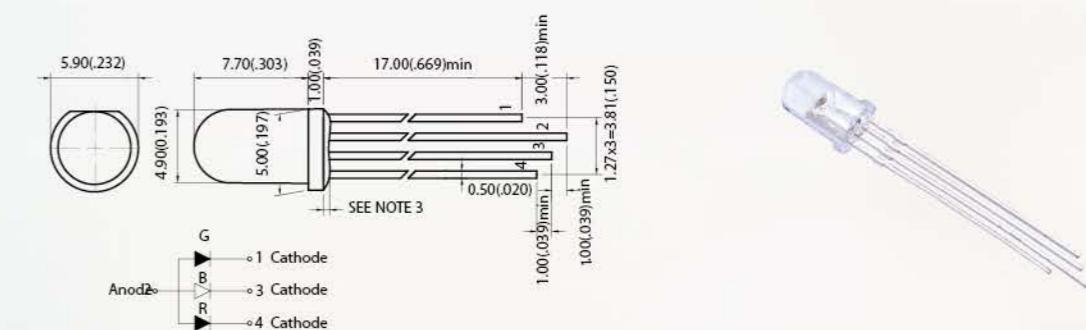
Round RGB



L-4X9 Serie
4 mm

Part No.	Part No.	Color	Wavelength λ d(nm)/ CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
L4X9RGBW	LOR4RGBW341G	● Super Red	628	White Diffused	80	20	1.9	20
		● Green	525	White Diffused	250	20	3	20
		● Blue	465	White Diffused	45	20	3	20

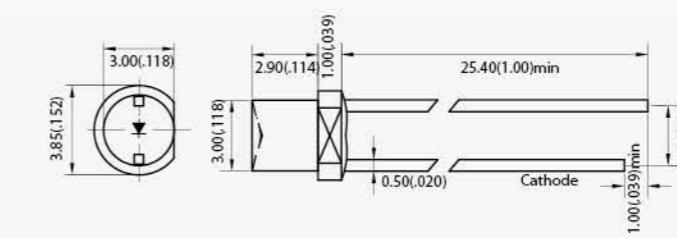
L-5TB Series 5 mm



Part No.	Part No.	Color	Wavelength λd(nm)/ CIE (x,y)	Resin Type	Typ. Luminous Intensity I _v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V _f (V)	Forward Current I _f (mA)
L5T8RGBC	LQR5RGBC001G	● Super Red	628	White Diffused	3000	30	1.9	20
		● Green	525	White Diffused	5600	30	3	20
		● Blue	465	White Diffused	1300	30	3	20

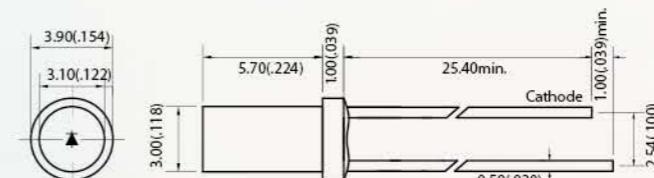
Cylindrical**Application**

- Indicator
- IP camera
- Sign board
- IoT
- Home appliances



**L-334 Series
3 mm**

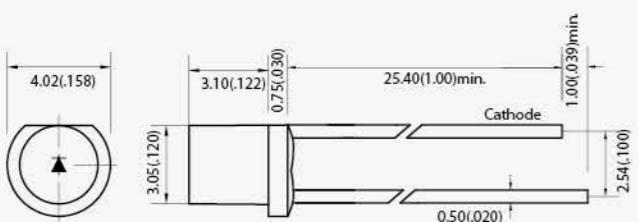
Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_f(\text{V})$	Forward Current $I_f(\text{mA})$
L-334GD	LJR3GD976	Yellow Green	570	Green Diffused	2	150	1.9	20
L-334YD	LJR3YD975	Yellow	587	Yellow Diffused	0.8	150	2.1	20
L-334AD	LJR3AD977	Orange	605	Orange Diffused	4	150	2.1	20
L-334ED	LJR3ED974	Super Red	628	Red Diffused	15	150	1.9	20
L-334SRD	LJR3SRD973	Hyper Red	640	Red Diffused	20	150	1.9	20



**L-3N4 Series
3 mm**

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_f(\text{V})$	Forward Current $I_f(\text{mA})$
L-3N4GD	LJR3GD965	Yellow Green	570	Green Diffused	6	150	1.9	20
L-3N4YD	LJR3YD964	Yellow	587	Yellow Diffused	4	150	2.1	20
L-3N4ED	LJR3ED963	Super Red	628	Red Diffused	10	150	1.9	20
L-3N4SRD	LJR3SRD962	Hyper Red	640	Red Diffused	20	150	1.9	20



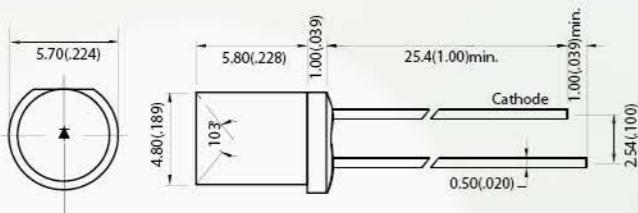


L-6V4 Series
3 mm

Part No.	Part No.	Color	Wavelength λ d(nm)/CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
L-6V4GD	LJR3GD976	Yellow Green	570	Green Diffused	12	110	1.9	20
L-6V4YD	LJR3YD975	Yellow	587	Yellow Diffused	10	110	2.1	20
L-6V4AD	LJR3AD977	Orange	605	Orange Diffused	10	110	2.1	20
L-6V4ED	LJR3ED974	Super Red	628	Red Diffused	15	110	1.9	20

L-573 Series
5 mm

Part No.	Part No.	Color	Wavelength λ d(nm)/CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
L-573GD	LJR5GD892	Yellow Green	570	Green Diffused	5	150	1.9	20
L-573YD	LJR5YD891	Yellow	587	Yellow Diffused	4	150	2.1	20
L-573AD	LJR5AD893	Orange	605	Orange Diffused	10	150	2.1	20
L-573ED	LJR5ED890	Super Red	628	Red Diffused	10	150	1.9	20
L-573SRD	LJR5SRD889	Hyper Red	640	Red Diffused	15	150	1.9	20

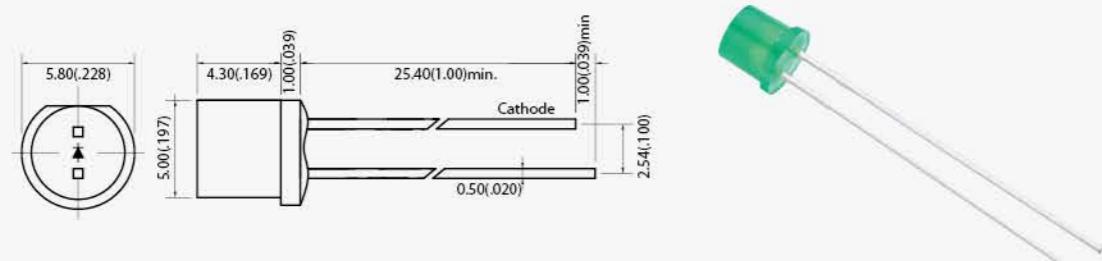


L-553 Series
5 mm

Part No.	Part No.	Color	Wavelength λ d(nm)/CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I (mA)
L-5547UB5C	LJR5UB5C894	Blue	465	Water Clear	120	120	3.0	20
L-553GD	LJR5GD898	Yellow Green	570	Green Diffused	12	150	1.9	20
L-553YD	LJR5YD897	Yellow	587	Yellow Diffused	0.8	150	2.1	20
L-553AD	LJR5AD899	Orange	605	Orange Diffused	3	150	2.1	20
L-553ED	LJR5ED896	Super Red	628	Red Diffused	3	150	1.9	20
L-553SRD	LJR5SRD895	Hyper Red	640	Red Diffused	4	150	1.9	20

L-5C3 Series
5 mm

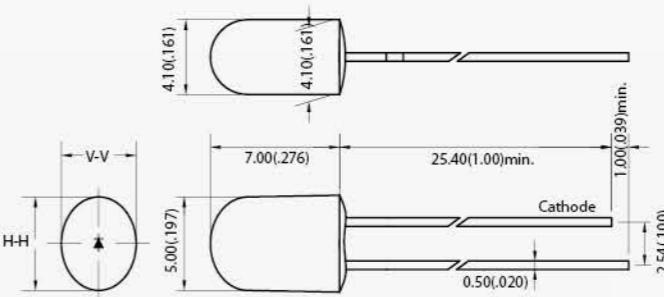
Part No.	Part No.	Color	Wavelength λ d(nm)/CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
L-5C3GD	LJR5GD881	Yellow Green	570	Green Diffused	5	150	1.9	20
L-5C3YD	LJR5YD880	Yellow	587	Yellow Diffused	4	150	2.1	20
L-5C3ED	LJR5ED879	Super Red	628	Red Diffused	10	150	1.9	20
L-5C3SRD	LJR5SRD878	Hyper Red	640	Red Diffused	15	150	1.9	20



L-5N3 Series
5 mm

Part No.	Part No.	Color	Wavelength λ_d (nm)/CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
L-5N47UB5C	LJR5UB5C869	● Blue	465	Water Clear	500	100	3	20
L-5N47LPG6C	LJR5LPG6C870	● Green	525	Water Clear	1500	100	3	20
L-5N3GD	LJR5GD874	● Yellow Green	570	Green Diffused	6	150	1.9	20
L-5N3YD	LJR5YD873	● Yellow	587	Yellow Diffused	4	150	2.1	20
L-5N3ED	LJR5ED872	● Super Red	628	Red Diffused	12	150	1.9	20
L-5N3SRD	LJR5SR5D871	● Hyper Red	640	Red Diffused	10	150	1.9	20



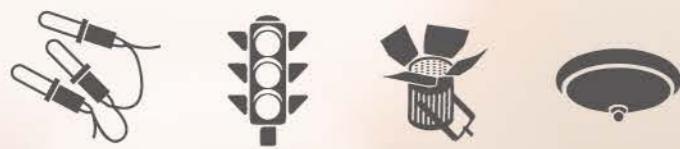
Oval

**L-7Q3 Series
5x4 mm**

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-7Q3UB5C	LJE5UB5C824	● Blue	465	Water Clear	1700	4525	3	20
L-7Q3VG3C	LJE5VG3C825	● Yellow Green	570	Water Clear	800	4525	1.9	20
L-7Q3VYAC	LJE5VYAC826	● Yellow	587	Water Clear	2500	4525	1.9	20
L-7Q3VEAC	LJE5VEAC827	● Super Red	628	Water Clear	2500	4525	1.9	20

Application

- Indicator
- IP camera
- Sign board
- IoT
- Home appliances



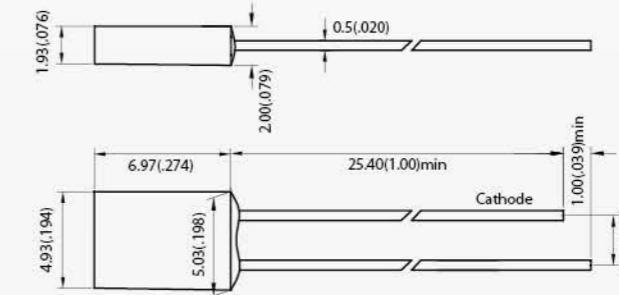
Rectangular

Rectangular

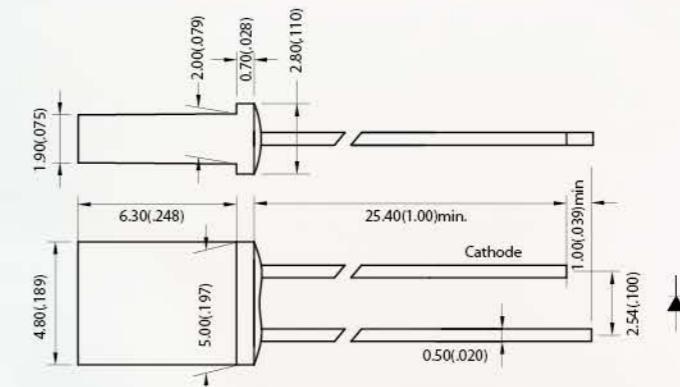


Application

- Indicator
- IP camera
- Sign board
- IoT
- Home appliances

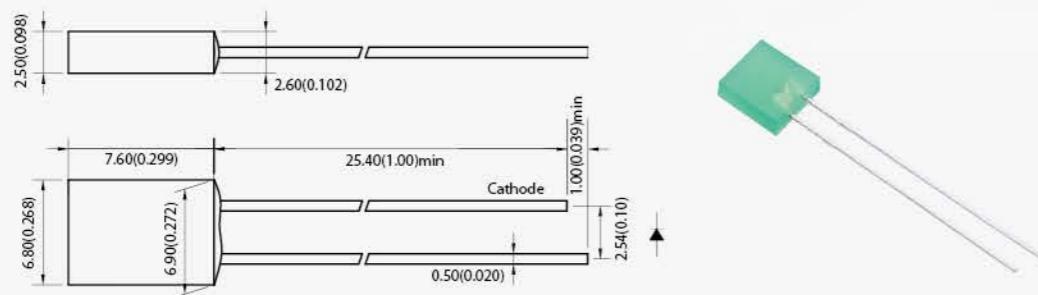
L-403 Series
2x5x7 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-403GD	LJS5GD954	Yellow Green	570	Green Diffused	10	120	1.9	20
L-403YD	LJS5YD953	Yellow	587	Yellow Diffused	5	120	2.1	20
L-403AD	LJS5AD955	Orange	605	Orange Diffused	6	120	2.1	20
L-403ED	LJS5ED952	Super Red	628	Red Diffused	12	120	1.9	20
L-403SRD	LJS5SRD951	Hyper Red	640	Red Diffused	40	120	1.9	20

L-413 Series
2x5x7 mm

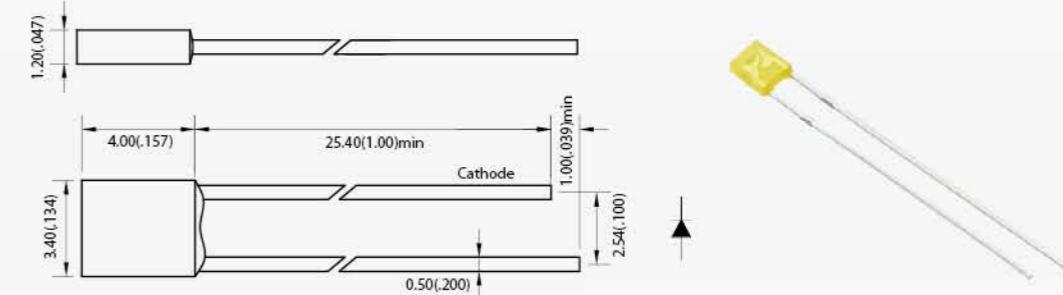
Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-413GD	LJS5GD945	Yellow Green	570	Green Diffused	12	120	1.9	20
L-413YD	LJS5YD948	Yellow	587	Yellow Diffused	2.5	120	2.1	20
L-413AD	LJS5AD9949	Orange	605	Orange Diffused	8	120	2.1	20
L-413ED	LJS5ED947	Super Red	628	Red Diffused	8	120	1.9	20
L-403SRD	LJS5SRD946	Hyper Red	640	Red Diffused	15	120	1.9	20

Rectangular

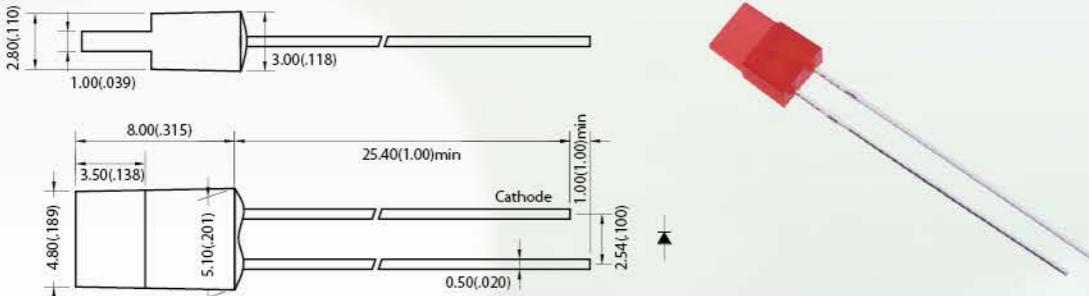
L-423 Series
2.5x7.0x7.5 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-423GD	LJS7GD943	Yellow Green	570	Green Diffused	6	110	1.9	20
L-423YD	LJS7YD942	Yellow	587	Yellow Diffused	5	110	2.1	20
L-423AD	LJS7AD944	Orange	605	Orange Diffused	5	110	2.1	20
L-423ED	LJS7ED941	Super Red	628	Red Diffused	6	110	1.9	20
L-423SRD	LJS7SRD940	Hyper Red	640	Red Diffused	15	110	1.9	20

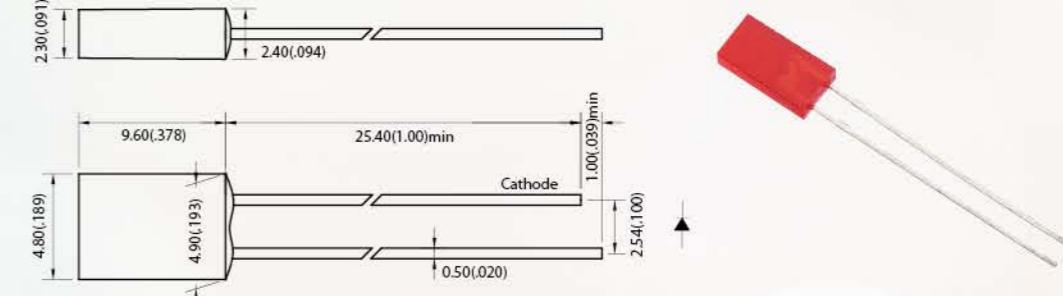
Rectangular

L-454 Series
1.2x3.4x4.0 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-454GD	LJS3GD933	Yellow Green	570	Green Diffused	8	150	1.9	20
L-454YD	LJS3YD932	Yellow	587	Yellow Diffused	6	150	2.1	20
L-454AD	LJS3AD934	Orange	605	Orange Diffused	5	150	2.1	20
L-454ED	LJS3ED931	Super Red	628	Red Diffused	3	150	1.9	20
L-454SRD	LJS3SRD930	Hyper Red	640	Red Diffused	20	150	1.9	20

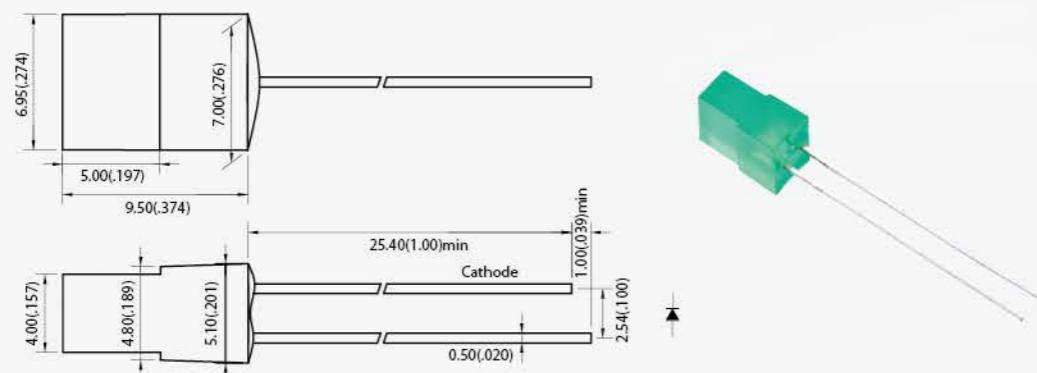
L-443 Series
1x5x8 mmL-443 Series
1x5x8 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-443GD	LJS4GD938	Yellow Green	570	Green Diffused	5	120	2	20
L-443YD	LJS4YD937	Yellow	587	Yellow Diffused	2	120	2.1	20
L-443AD	LJS4AD939	Orange	605	Orange Diffused	8	120	2.1	20
L-443ED	LJS4ED936	Super Red	628	Red Diffused	8	120	1.9	20
L-443SRD	LJS4SRD935	Hyper Red	640	Red Diffused	15	120	1.9	20

L-463 Series
2.0x4.8x9.6 mm

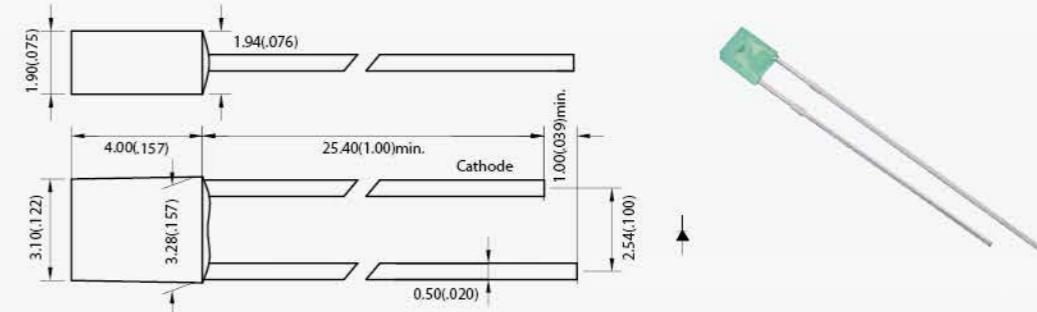
Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-463GD	LJS5GD928	Yellow Green	570	Green Diffused	10	120	1.9	20
L-463YD	LJS5YD927	Yellow	587	Yellow Diffused	5	120	2.1	20
L-463AD	LJS5AD929	Orange	605	Orange Diffused	8	120	2.1	20
L-463ED	LJS5ED926	Super Red	628	Red Diffused	20	120	1.9	20
L-463SRD	LJS5SRD925	Hyper Red	640	Red Diffused	40	120	1.9	20

Rectangular

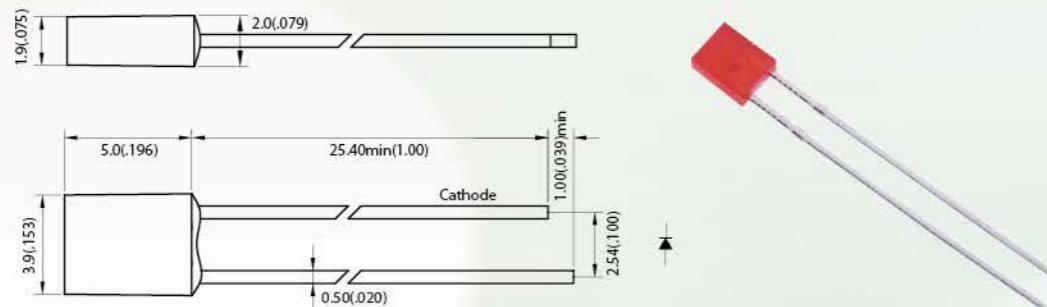
L-473 Series
4.0x7.0x9.5 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-473GD	LJS4GD925	Yellow Green	570	Green Diffused	5	150	1.9	20
L-473YD	LJS4YD924	Yellow	587	Yellow Diffused	4	150	2.1	20
L-473AD	LJS4AD926	Orange	605	Orange Diffused	5	150	2.1	20
L-473ED	LJS4ED923	Super Red	628	Red Diffused	20	150	1.9	20
L-473SRD	LJS4SRD922	Hyper Red	640	Red Diffused	50	150	1.9	20

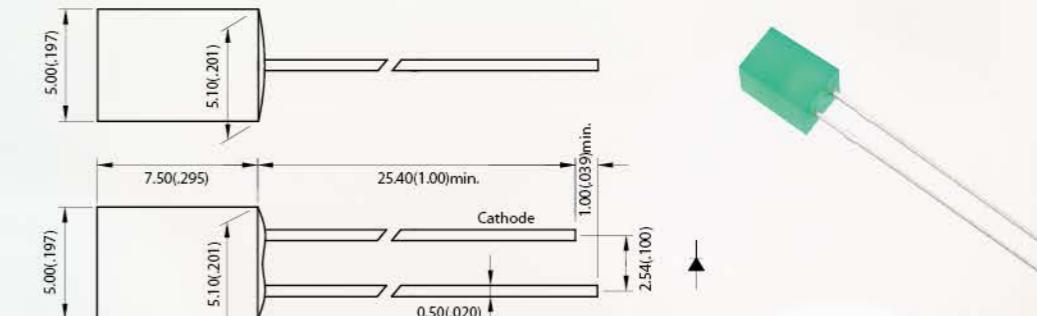
Rectangular

L-604 Series
1.9x 3.1x4.0 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-604GD	LJS3GD867	Yellow Green	570	Green Diffused	6	150	1.9	20
L-604YD	LJS3YD866	Yellow	587	Yellow Diffused	5	150	2.1	20
L-604AD	LJS3AD868	Orange	605	Orange Diffused	10	150	2.1	20
L-604ED	LJS3ED865	Super Red	628	Red Diffused	18	150	1.9	20
L-604SRD	LJS3SRD864	Hyper Red	640	Red Diffused	10	150	1.9	20

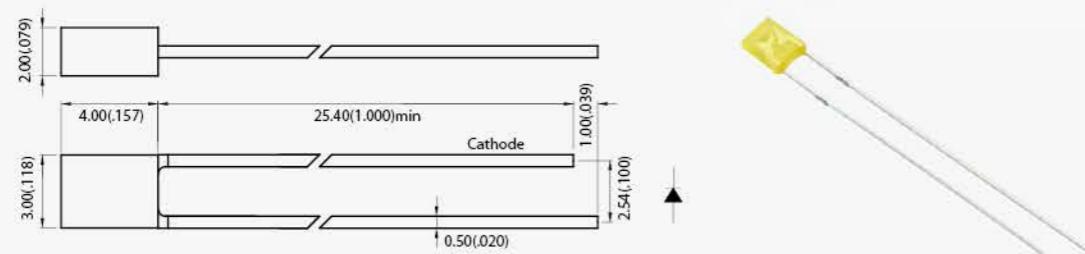
L-4L3 Series
2x4x5 mmL-4L3 Series
2x4x5 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-4L3GD	LJS7GD920	Yellow Green	570	Green Diffused	3	120	1.9	20
L-4L3YD	LJS7YD919	Yellow	587	Yellow Diffused	5	120	2.1	20
L-4L3AD	LJS7AD921	Orange	605	Orange Diffused	5	120	2.1	20
L-4L3ED	LJS7ED918	Super Red	628	Red Diffused	7	120	1.9	20
L-4L3SRD	LJS7SRD917	Hyper Red	640	Red Diffused	30	120	1.9	20

L-663 Series
5x5x7 mm

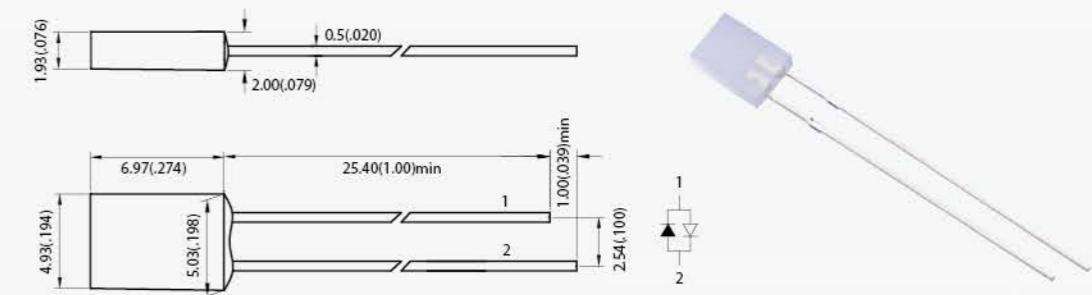
Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-663GD	LJS4GD856	Yellow Green	570	Green Diffused	13	150	1.9	20
L-663YD	LJS4YD855	Yellow	587	Yellow Diffused	4	150	2.1	20
L-663ED	LJS4ED854	Super Red	628	Red Diffused	6	150	1.9	20
L-663SRD	LJS4SRD853	Hyper Red	640	Red Diffused	10	150	1.9	20

Rectangular

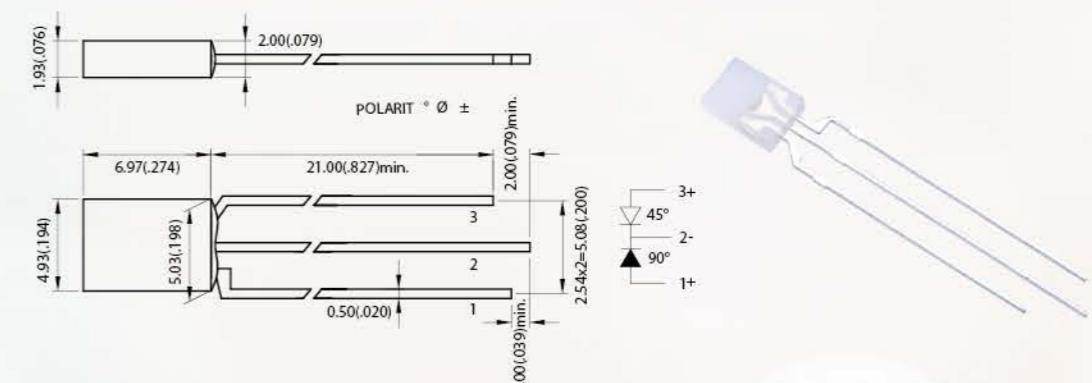
L-6U4 Series
2x3x4 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-6U4GD	LJS3GD851	Yellow Green	570	Green Diffused	6	150	1.9	20
L-6U4YD	LJS3YD850	Yellow	587	Yellow Diffused	4	150	2.1	20
L-6U4AD	LJS3AD852	Orange	605	Orange Diffused	10	150	2.1	20
L-6U4ED	LJS3ED849	Super Red	628	Red Diffused	10	150	1.9	20
L-6U4SRD	LJS3SRD848	Hyper Red	640	Red Diffused	24	150	1.9	20

Rectangular Dual Color

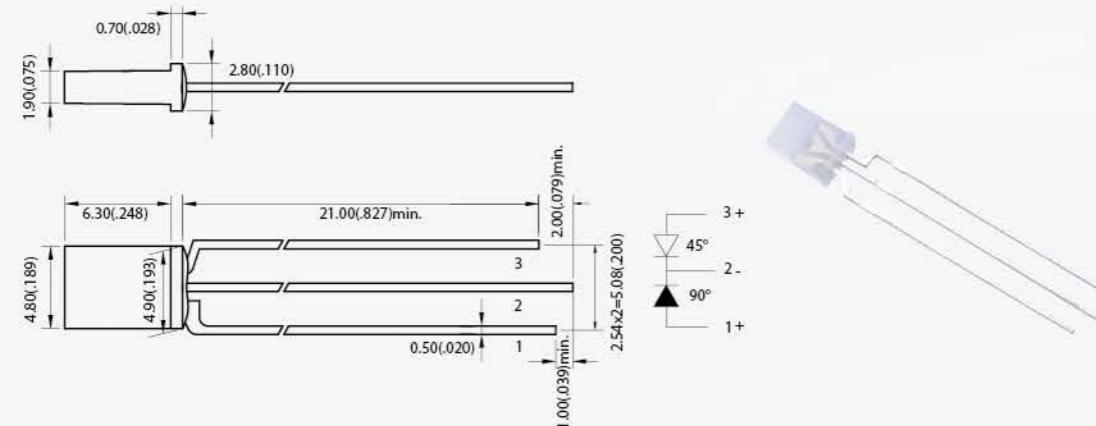
L-407 Series
2x5x7 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-407EGW	LJS5EGW761	Super Red	628	White Diffused	3.5	120	1.9	20
		Yellow Green	570	White Diffused	2.5	120	1.9	20
L-407GYW	LJS5GYW762	Yellow	587	White Diffused	1.5	120	2.1	20
		Yellow Green	570	White Diffused	2.5	120	2	20

L-409 Series
2x5x7 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-409EGW	LJS5EGW754	Super Red	628	White Diffused	20	120	1.9	20
		Yellow Green	570	White Diffused	10	120	1.9	20
L-409GYW	LJS5GYW755	Yellow	587	White Diffused	5	120	2.1	20
		Yellow Green	570	White Diffused	10	120	1.9	20
L-409GYW-CA1	LJS5GYW756	Yellow	587	White Diffused	3	120	2.1	20
		Yellow Green	570	White Diffused	2	120	1.9	20

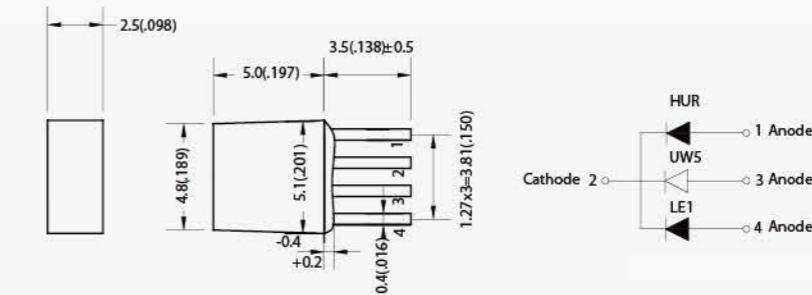
Rectangular Dual Color



L-419 Series
2x5x7 mm

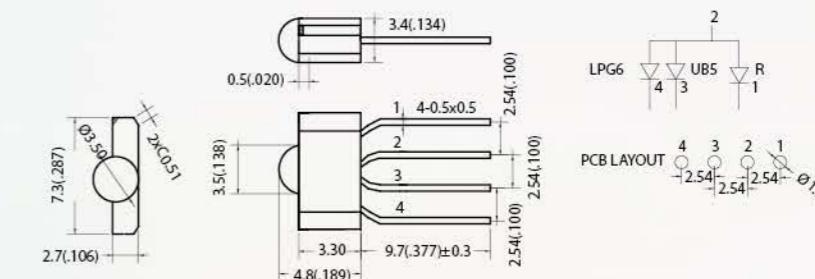
Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-419EGW	LJS5EGW751	● Super Red	628	White Diffused	8	120	1.9	20
		● Yellow Green	570	White Diffused	6	120	1.9	20
L-419GYW	LJS5GYW752	● Yellow	587	White Diffused	5	120	2.1	20
		● Yellow Green	570	White Diffused	6	120	1.9	20
L-419GYW-CA1	LJS5GYW753	● Yellow	587	White Diffused	10	120	2.1	20
		● Yellow Green	570	White Diffused	15	120	1.9	20

Rectangular RGB



L-4V9 Series
2x5x7 mm

Part No.	Part No.	Color	Wavelength λ d(nm)/ CIE (x,y)	Resin Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
L4V9RGB	LRS4HURLE1UW5C307G	● Super Red	628	White Diffused	80	100	1.9	20
		● Orange	570	White Diffused	100	100	1.9	20
		○ White	570	White Diffused	760	100	3	20

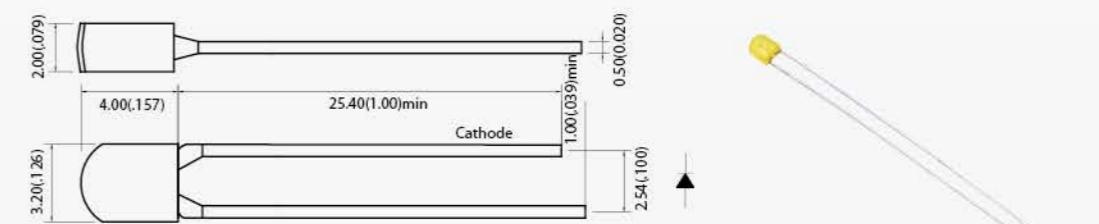


L-889 Series
3.5x4.8x7.3 mm

Part No.	Part No.	Color	Wavelength λ d(nm)/ CIE (x,y)	Resin Type	Typ. Luminous Intensity I _v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V _F (V)	Forward Current I _F (mA)
L889RGBW	LQS8RGBW538G	● Super Red	628	White Diffused	40	40	1.8	5
		● Green	530	White Diffused	250	40	2.7	5
		● Blue	470	White Diffused	40	40	2.7	5

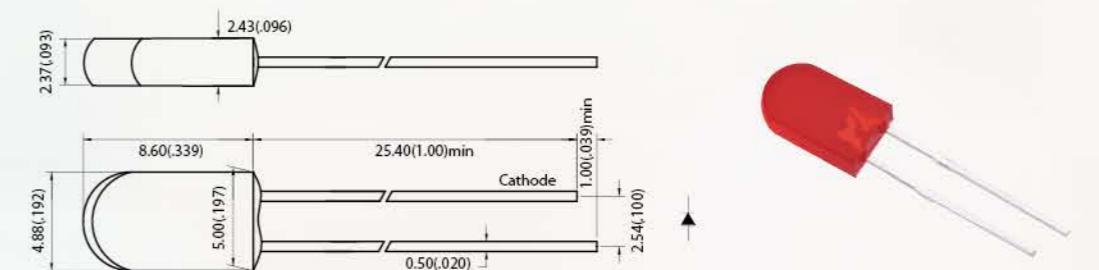
Tombstone**Application**

- Indicator
- IP camera
- Sign board
- IoT
- Home appliances



L-6X4 Series
2.0x3.2x4.0 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-6X4GD	LJS4GD840	Yellow Green	570	Green Diffused	15	150	1.9	20
L-6X4YD	LJS4YD839	Yellow	587	Yellow Diffused	10	150	2.1	20
L-6X4AD	LJS4AD841	Orange	605	Orange Diffused	12	150	2.1	20
L-6X4ED	LJS4ED838	Super Red	628	Red Diffused	18	150	1.9	20
L-6X4SRD	LJS4SRD837	Hyper Red	640	Red Diffused	36	150	1.9	20

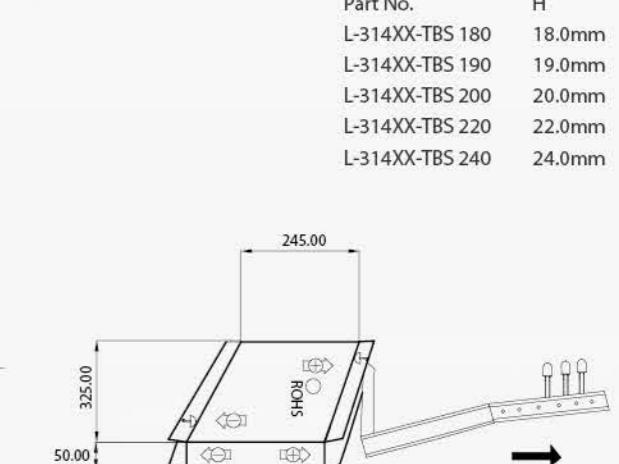
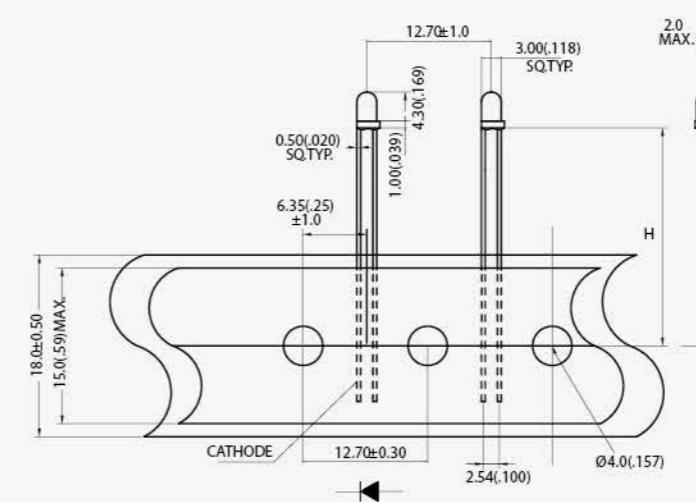


L-614 Series
2.4x4.9x8.6 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-614GD	LJS5GD862	Yellow Green	570	Green Diffused	3	170	1.9	20
L-614YD	LJS5YD861	Yellow	587	Yellow Diffused	2	170	2.1	20
L-614AD	LJS5AD863	Orange	605	Orange Diffused	5	170	2.1	20
L-614ED	LJS5ED860	Super Red	628	Red Diffused	4	170	1.9	20
L-614SRD	LJS5SRD859	Hyper Red	640	Red Diffused	20	170	1.9	20

Taping Lamp**Application**

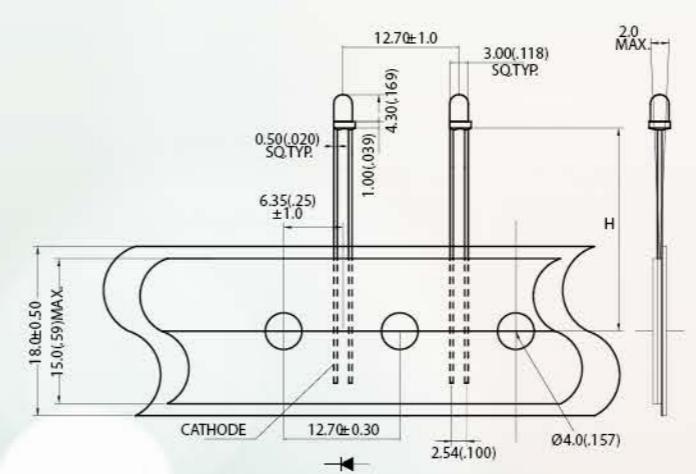
- Indicator
- IP camera
- Sign board
- IoT
- Home appliances



Part No.	H
L-314XX-TBS 180	18.0mm
L-314XX-TBS 190	19.0mm
L-314XX-TBS 200	20.0mm
L-314XX-TBS 220	22.0mm
L-314XX-TBS 240	24.0mm

**L-314-TBSH Series
3 mm**

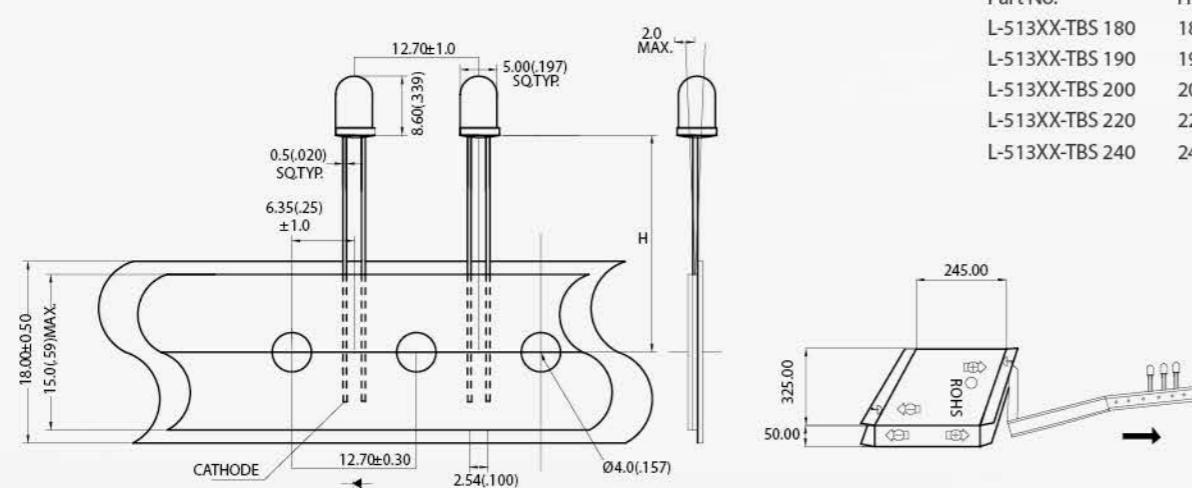
Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-314UB5C-TBSH	LJR3UB5C738	Blue	465	Water Clear	2000	20	3	20
L-314LPG6C-TBSH	LJR3LPG6C983	Green	525	Water Clear	5000	20	3	20
L-314GD-TBSH	LJR3GD742	Yellow Green	570	Green Diffused	30	60	1.9	20
L-314YD-TBSH	LJR3YD741	Yellow	587	Yellow Diffused	20	60	2.1	20
L-314ED-TBSH	LJR3ED740	Super Red	628	Red Diffused	30	60	1.9	20



Part No.	H
L-314XX-TRS 180	18.0mm
L-314XX-TRS 190	19.0mm
L-314XX-TRS 200	20.0mm
L-314XX-TRS 220	22.0mm
L-314XX-TRS 240	24.0mm

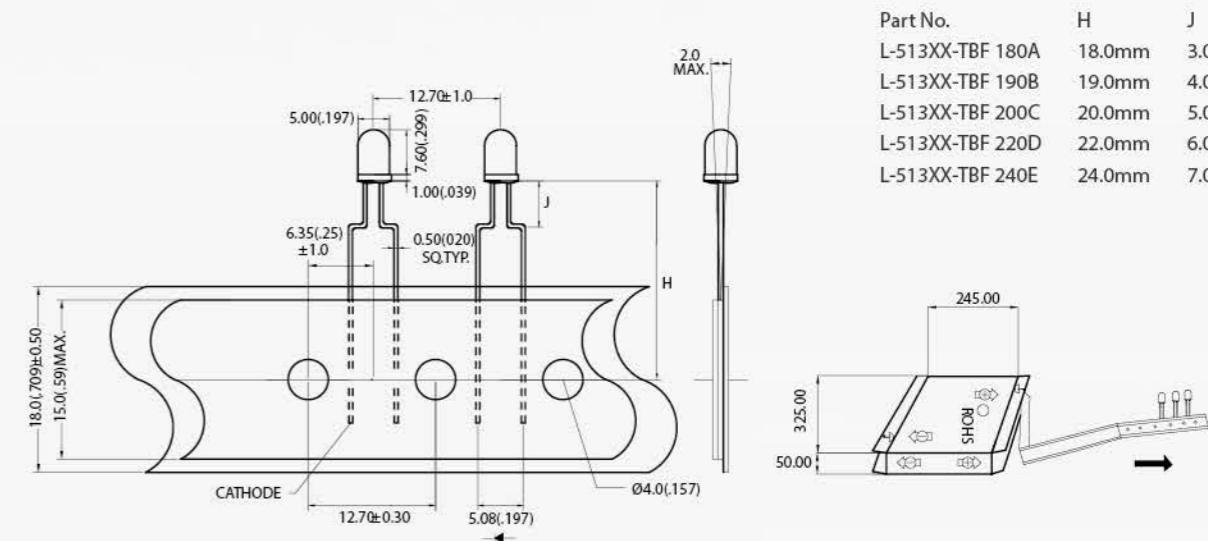
**L-314-TRSH Series
3 mm**

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-314UB5C-TRSH	LJR3UB5C733	Blue	465	Water Clear	2000	20	3	20
L-314LPG6C-TRSH	LJR3LPG6C738	Green	525	Water Clear	5000	20	3	20
L-314GD-TRSH	LJR3GD737	Yellow Green	570	Green Diffused	30	60	1.9	20
L-314YD-TRSH	LJR3YD736	Yellow	587	Yellow Diffused	20	60	2.1	20
L-314ED-TRSH	LJR3ED735	Super Red	628	Red Diffused	30	60	1.9	20



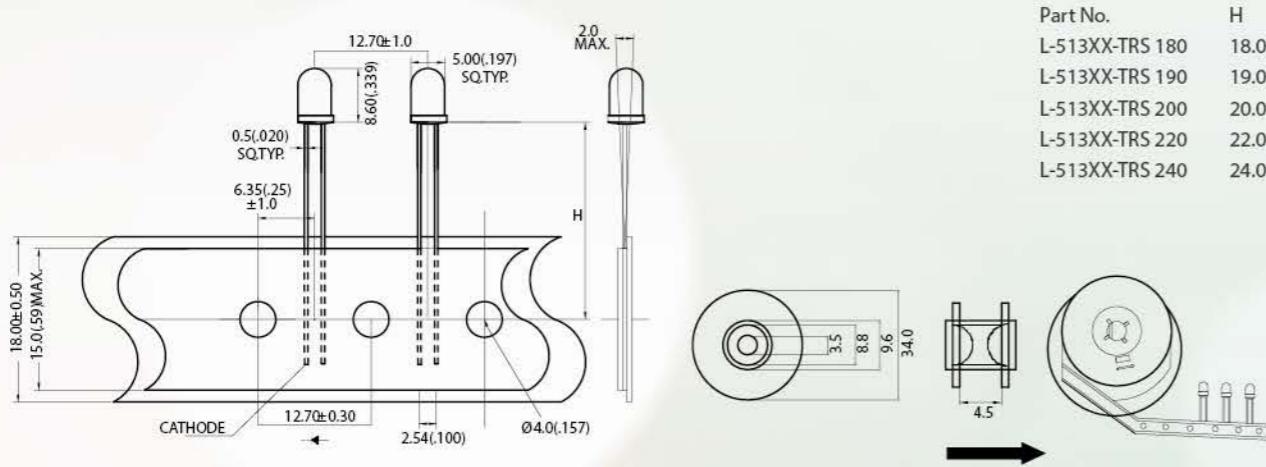
L-513-TBSH Series
5 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-513GD-TBSH	LJR5GD731	Yellow Green	570	Green Diffused	20	110	2	20
L-513YD-TBSH	LJR5YD730	Yellow	587	Yellow Diffused	15	110	2.1	20
L-513ED-E610-TBSH	LJR5AD732	Orange	605	Orange Diffused	20	110	2.1	20
L-513ED-TBSH	LJR5ED729	Super Red	628	Red Diffused	20	110	2.1	20
L-513SRD-TBSH	LJR5SRD728	Hyper Red	640	Red Diffused	40	110	1.8	20



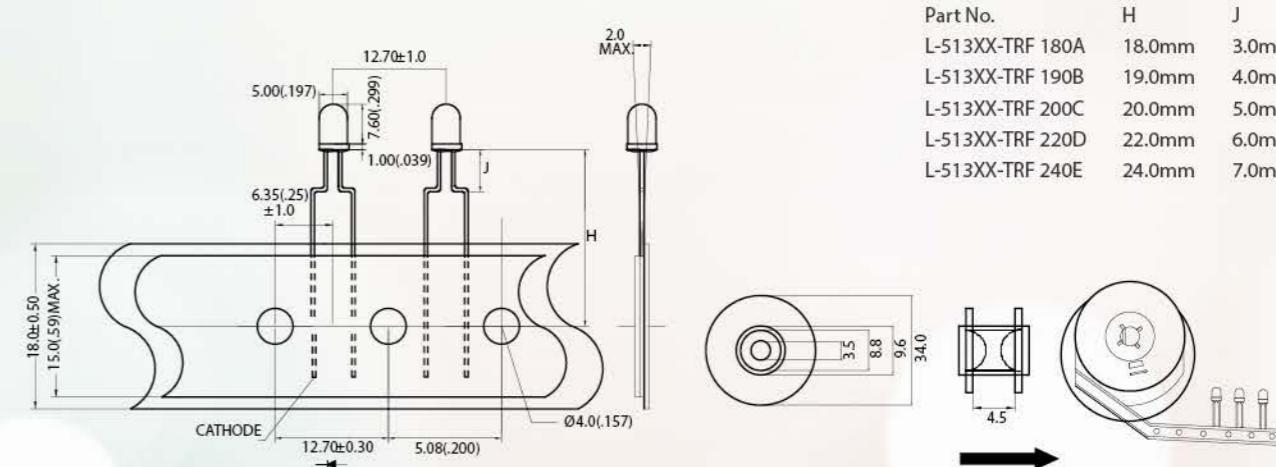
L-513-TBFHJ Series
5 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-513GD-TBFHJ	LJR5GD721	Yellow Green	570	Green Diffused	28	60	1.9	20
L-513YD-TBFHJ	LJR5YD720	Yellow	587	Yellow Diffused	35	60	2.1	20
L-513AD-TBFHJ	LJR5AD722	Orange	605	Orange Diffused	15	60	2.1	20
L-513ED-TBFHJ	LJR5ED719	Super Red	628	Red Diffused	30	60	1.9	20
L-513SRD-TBFHJ	LJR5SRD718	Hyper Red	640	Red Diffused	40	60	1.8	20



L-513-TRSH Series
3 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-513UB5C-TRSH	LJR5GD726	Yellow Green	570	Green Diffused	28	60	1.9	20
L-513LPG6C-TRSH	LJR5YD725	Yellow	587	Yellow Diffused	35	20	2.1	20
L-513GD-TRSH	LJR5AD727	Orange	605	Orange Diffused	15	60	2.1	20
L-513YD-TRSH	LJR5ED724	Super Red	628	Red Diffused	30	60	1.9	20
L-513ED-TRSH	LJR5SRD723	Hyper Red	640	Red Diffused	40	60	1.9	20



L-513-TRFHJ Series
3 mm

Part No.	Part No.	Color	Wavelength $\lambda d(\text{nm})/\text{CIE (x,y)}$	Resin Type	Typ. Luminous Intensity $I_v(\text{mcd})$	Viewing Angle (deg.)	Typ. Forward Voltage $V_F(\text{V})$	Forward Current $I_F(\text{mA})$
L-513GD-TRFHJ	LJR5GD716	Yellow Green	570	Green Diffused	28	60	2	20
L-513YD-TRFHJ	LJR5YD715	Yellow	587	Yellow Diffused	35	60	2.1	20
L-513AD-TRFHJ	LJR5AD717	Orange	605	Orange Diffused	15	60	2.1	20
L-513ED-TRFHJ	LJR5ED714	Super Red	628	Red Diffused	30	60	1.9	20
L-513SRD-TRFHJ	LJR5SRD713	Hyper Red	640	Red Diffused	40	60	1.9	20

► HEADQUARTER

光鼎電子股份有限公司
Para Light Electronics Co., LTD.



- 📍 新北市中和區建康路8號11樓
11F, No. 8, Jiankang Rd., Zhonghe Dist. New Taipei City, 23586 Taiwan
- 📞 +886-2-2225-3733
- 📞 +886-2-2225-4800
- ✉️ para@para.com.tw
- 🌐 www.paralighttaiwan.com

► INDIA

印度分公司
PARA LIGHT INDIA PVT. LTD.

- 📍 No.979, 9th Floor, Aggarwal Cyber Plaza-2, Netaji Subhash Place, Pitampura, New Delhi- 110034, India
- ✉️ para@para.com.tw

► FACTORY

連雲港光鼎電子有限公司
Para Light Lianyungang Electronics Co., Ltd.



- 📍 中国江苏省连云港市灌南县经济开发区海路8号
No.8, Wei Hai Rd., Guannan Economics Development Zone, Lianyungang City, Jiangsu Province, 223500, China
- 📞 +86-518-8369-2888
- 📞 +86-518-8369-2899
- ✉️ para@para.com.tw

► Greater China-Sales Team

North China : Beijing, Qingdao
East China : Shanghai, Ningbo, Suzhou, Nanjing, Hefei, Wuhan, Zhengzhou
South: Shenzhen, Xiamen, Jiangmen
Central: Chengdu

南京華鼎電子有限公司
Para Light Nanjing Electronics Co., Ltd.



- 📍 中国江苏省南京市江宁区汤山街汤山西路1号
No.1, Tanguan W. Rd., Tangshan Ave., Jianning Dist. Nanjing City, Jiangsu Province, 211131 China
- 📞 +86-25-8410-7685
- 📞 +86-25-8410-7684

蘇州光鼎電子有限公司 East China
PARA LIGHT (SUZHOU) Electronics Co., Ltd.



- 📍 苏州新区狮山路199号新地中心2104室
Room 2104, Xindi Center Building, No.199, Shishan Road Suzhou City, Jiangsu Province, 215011 China
- 📞 +86-133-6527-0527
- 📞 +86-512-6809-7669
- ✉️ jeremy@para-lyg.com.cn

仰光緬甸
Para Light Yangon (Myanmar)



- 📍 Shwe Lin Pan Industrial area, Yangon City, Myanmar

光鼎深圳實業有限公司 South China
PARA LIGHT(SHENZHEN) Electronics Co., Ltd.

- 📍 中国深圳市龙华区观东路57号尚美时代大厦1310-1312室
Room 1310-1312, Shangmei Times Building, No.57, Longguan East Road, Longhua Dist., Shenzhen City, Guangdong Province, 518110 China
- 📞 +86-189-2747-1103
- ✉️ eddy@paralight.com.cn

► AMERICA

美國光鼎分公司
Para Light Corp. USA



- 📍 515 Spanish Lane, Suite # A&B, Walnut, CA 91789, USA
- 📞 +1 (877) 377-PARA / +1 (909) 468-4866
- ✉️ sales@paralightusa.com
- 🌐 www.paralightusa.com

光鼎北京辦事處 North China
Para Light (BEIJING) Sales Office

- 📍 北京市海淀区清河中街橡树湾二期
Qinghe street, oak bay Phase II building, Haidian District, Beijing City, 100000 China
- 📞 +86-2642-9477 / 181-0107-7619
- ✉️ tianjin@paralight.com.cn

光鼎成都辦事處 Central China
Para Light (CHENGDU) Sales Office

- 📍 四川省成都市金牛区金沙路169号 - 现代城1幢10层1008室
Room 1008, 10th Floor, No. 169 Xandaicheng Building 1, Jinsha Road, Jinniu District, Chengdu city, Sichuan Province, 610031 China
- 📞 +87-0532-8569-2571
- ✉️ yangfeiting@para-lyg.com.cn