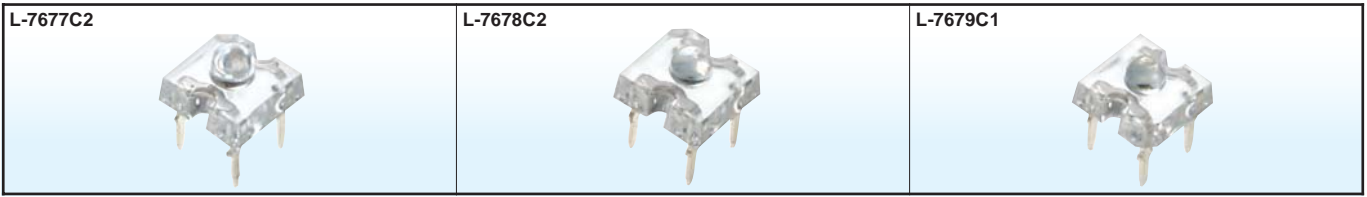


Kingbright Catalog

2005-2006

P 2	SUPER FLUX LED LAMPS	P 12	BIG LED LAMPS
P 3	INFRARED EMITTING DIODES	P 13	SUPER BRIGHT LED LAMPS
P 4	PHOTOTRANSISTORS	P 14-17	BI-COLOR & BI-POLAR LED LAMPS
P 5-8	ROUND LED LAMPS	P 15	FULL COLOR LED LAMPS
P 8-9	OVAL LED LAMPS	P 18-19	BLINKING & LOW CURRENT LED LAMPS
P 9	FLAT TOP LED LAMPS	P 19	RESISTOR LED LAMPS
P 10-12	CYLINDRICAL & RECTANGULAR LED LAMPS	P 20	TAPE AND REEL LED LAMPS



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @50mA *70mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		

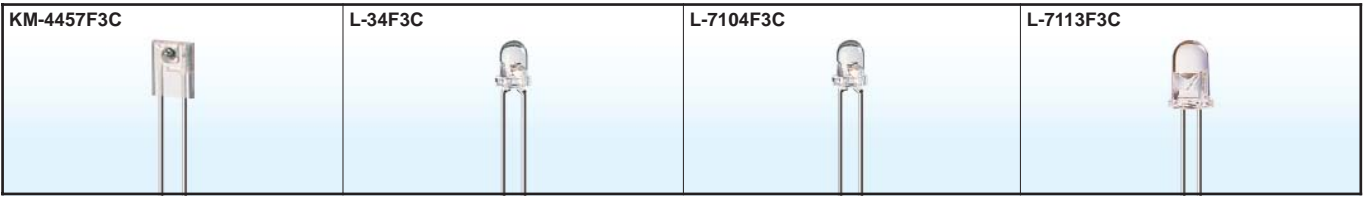
L-7677C2SEC-H	InGaAlP	630	water clear	*10000	*20000	30°	7.62mm x 7.62mm
L-7677C2SYC-H	InGaAlP	589	water clear	*1500	*5000	30°	
L-7677C2SURC-G	InGaAlP	630	water clear	*4700	*8000	30°	
L-7677C2PBC-H	InGaN	470	water clear	3300	6000	30°	

L-7678C2SEC-H	InGaAlP	630	water clear	*7500	*18000	40°	7.62mm x 7.62mm
L-7678C2SYC-H	InGaAlP	589	water clear	*1200	*4500	40°	
L-7678C2SURC-G	InGaAlP	630	water clear	*2500	*4500	40°	
L-7678C2PBC-H	InGaN	470	water clear	2800	4500	40°	

L-7679C1SEC-H	InGaAlP	630	water clear	*6500	*8000	70°	7.62mm x 7.62mm
L-7679C1SYC-H	InGaAlP	589	water clear	*1200	*4000	70°	
L-7679C1SURC-G	InGaAlP	630	water clear	*1800	*3000	70°	
L-7679C1PBC-H	InGaN	470	water clear	1800	3200	70°	

NOTES:

1. All dimensions are in millimeters (inches).
2. Tolerance is ±0.25mm (0.01") unless otherwise noted.



Part No.	Material	λ P (nm)	Lens Type	Po (mW/sr) @20mA *50mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		

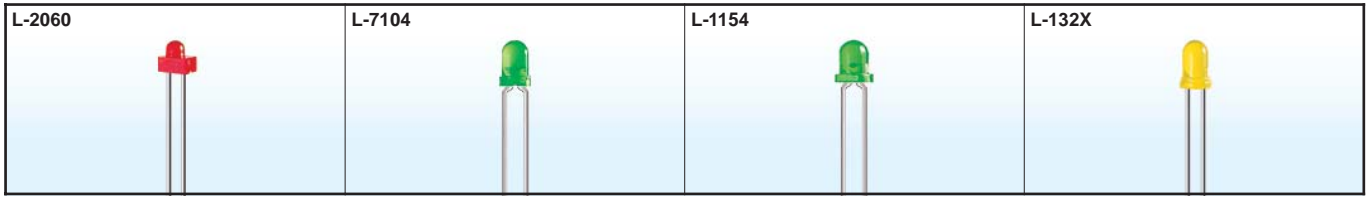
KM-4457F3C	GaAs	940	water clear	0.8	4	70°	1.5mm (Side Look)

L-34F3C	GaAs	940	water clear	1.6	10	50°	T-1 (3mm) Round
L-34F3BT	GaAs	940	blue transparent	*4	*20	50°	
L-34SF4C	GaAlAs	880	water clear	1.6	4	50°	
L-34SF4BT	GaAlAs	880	blue transparent	*4	*20	50°	
L-34SF6C	GaAlAs	860	water clear	7	15	50°	
L-34SF6BT	GaAlAs	860	blue transparent	*7	*20	50°	
L-34SF7C	GaAlAs	850	water clear	7	18	50°	
L-34SF7BT	GaAlAs	850	blue transparent	*7	*18	50°	
				*10	*40	50°	
				*10	*45	50°	

L-7104F3C	GaAs	940	water clear	7	30	34°	T-1 (3mm) Round
				*18	*80	34°	
L-7104F3BT	GaAs	940	blue transparent	7	28	34°	
				*18	*70	34°	

L-7113F3C	GaAs	940	water clear	7	20	20°	T-1 3/4 (5mm) Round
L-7113F3BT	GaAs	940	blue transparent	*4	*20	20°	
L-7113SF4C	GaAlAs	880	water clear	7	20	20°	
L-7113SF4BT	GaAlAs	880	blue transparent	*4	*20	20°	
L-7113SF6C	GaAlAs	860	water clear	10	40	20°	
L-7113SF6BT	GaAlAs	860	blue transparent	*50	*100	20°	
L-7113SF7C	GaAlAs	850	water clear	10	40	20°	
L-7113SF7BT	GaAlAs	850	blue transparent	*50	*100	20°	
				10	40	20°	
				*50	*100	20°	
				10	40	20°	
				*50	*100	20°	
				10	40	20°	
				*50	*100	20°	

NOTES:
 1. All dimensions are in millimeters (inches).
 2. Tolerance is ±0.25mm (0.01") unless otherwise noted.



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @10mA *20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		

L-2060ID	GaAsP/GaP	625	red diffused	8	15	70°	1.8mm Round
L-2060SRD	GaAlAs	640	red diffused	*70	*200	70°	
L-2060SRC	GaAlAs	640	water clear	*110	*300	30°	
L-2060ED	GaAsP/GaP	625	orange diffused	8	15	70°	
L-2060YD	GaAsP/GaP	588	yellow diffused	5	8	70°	
L-2060GD	GaP	568	green diffused	5	10	70°	

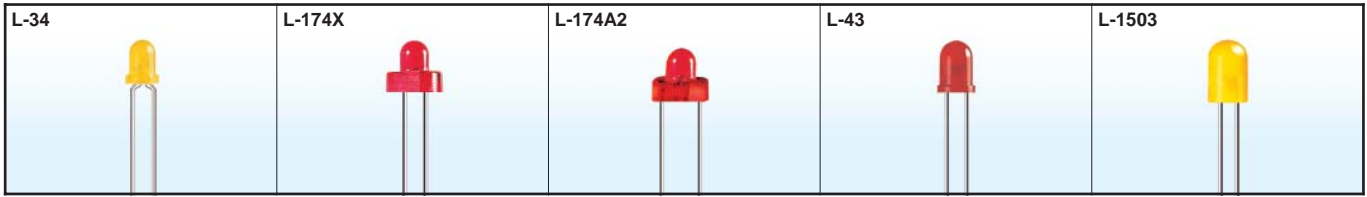
L-7104ID	GaAsP/GaP	625	red diffused	8	20	40°	T-1 (3mm) Round
L-7104IT	GaAsP/GaP	625	red transparent	18	60	34°	
L-7104EC	GaAsP/GaP	625	water clear	18	60	34°	
L-7104ED	GaAsP/GaP	625	orange diffused	8	20	40°	
L-7104ND	GaAsP/GaP	610	orange diffused	8	30	40°	
L-7104NT	GaAsP/GaP	610	orange transparent	18	50	34°	
L-7104NC	GaAsP/GaP	610	water clear	18	50	34°	
L-7104YD	GaAsP/GaP	588	yellow diffused	5	15	40°	
L-7104YT	GaAsP/GaP	588	yellow transparent	8	20	34°	
L-7104YC	GaAsP/GaP	588	water clear	8	20	34°	
L-7104GD	GaP	568	green diffused	8	20	40°	
L-7104GT	GaP	568	green transparent	18	60	34°	
L-7104GC	GaP	568	water clear	18	60	34°	
L-7104PGD	GaP	555	green diffused	1.8	5	40°	
L-7104PGT	GaP	555	green transparent	3	15	34°	
L-7104PGC	GaP	555	water clear	3	15	34°	

L-1154ID	GaAsP/GaP	625	red diffused	8	25	60°	T-1 (3mm) Round
L-1154IT	GaAsP/GaP	625	red transparent	18	60	50°	
L-1154ND	GaAsP/GaP	610	orange diffused	8	30	60°	
L-1154NT	GaAsP/GaP	610	orange transparent	18	50	50°	
L-1154YD	GaAsP/GaP	588	yellow diffused	5	15	60°	
L-1154YT	GaAsP/GaP	588	yellow transparent	8	20	50°	
L-1154GD	GaP	568	green diffused	8	15	60°	
L-1154GT	GaP	568	green transparent	18	40	50°	
L-1154PGD	GaP	555	green diffused	1.8	5	60°	
L-1154PGT	GaP	555	green transparent	3	10	50°	

L-132XID	GaAsP/GaP	625	red diffused	8	25	60°	T-1 (3mm) Round
L-132XIT	GaAsP/GaP	625	red transparent	18	60	50°	
L-132XND	GaAsP/GaP	610	orange diffused	8	30	60°	
L-132XNT	GaAsP/GaP	610	orange transparent	18	50	50°	
L-132XNC	GaAsP/GaP	610	water clear	18	50	50°	
L-132XYD	GaAsP/GaP	588	yellow diffused	5	15	60°	
L-132XYT	GaAsP/GaP	588	yellow transparent	8	20	50°	
L-132XYP	GaAsP/GaP	588	water clear	8	20	50°	
L-132XGD	GaP	568	green diffused	8	15	60°	
L-132XGT	GaP	568	green transparent	12	40	50°	
L-132XGC	GaP	568	water clear	12	40	50°	
L-132XPGD	GaP	555	green diffused	1.8	5	60°	
L-132XPGT	GaP	555	green transparent	3	10	50°	
L-132XPGC	GaP	555	water clear	3	10	50°	

NOTES:

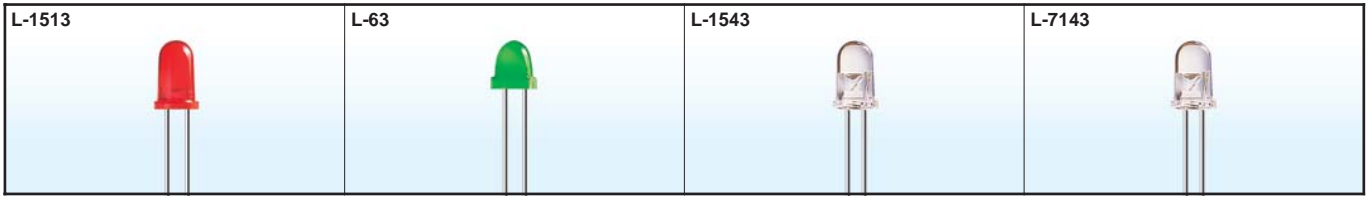
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @10mA *20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		
L-34HD	GaP	660	red diffused	1	3	60°	T-1 (3mm) Round
L-34ID	GaAsP/GaP	625	red diffused	8	25	60°	
L-34YD	GaAsP/GaP	588	yellow diffused	1.8	6	60°	
L-34AD	GaAsP/GaP	588	amber diffused	3	12	60°	
L-34GD	GaP	568	green diffused	5	20	60°	
L-174XHT	GaP	660	red transparent	1.8	5	100°	3.2mm Round
L-174XIT	GaAsP/GaP	625	red transparent	8	30	100°	
L-174XSRT	GaAlAs	640	red transparent	*110	*400	100°	
L-174XYT	GaAsP/GaP	588	yellow transparent	8	30	100°	
L-174XGT	GaP	568	green transparent	8	30	100°	
L-174A2HT	GaP	660	red transparent	1.8	6	35°	3.2mm Round
L-174A2IT	GaAsP/GaP	625	red transparent	28	90	35°	
L-174A2SRT	GaAlAs	640	red transparent	*380	*900	35°	
L-174A2YT	GaAsP/GaP	588	yellow transparent	18	35	35°	
L-174A2GT	GaP	568	green transparent	12	40	35°	
L-43HD	GaP	660	red diffused	0.7	2	80°	4mm Round
L-43ID	GaAsP/GaP	625	red diffused	5	15	80°	
L-43YD	GaAsP/GaP	588	yellow diffused	3	10	80°	
L-43GD	GaP	568	green diffused	3	12	80°	
L-1503ID	GaAsP/GaP	625	red diffused	8	30	60°	T-1 3/4 (5mm) Round
L-1503IT	GaAsP/GaP	625	red transparent	28	80	30°	
L-1503EC	GaAsP/GaP	625	water clear	28	80	30°	
L-1503SRC-D	GaAlAs	640	water clear	*900	*1500	30°	
L-1503SRD	GaAlAs	640	red diffused	*380	*700	60°	
L-1503YD	GaAsP/GaP	588	yellow diffused	5	20	60°	
L-1503YT	GaAsP/GaP	588	yellow transparent	18	40	30°	
L-1503YC	GaAsP/GaP	588	water clear	18	40	30°	
L-1503GD	GaP	568	green diffused	5	20	60°	
L-1503GT	GaP	568	green transparent	18	60	30°	
L-1503GC	GaP	568	water clear	18	60	30°	
L-1503SGC	GaP	568	water clear	*70	*200	30°	
L-1503SGT	GaP	568	green transparent	*70	*150	30°	

NOTES:

1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @10mA *20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		

L-1513IT	GaAsP/GaP	625	red transparent	40	80	20°	T-1 3/4 (5mm) Round
L-1513EC	GaAsP/GaP	625	water clear	40	80	20°	
L-1513SURC	InGaAlP	628	water clear	*1200	*1800	20°	
L-1513SURC-E	InGaAlP	630	water clear	*1500	*2200	20°	
L-1513YT	GaAsP/GaP	588	yellow transparent	18	40	20°	
L-1513YC	GaAsP/GaP	588	water clear	18	40	20°	
L-1513GT	GaP	568	green transparent	18	50	20°	
L-1513GC	GaP	568	water clear	18	50	20°	

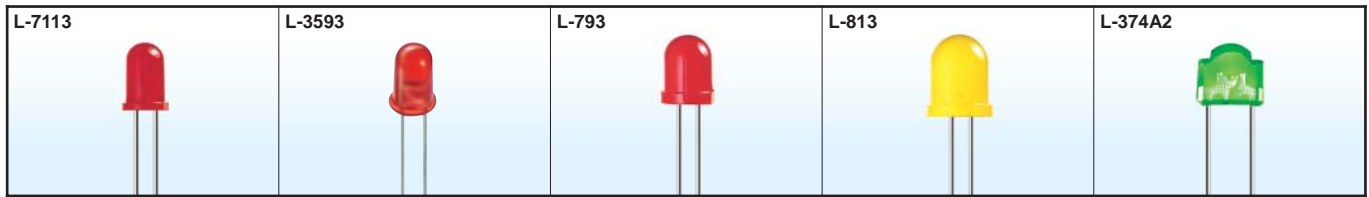
L-63ID	GaAsP/GaP	625	red diffused	12	20	60°	T-1 3/4 (5mm) Round
L-63IT	GaAsP/GaP	625	red transparent	28	50	30°	
L-63SRD	GaAlAs	640	red diffused	*110	*300	60°	
L-63SRT	GaAlAs	640	red transparent	*280	*600	30°	
L-63SRC	GaAlAs	640	water clear	*180	*700	30°	
L-63YD	GaAsP/GaP	588	yellow diffused	1.8	6	60°	
L-63YT	GaAsP/GaP	588	yellow transparent	18	35	30°	
L-63GD	GaP	568	green diffused	5	12	60°	
L-63GT	GaP	568	green transparent	18	40	30°	

L-1543SRC-C	GaAlAs	640	water clear	*380	*600	50°	T-1 3/4 (5mm) Round
L-1543SRC-D	GaAlAs	640	water clear	*650	*900	50°	
L-1543SURC	InGaAlP	628	water clear	*480	*850	50°	
L-1543SURC-E	InGaAlP	630	water clear	*650	*1300	50°	
L-1543SGC	GaP	568	water clear	*70	*150	50°	

L-7143SRC-C	GaAlAs	640	water clear	*380	*600	30°	T-1 3/4 (5mm) Round
L-7143SRC-D	GaAlAs	640	water clear	*650	*900	30°	
L-7143SGC	GaP	568	water clear	*70	*150	30°	

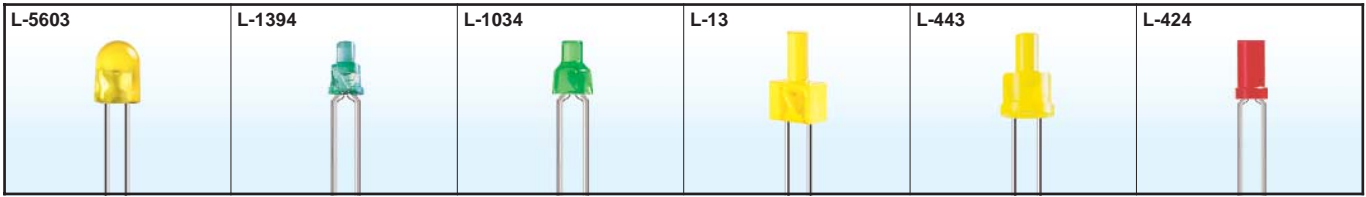
NOTES:

1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.



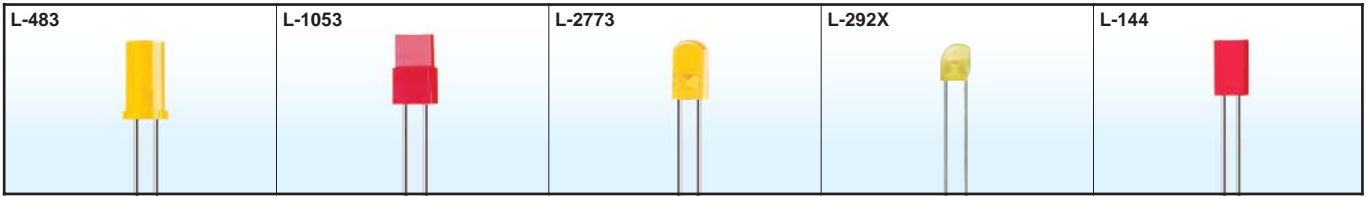
Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @10mA *20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		
L-7113ID	GaAsP/GaP	625	red diffused	8	45	30°	T-1 3/4 (5mm) Round
L-7113IT	GaAsP/GaP	625	red transparent	28	80	20°	
L-7113EC	GaAsP/GaP	625	water clear	28	80	20°	
L-7113ED	GaAsP/GaP	625	orange diffused	8	25	30°	
L-7113ND	GaAsP/GaP	610	orange diffused	12	30	30°	
L-7113NT	GaAsP/GaP	610	orange transparent	40	80	20°	
L-7113NC	GaAsP/GaP	610	water clear	40	80	20°	
L-7113YD	GaAsP/GaP	588	yellow diffused	5	20	30°	
L-7113YT	GaAsP/GaP	588	yellow transparent	18	40	20°	
L-7113YC	GaAsP/GaP	588	water clear	18	40	20°	
L-7113GD	GaP	568	green diffused	5	20	30°	
L-7113GT	GaP	568	green transparent	18	60	20°	
L-7113GC	GaP	568	water clear	18	60	20°	
L-7113PGD	GaP	555	green diffused	1.8	5	30°	T-1 3/4 (5mm) Round
L-7113PGT	GaP	555	green transparent	5	10	20°	
L-7113PGC	GaP	555	water clear	5	10	20°	
L-3593GC	GaP	568	water clear	70	150	20°	T-1 3/4 (5mm) Round
L-3593KD	GaAsP/GaP	625	red diffused	18	40	20°	
L-3593SGC	GaP	568	water clear	*110	*350	20°	
L-793ID	GaAsP/GaP	625	red diffused	*36	*100	60°	8mm Round
L-793SRC-D	GaAlAs	640	water clear	*1500	*1700	40°	
L-793SRC-E	GaAlAs	640	water clear	*1800	*2700	40°	
L-793SRD-C	GaAlAs	640	red diffused	*180	*250	60°	
L-793SRD-D	GaAlAs	640	red diffused	*280	*350	60°	
L-793SRD-E	GaAlAs	640	red diffused	*380	*450	60°	
L-793ED	GaAsP/GaP	625	orange diffused	*36	*100	60°	
L-793YD	GaAsP/GaP	588	yellow diffused	*18	*50	60°	
L-793GD	GaP	568	green diffused	*18	*60	60°	10mm Round
L-813ID	GaAsP/GaP	625	red diffused	*36	*100	60°	
L-813SRC-D	GaAlAs	640	water clear	*1500	*1700	40°	
L-813SRD-C	GaAlAs	640	red diffused	*180	*250	60°	
L-813SRD-D	GaAlAs	640	red diffused	*280	*350	60°	
L-813SRD-E	GaAlAs	640	red diffused	*380	*450	60°	
L-813ED	GaAsP/GaP	625	orange diffused	*36	*100	60°	
L-813YD	GaAsP/GaP	588	yellow diffused	*10	*50	60°	
L-813GD	GaP	568	green diffused	*18	*60	60°	3.6mm x 3.1mm Oval
L-374A2IT	GaAsP/GaP	625	red transparent	8	20	60° (H) 55° (V)	
L-374A2AT	GaAsP/GaP	588	amber transparent	3	9	60° (H) 55° (V)	
L-374A2YT	GaAsP/GaP	588	yellow transparent	3	10	60° (H) 55° (V)	
L-374A2GT	GaP	568	green transparent	5	15	60° (H) 55° (V)	

NOTES:
 1. All dimensions are in millimeters(inches).
 2. Tolerance is ±0.25mm(0.01") unless otherwise noted.



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @10mA *20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		
L-5603SIDL/SD-H	InGaAlP	630	red semi diffused	*650	*2500	100° (H) 50° (V)	5.2mm Oval
L-5603SYDL/SD-H	InGaAlP	589	yellow semi diffused	*380	*750	100° (H) 50° (V)	
L-5603VGDL/SD-H	InGaN	525	green semi diffused	*650	*2100	100° (H) 50° (V)	
L-5603PBDL/SD-H	InGaN	470	blue semi diffused	*650	*1400	100° (H) 50° (V)	
L-1394HDT	GaP	660	red diffused	0.4	1	120°	2mm Flat Top
L-1394IDT	GaAsP/GaP	625	red diffused	5	8	120°	
L-1394YDT	GaAsP/GaP	588	yellow diffused	1.8	5	120°	
L-1394GDT	GaP	568	green diffused	3	5	120°	
L-1034HDT	GaP	660	red diffused	0.4	1	70°	2mm Flat Top
L-1034IDT	GaAsP/GaP	625	red diffused	3	8	70°	
L-1034YDT	GaAsP/GaP	588	yellow diffused	1.8	5	70°	
L-1034GDT	GaP	568	green diffused	1.8	6	70°	
L-13HD	GaP	660	red diffused	0.4	1.5	70°	2mm Flat Top
L-13ID	GaAsP/GaP	625	red diffused	5	10	70°	
L-13YD	GaAsP/GaP	588	yellow diffused	3	8	70°	
L-13GD	GaP	568	green diffused	3	10	70°	
L-443HDT	GaP	660	red diffused	0.4	2	100°	2.4mm Flat Top
L-443IDT	GaAsP/GaP	625	red diffused	3	10	100°	
L-443EDT	GaAsP/GaP	625	orange diffused	3	10	100°	
L-443YDT	GaAsP/GaP	588	yellow diffused	1	5	100°	
L-443GDT	GaP	568	green diffused	1	5	100°	
L-424HDT	GaP	660	red diffused	0.4	1	100°	T-1 (3mm) Cylindrical
L-424IDT	GaAsP/GaP	625	red diffused	3	5	100°	
L-424SRDT	GaAlAs	640	red diffused	*36	*100	100°	
L-424EDT	GaAsP/GaP	625	orange diffused	3	5	100°	
L-424YDT	GaAsP/GaP	588	yellow diffused	1	4	100°	
L-424GDT	GaP	568	green diffused	1	4	100°	

NOTES:
 1. All dimensions are in millimeters(inches).
 2. Tolerance is ±0.25mm(0.01") unless otherwise noted.



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @10mA *20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		

L-483HDT	GaP	660	red diffused	0.4	1	100°	<p>T-1 3/4 (5mm) Cylindrical</p>
L-483IDT	GaAsP/GaP	625	red diffused	1.8	5	100°	
L-483EDT	GaAsP/GaP	625	orange diffused	3	7	100°	
L-483YDT	GaAsP/GaP	588	yellow diffused	0.7	3	100°	
L-483GDT	GaP	568	green diffused	1	4	100°	
L-483SRSGW	GaAlAs	640	white diffused	*18	*50	80°	
	GaP	568		*4	*10		

L-1053HD	GaP	660	red diffused	0.4	1	110°	<p>1mm x 5mm Rectangular</p>
L-1053ID	GaAsP/GaP	625	red diffused	3	8	110°	
L-1053YD	GaAsP/GaP	588	yellow diffused	1.8	5	110°	
L-1053GD	GaP	568	green diffused	1.8	5	110°	

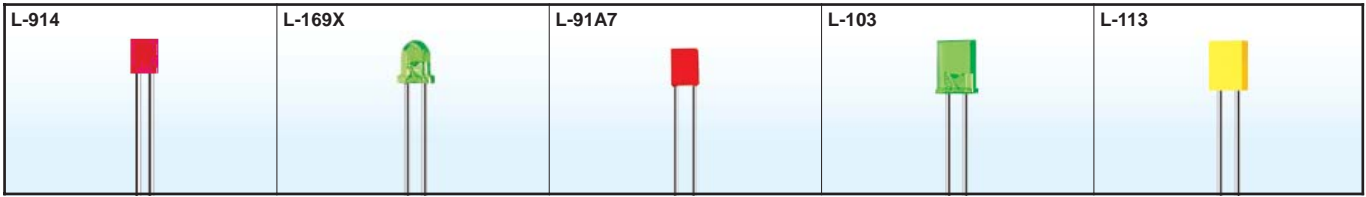
L-2773HD	GaP	660	red diffused	0.7	2	100°	<p>1.75mm x 3.9mm Rectangular</p>
L-2773ID	GaAsP/GaP	625	red diffused	5	10	100°	
L-2773ED	GaAsP/GaP	625	orange diffused	5	10	100°	
L-2773ND	GaAsP/GaP	610	orange diffused	5	8	100°	
L-2773YD	GaAsP/GaP	588	yellow diffused	3	8	100°	
L-2773GD	GaP	568	green diffused	3	10	100°	

L-292XGD	GaP	568	green diffused	5	12	110°	<p>1.9mm x 3.1mm Rectangular</p>
L-292XGT	GaP	568	green transparent	5	14	90°	
L-292XIT	GaAsP/GaP	625	red transparent	5	14	90°	
L-292XYD	GaAsP/GaP	588	yellow diffused	1.8	8	110°	
L-292XYT	GaAsP/GaP	588	yellow transparent	1.8	9	90°	

L-144HDT	GaP	660	red diffused	0.4	1	110°	<p>1.9mm x 3.9mm Rectangular</p>
L-144IDT	GaAsP/GaP	625	red diffused	3	6	110°	
L-144SRDT	GaAlAs	640	red diffused	*36	*70	110°	
L-144EDT	GaAsP/GaP	625	orange diffused	3	6	110°	
L-144YDT	GaAsP/GaP	588	yellow diffused	1	3	110°	
L-144GDT	GaP	568	green diffused	1	4	110°	

NOTES:
 1. All dimensions are in millimeters(inches).
 2. Tolerance is ±0.25mm(0.01") unless otherwise noted.

RECTANGULAR LED LAMPS



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @10mA *20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		

L-914HDT	GaP	660	red diffused	0.2	1	100°	
L-914HT	GaP	660	red transparent	0.4	1	90°	
L-914IDT	GaAsP/GaP	625	red diffused	1.8	8	100°	
L-914IT	GaAsP/GaP	625	red transparent	3	8	90°	
L-914EDT	GaAsP/GaP	625	orange diffused	1.8	8	100°	
L-914ET	GaAsP/GaP	625	orange transparent	3	8	90°	
L-914ADT	GaAsP/GaP	588	amber diffused	1.8	5	100°	
L-914AT	GaAsP/GaP	588	amber transparent	1.8	7	90°	
L-914GDT	GaP	568	green diffused	1.8	6	100°	
L-914GT	GaP	568	green transparent	3	8	90°	
L-914PGT	GaP	555	green transparent	0.4	1	90°	

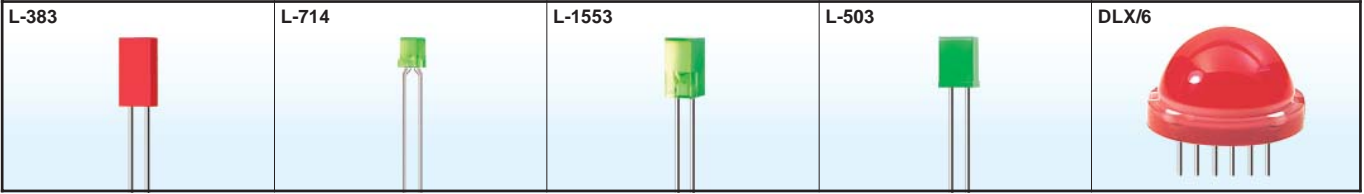
L-169XHD	GaP	660	red diffused	1	3	60°	
L-169XHT	GaP	660	red transparent	1.8	5	50°	
L-169XID	GaAsP/GaP	625	red diffused	8	15	60°	
L-169XIT	GaAsP/GaP	625	red transparent	12	30	50°	
L-169XYD	GaAsP/GaP	588	yellow diffused	5	10	60°	
L-169XYT	GaAsP/GaP	588	yellow transparent	5	15	50°	
L-169XAT	GaAsP/GaP	588	amber transparent	5	15	50°	
L-169XGD	GaP	568	green diffused	5	15	60°	
L-169XGT	GaP	568	green transparent	5	20	50°	
L-169XPGD	GaP	555	green diffused	1.8	5	60°	
L-169XPGTL	GaP	555	green transparent	3	8	50°	

L-91A7IDT	GaAsP/GaP	625	red diffused	3	8	60°	
L-91A7YDT	GaAsP/GaP	588	yellow diffused	1	3.5	60°	
L-91A7GDT	GaP	568	green diffused	3	7	60°	

L-103HDT	GaP	660	red diffused	0.4	1	110°	
L-103IDT	GaAsP/GaP	625	red diffused	1.8	5	110°	
L-103SRDT	GaAlAs	640	red diffused	*36	*80	110°	
L-103EDT	GaAsP/GaP	625	orange diffused	1.8	5	110°	
L-103YDT	GaAsP/GaP	588	yellow diffused	1	4	110°	
L-103GDT	GaP	568	green diffused	1.8	5	110°	

L-113HDT	GaP	660	red diffused	0.4	1	110°	
L-113IDT	GaAsP/GaP	625	red diffused	3	5	110°	
L-113SRDT	GaAlAs	640	red diffused	*36	*80	110°	
L-113EDT	GaAsP/GaP	625	orange diffused	3	5	110°	
L-113YDT	GaAsP/GaP	588	yellow diffused	1	4	110°	
L-113GDT	GaP	568	green diffused	1.8	5	110°	
L-113SRSGWT	GaAlAs	640	white diffused	*36	*70	100°	
	GaP	568		*7	*10		

NOTES:
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Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @10mA *20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		

L-383HDT	GaP	660	red diffused	0.4	1	110°	2.5mm x 5mm Rectangular
L-383IDT	GaAsP/GaP	625	red diffused	3	5	110°	
L-383SRDT	GaAlAs	640	red diffused	*36	*70	110°	
L-383SRWT	GaAlAs	640	white diffused	*36	*70	110°	
L-383EDT	GaAsP/GaP	625	orange diffused	3	5	110°	
L-383YDT	GaAsP/GaP	588	yellow diffused	1	4	110°	
L-383GDT	GaP	568	green diffused	1	4	110°	
L-383SGWT	GaP	568	white diffused	*7	*15	110°	

L-714HDT	GaP	660	red diffused	0.4	1	110°	3mm x 3mm Square
L-714IDT	GaAsP/GaP	625	red diffused	3	5	110°	
L-714SRDT	GaAlAs	640	red diffused	*36	*70	110°	
L-714EDT	GaAsP/GaP	625	orange diffused	3	5	110°	
L-714YDT	GaAsP/GaP	588	yellow diffused	1	5	110°	
L-714GDT	GaP	568	green diffused	1	5	110°	

L-1553HDT	GaP	660	red diffused	0.4	1	110°	5mm x 5mm Square
L-1553IDT	GaAsP/GaP	625	red diffused	3	8	110°	
L-1553SRDT	GaAlAs	640	red diffused	*36	*80	110°	
L-1553EDT	GaAsP/GaP	625	orange diffused	3	8	110°	
L-1553YDT	GaAsP/GaP	588	yellow diffused	1	5	110°	
L-1553GDT	GaP	568	green diffused	1	5	110°	

L-503HDT	GaP	660	red diffused	0.4	1	110°	5mm x 5mm Square
L-503IDT	GaAsP/GaP	625	red diffused	3	6	110°	
L-503YDT	GaAsP/GaP	588	yellow diffused	1	3	110°	
L-503GDT	GaP	568	green diffused	1	3	110°	

DLA/6ID DLC/6ID	GaAsP/GaP	625	red diffused	12	50	120°	20mm
DLA/6SRD DLC/6SRD	GaAlAs	640	red diffused	*110	*400	120°	
DLA/6YD DLC/6YD	GaAsP/GaP	588	yellow diffused	12	50	120°	
DLA/6GD DLC/6GD	GaP	568	green diffused	18	80	120°	
DLA/6SGD DLC/6SGD	GaP	568	green diffused	*70	*200	120°	

NOTES:
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L-7104

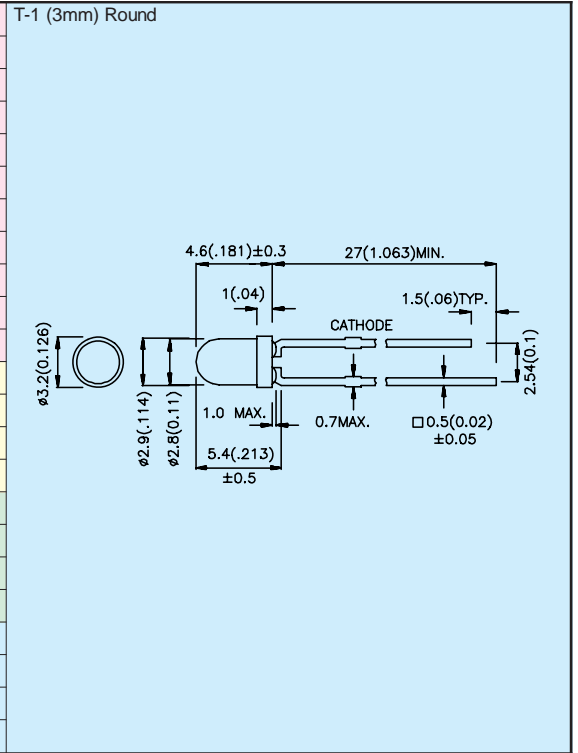


L-7113

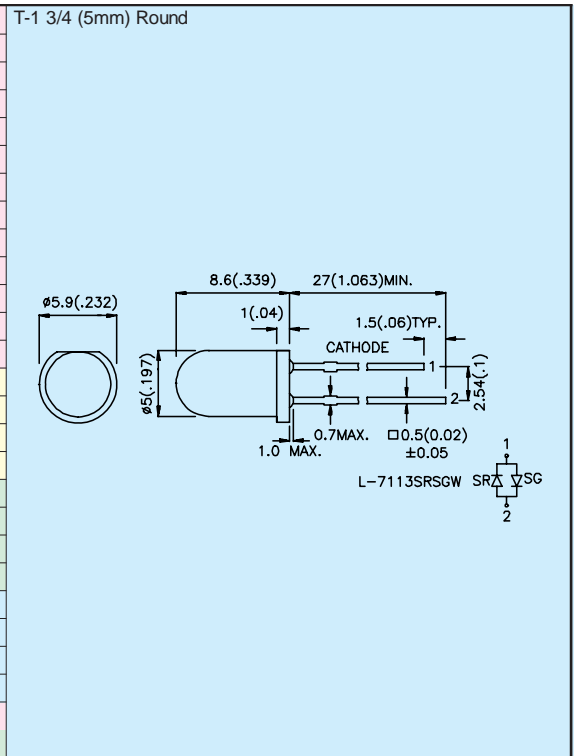


Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		

L-7104SRC-D	GaAlAs	640	water clear	480	600	34°
L-7104SRC-E	GaAlAs	640	water clear	650	800	34°
L-7104SRD-D	GaAlAs	640	red diffused	110	150	40°
L-7104SRD-E	GaAlAs	640	red diffused	180	250	40°
L-7104SRD-F	GaAlAs	640	red diffused	280	350	40°
L-7104SURC-E	InGaAlP	630	water clear	900	1300	34°
L-7104SEC	InGaAlP	601	water clear	480	1300	34°
L-7104SET	InGaAlP	601	orange transparent	480	1300	34°
L-7104SED	InGaAlP	601	orange diffused	280	800	40°
L-7104SEC-E	InGaAlP	621	water clear	900	2000	34°
L-7104SEC-H	InGaAlP	630	water clear	1800	3500	34°
L-7104SYC	InGaAlP	588	water clear	280	700	34°
L-7104SYT	InGaAlP	588	yellow transparent	280	700	34°
L-7104SYD	InGaAlP	588	yellow diffused	110	250	40°
L-7104SYC-H	InGaAlP	589	water clear	480	900	34°
L-7104SGC	GaP	568	water clear	70	150	34°
L-7104SGD	GaP	568	green diffused	18	40	40°
L-7104CGCK	InGaAlP	570	water clear	110	350	34°
L-7104VGC-E	InGaN	525	water clear	1500	2000	34°
L-7104PBD	InGaN	470	blue diffused	70	200	30°
L-7104PBT	InGaN	470	blue transparent	110	250	20°
L-7104PBC	InGaN	470	water clear	180	450	20°
L-7104PBC-E	InGaN	470	water clear	280	550	20°



L-7113SRC-DU	GaAlAs	640	water clear	900	1100	20°
L-7113SRC-DV	GaAlAs	640	water clear	1200	1400	20°
L-7113SRC-DW	GaAlAs	640	water clear	1500	1700	20°
L-7113SRD-D	GaAlAs	640	red diffused	180	250	30°
L-7113SRD-E	GaAlAs	640	red diffused	280	400	30°
L-7113SRD-F	GaAlAs	640	red diffused	480	600	30°
L-7113SURC	InGaAlP	628	water clear	1200	1400	20°
L-7113SURC-E	InGaAlP	630	water clear	1500	2200	20°
L-7113SEC	InGaAlP	601	water clear	650	2500	20°
L-7113SET	InGaAlP	601	orange transparent	650	2500	20°
L-7113SED	InGaAlP	601	orange diffused	380	800	30°
L-7113SEC-E	InGaAlP	621	water clear	1500	5000	20°
L-7113SEC-H	InGaAlP	630	water clear	3800	10000	20°
L-7113SYC	InGaAlP	588	water clear	650	2000	20°
L-7113SYT	InGaAlP	588	yellow transparent	650	2000	20°
L-7113SYD	InGaAlP	588	yellow diffused	110	400	30°
L-7113SYC-H	InGaAlP	589	water clear	1500	4500	20°
L-7113SGC	GaP	568	water clear	70	200	20°
L-7113SGD	GaP	568	green diffused	18	40	30°
L-7113CGCK	InGaAlP	570	water clear	380	900	20°
L-7113VGC-E	InGaN	525	water clear	1800	3000	20°
L-7113PBD	InGaN	470	blue diffused	70	400	20°
L-7113PBT	InGaN	470	blue transparent	280	450	16°
L-7113PBC	InGaN	470	water clear	280	1000	16°
L-7113PBC-E	InGaN	470	water clear	650	1200	16°
L-7113SRSGW	GaAlAs	640	white diffused	110	200	35°
	GaP	568	white diffused	18	60	35°



NOTES:

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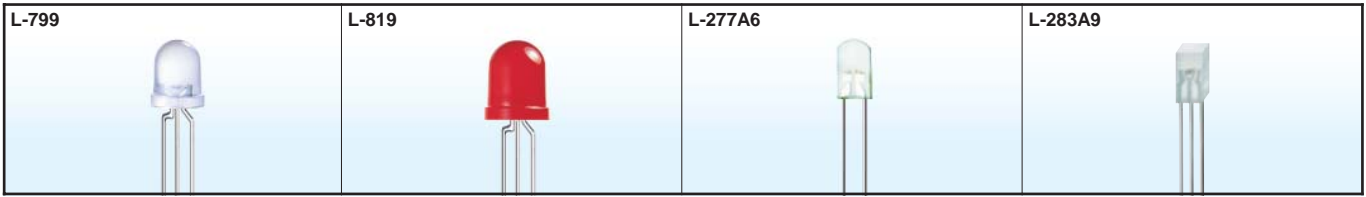
Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @ 20mA		Viewing Angle	Dimension
				Min.	Typ.		

L-57IID	GaAsP/GaP	625	red diffused	7	20	60°	T-1 3/4 (5mm) Round
	GaAsP/GaP	625		7	20		
L-57GGD	GaP	568	green diffused	4	10	60°	
	GaP	568		4	10		
L-57YYD	GaAsP/GaP	588	yellow diffused	4	10	60°	
	GaAsP/GaP	588		4	10		
L-57SRSRD	GaAlAs	640	red diffused	70	150	60°	
	GaAlAs	640		70	150		
L-57EGW	GaAsP/GaP	625	white diffused	10	30	60°	
	GaP	568		10	20		
L-57EYW	GaAsP/GaP	625	white diffused	10	30	60°	
	GaAsP/GaP	588		4	10		
L-57GYW	GaP	568	white diffused	10	20	60°	
	GaAsP/GaP	588		4	10		

L-59EGW	GaAsP/GaP	625	white diffused	18	60	60°	T-1 3/4 (5mm) Round
	GaP	568		18	50		
L-59EGW-CA	GaAsP/GaP	625	white diffused	2.6	5	60°	
	GaP	568		1.6	5		
L-59EYW	GaAsP/GaP	625	white diffused	18	60	60°	
	GaAsP/GaP	588		18	40		
L-59GYW	GaP	568	white diffused	18	50	60°	
	GaAsP/GaP	588		18	40		
L-59SRSGW-CC	GaAlAs	640	white diffused	110	220	60°	
	GaP	568		36	60		
L-59SURKMGKW	InGaAlP	635	white diffused	280	700	60°	
	InGaAlP	570		50	170		
L-59EGC	GaAsP/GaP	625	water clear	70	150	24°	
	GaP	568		70	150		
L-59EYC	GaAsP/GaP	625	water clear	70	150	24°	
	GaAsP/GaP	588		18	60		
L-59GYC	GaP	568	water clear	70	150	24°	
	GaAsP/GaP	588		18	60		
L-59SRSGC-CC	GaAlAs	640	water clear	280	600	24°	
	GaP	568		70	200		
L-59SURKSGC	InGaAlP	635	water clear	480	1100	24°	
	GaP	568		70	200		

L-154A4SURKPBVGC	InGaAlP	635		380	700	T-1 3/4 (5mm) Full color 	
	InGaN	470	water clear	180	500		50°
	InGaN	525		480	1200		
L-154A4SURKPBVGW	InGaAlP	635		280	500	60°	
	InGaN	470	white diffused	70	300		60°
	InGaN	525		180	500		
L-154A4SUREPBVGC	InGaAlP	630		650	1300	50°	
	InGaN	470	water clear	280	800		50°
	InGaN	525		480	1200		
L-154A4SUREPBVGW	InGaAlP	630		380	750	60°	
	InGaN	470	white diffused	180	450		60°
	InGaN	525		180	500		

NOTES:
 1. All dimensions are in millimeters (inches).
 2. Tolerance is ±0.25mm (0.01") unless otherwise noted.



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @ 20mA		Viewing Angle	Dimension
				Min.	Typ.		

L-799EGW	GaAsP/GaP	625	white diffused	36	80	50°	8mm Round
	GaP	568		18	50		
L-799SRSGW-CC	GaAlAs	640	white diffused	110	200	50°	
	GaP	568		18	50		
L-799SURKMGKW	InGaAlP	635	white diffused	380	600	50°	
	InGaAlP	570		50	130		

L-819IID	GaAsP/GaP	625	red diffused	36	80	50°	10mm Round
L-819GGD	GaP	568	green diffused	10	40	50°	
L-819YYD	GaAsP/GaP	588		yellow diffused	10		
L-819EGW	GaAsP/GaP	625	white diffused		36	80	
L-819SRSGW-CC	GaAlAs	640		white diffused	110	200	
L-819SURKMGKW	InGaAlP	635	white diffused		380	750	
	InGaAlP	570		50	130		

L-277A6GNW	GaP	568	white diffused	4	10	60°	1.75mm x 3.9mm Rectangular
	GaAsP/GaP	610		4	11		
L-277A6GYW	GaP	568	white diffused	4	12	60°	
	GaAsP/GaP	588		2.6	6		

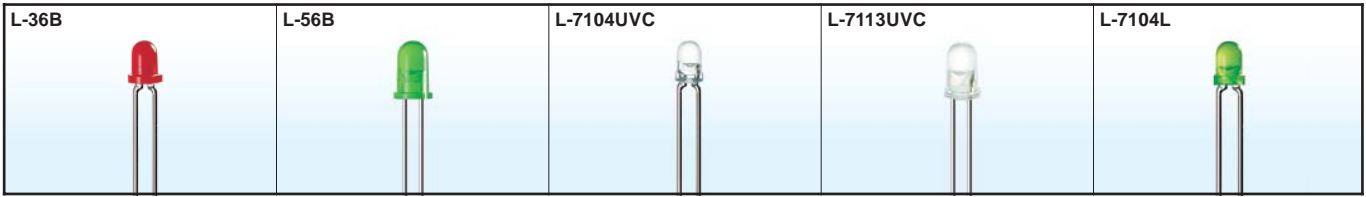
L-283A9NGWT/G	GaAsP/GaP	610	white diffused	7	15	120°	1.75mm x 3.5mm Rectangular
	GaP	568		4	10		

NOTES:
 1. All dimensions are in millimeters (inches).
 2. Tolerance is ±0.25mm (0.01") unless otherwise noted.



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @ 20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		
L-91A6GNWT	GaP	568	white diffused	1.6	4	110°	2mm x 3mm Rectangular
	GaAsP/GaP	610		4	10		
L-91A6YGWT	GaAsP/GaP	588	white diffused	1.6	4	110°	
	GaP	568		1.6	4		
L-117EGWT	GaAsP/GaP	625	white diffused	4	10	110°	2mm x 5mm Rectangular
	GaP	568		4	8		
L-117EYWT	GaAsP/GaP	625	white diffused	4	10	110°	
	GaAsP/GaP	588		2.6	6		
L-117GYWT	GaP	568	white diffused	4	8	110°	
	GaAsP/GaP	588		2.6	6		
L-119EGWT	GaAsP/GaP	625	white diffused	7	20	110°	2mm x 5mm Rectangular
	GaP	568		4	12		
L-119SRSGWT-CC	GaAlAs	640	white diffused	18	60	110°	
	GaP	568		4	12		
L-119SURKMGKWT	InGaAlP	635	white diffused	70	170	110°	
	InGaAlP	570		10	30		

NOTES:
 1. All dimensions are in millimeters(inches).
 2. Tolerance is ±0.25mm(0.01") unless otherwise noted.



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) V=9V		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		
L-36BHD	GaP	660	red diffused	1	2	60°	T-1 (3mm) Round
L-36BID	GaAsP/GaP	625	red diffused	12	20	60°	
L-36BSRD-B	GaAlAs	640	red diffused	110	200	60°	
L-36BYD	GaAsP/GaP	588	yellow diffused	5	10	60°	
L-36BGD	GaP	568	green diffused	5	15	60°	

L-56BHD	GaP	660	red diffused	1.8	5	60°	T-1 3/4 (5mm) Round
L-56BID	GaAsP/GaP	625	red diffused	18	40	60°	
L-56BSRD-B	GaAlAs	640	red diffused	110	200	60°	
L-56BYD	GaAsP/GaP	588	yellow diffused	5	20	60°	
L-56BGD	GaP	568	green diffused	5	20	60°	

Part No.	Material	λ D (nm)	Lens Type	Φe (mW) @ 20 mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		

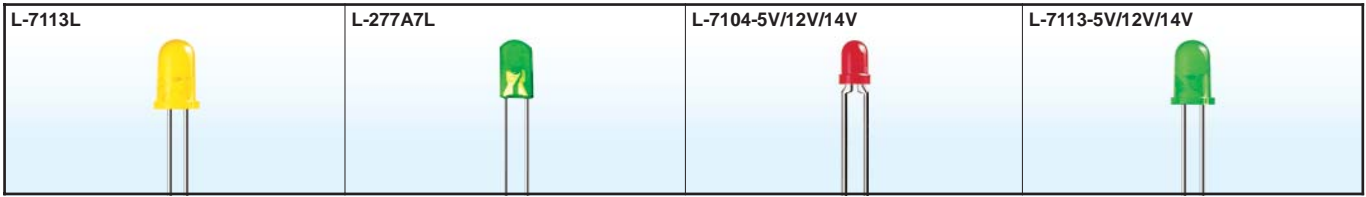
L-7104UVC	InGaN	395	water clear	7	35	34°	Ultraviolet
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L-7113UVC	InGaN	395	water clear	7	30	20°	Ultraviolet
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Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @ 2mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		

L-7104LID	GaAsP/GaP	625	red diffused	0.7	3	40°	T-1 (3mm) Round
L-7104LSRD	GaAlAs	640	red diffused	8	20	40°	
L-7104LYD	GaAsP/GaP	588	yellow diffused	0.7	1.5	40°	
L-7104LGD	GaP	568	green diffused	0.7	2	40°	

NOTES:
 1. All dimensions are in millimeters(inches).
 2. Tolerance is ±0.25mm(0.01") unless otherwise noted.



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @ 2mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		

L-7113LID	GaAsP/GaP	625	red diffused	0.7	5	30°	T-1 3/4 (5mm) Round
L-7113LSRD	GaAlAs	640	red diffused	8	20	30°	
L-7113LYD	GaAsP/GaP	588	yellow diffused	0.7	2	30°	
L-7113LGD	GaP	568	green diffused	0.7	2	30°	

L-277A7LID	GaAsP/GaP	625	red diffused	0.4	2	30°	1.75mm x 3.9mm Rectangular
L-277A7LYD	GaAsP/GaP	588	yellow diffused	0.2	0.5	30°	
L-277A7LGD	GaP	568	green diffused	0.3	0.8	30°	

Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) V=5V		Viewing Angle 2θ1/2	Dimension
				*V=12V	**V=14V		

L-7104ID-5V	GaAsP/GaP	625	red diffused	8	20	40°	T-1 (3mm) Round
L-7104ID-12V	GaAsP/GaP	625	red diffused	*8	*20	40°	
L-7104ID-14V	GaAsP/GaP	625	red diffused	**8	**20	40°	
L-7104SRD-5V	GaAlAs	640	red diffused	70	150	40°	
L-7104SRD-12V	GaAlAs	640	red diffused	*40	*100	40°	
L-7104SRD-14V	GaAlAs	640	red diffused	**28	**90	40°	
L-7104YD-5V	GaAsP/GaP	588	yellow diffused	8	15	40°	
L-7104YD-12V	GaAsP/GaP	588	yellow diffused	*3	*11	40°	
L-7104YD-14V	GaAsP/GaP	588	yellow diffused	**3	**11	40°	
L-7104GD-5V	GaP	568	green diffused	8	20	40°	
L-7104GD-12V	GaP	568	green diffused	*8	*20	40°	
L-7104GD-14V	GaP	568	green diffused	**8	**20	40°	
L-7104SGD-5V	GaP	568	green diffused	8	20	40°	
L-7104SGD-12V	GaP	568	green diffused	*8	*20	40°	
L-7104SGD-14V	GaP	568	green diffused	**8	**20	40°	

L-7113ID-5V	GaAsP/GaP	625	red diffused	12	30	30°	T-1 3/4 (5mm) Round
L-7113ID-12V	GaAsP/GaP	625	red diffused	*12	*30	30°	
L-7113ID-14V	GaAsP/GaP	625	red diffused	**12	**30	30°	
L-7113SRD-5V	GaAlAs	640	red diffused	110	180	30°	
L-7113SRD-12V	GaAlAs	640	red diffused	*110	*180	30°	
L-7113SRD-14V	GaAlAs	640	red diffused	**70	**160	30°	
L-7113YD-5V	GaAsP/GaP	588	yellow diffused	5	20	30°	
L-7113YD-12V	GaAsP/GaP	588	yellow diffused	*5	*20	30°	
L-7113YD-14V	GaAsP/GaP	588	yellow diffused	**5	**16	30°	
L-7113GD-5V	GaP	568	green diffused	8	20	30°	
L-7113GD-12V	GaP	568	green diffused	*8	*20	30°	
L-7113GD-14V	GaP	568	green diffused	**5	**18	30°	
L-7113SGD-5V	GaP	568	green diffused	8	20	30°	
L-7113SGD-12V	GaP	568	green diffused	*8	*20	30°	
L-7113SGD-14V	GaP	568	green diffused	**5	**18	30°	

NOTES:

1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.

