

Model	Dimension	Dice Material	Lens Color	Emis-sion Color	Forward Voltage		Dominant Wavelength	Luminous Intensity	Reverse Current	50% Power Angle
					IF=20mA		IF=20mA	IF=20mA		
					Min	Typ	Typ	Typ		
Round 5MM Illuminate&Indicator Light Series										
LL1501PTBG1-151	5mm	InGaN	Water Clear	Blurish green	2.8	3.4	505	13000	10	15
LL1501SQBL1-151	5mm	InGaN	Water Clear	Blue	2.8	3.4	470	9000	10	15
LL1501AIHR1-151	5mm	AlGaInP	Water Clear	Red	1.7	2	624	5500	10	15
LL1501TQYL1-151	5mm	AlGaInP	Water Clear	Yellow	1.7	2	590	4300	10	15
LL1501JTPG1-151	5mm	InGaN	Water Clear	Green	2.8	3.4	525	18000	10	15
LL1501PUSG1-151	5mm	InGaN	Water Clear	Green	2.8	3.4	515	12000	10	15
LL1503TKHR1-251	5mm	AlGaInP	Water Clear	Red	1.7	2	624	2700	10	25
LL1503TKHR1-301	5mm	AlGaInP	Water Clear	Red	1.7	2	624	2600	10	30
LL1501TQYL1-301	5mm	AlGaInP	Water Clear	Yellow	1.7	2	590	2100	10	30
LL1503TKHR1-501	5mm	AlGaInP	Water Clear	Red	1.7	2	624	1600	10	50
LL1503AIHR1-501	5mm	AlGaInP	Water Clear	Red	1.7	2	624	1500	10	50
LL1503PLBL1-301	5mm	InGaN	Water Clear	Blue	2.8	3.4	470	2300	10	30
LL1503PUPG1-301	5mm	InGaN	Water Clear	Green	2.8	3.4	525	7600	10	30
LL1503PUSG1-301	5mm	InGaN	Water Clear	Green	2.8	3.4	515	7500	10	30
LL1503PVPG4-501	5mm	InGaN	Water Clear	Green	2.8	3.4	525	4000	10	50
LL1503STPG1-501	5mm	InGaN	Water Clear	Green	2.8	3.4	525	7000	10	50
LL1503PLBL1-501	5mm	InGaN	Water Clear	Blue	2.8	3.4	470	1600	10	50
LL1503SQBL1-501	5mm	InGaN	Water Clear	Blue	2.8	3.4	470	2000	10	50
LL1502AIHR4-901	5mm Strawhat	AlGaInP	Red Diffused	Red	1.7	2.0	624	250	10	90
LL1502STPG4-701	5mm Strawhat	InGaN	Green Diffused	Green	2.8	3.4	525	2000	10	70
LL1502SHBL4-701	5mm Strawhat	InGaN	Blue Diffused	Blue	2.8	3.4	470	500	10	70
LL1502AHYL4-B01	5mm Strawhat	InGaN	Yellow Diffused	Yellow	1.7	2.0	590	200	10	110
LL1502AIHR1-902	5mm Strawhat	AlGaInP	Water Clear	Red	1.7	2.0	624	300	10	90
LL1502JTPG1-701	5mm Strawhat	InGaN	Water Clear	Green	2.8	3.4	525	3000	10	70
LL1502SQBL1-701	5mm Strawhat	InGaN	Water Clear	Blue	2.8	3.4	470	800	10	70
Quadrangle 2*3*4mm Backlight Series										
LL3301SQPG1-801	3.2*1.95*4.15	InGaN	Water Clear	Green	2.8	3.4	525	750	10	80
LL3301SGBL1-801	3.2*1.95*4.15	InGaN	Water Clear	Blue	2.8	3.4	470	250	10	80
LL3301SCWW1-C01	3.2*1.95*4.15	InGaN	Water Clear	White	2.8	3.4	0.30,0.305	700	10	120
White Lamp Series										
LL1316HCWW1-301	3mm round	InGaN	Water Clear	White	2.8	3.6	0.299,0.304	6500	10	30
LL1316HCWR1-301	3mm round	InGaN	Water Clear	Warm White	2.8	3.6	0.428,0.409	6000	10	30
LL1503HCWW1-301	5mm round	InGaN	Water Clear	White	2.8	3.6	0.299,0.304	8000	10	30
LL1503HCWR1-301	5mm round	InGaN	Water Clear	Warm White	2.8	3.4	0.428,0.409	7000	10	30
LL1503HCWW1-501	5mm round	InGaN	Water Clear	White	2.8	3.6	0.299,0.304	3500	10	50
LL1503HCWR1-501	5mm round	InGaN	Water Clear	Warm White	2.8	3.4	0.428,0.409	3200	10	50
LL1516HCWW1-151	5mm round	InGaN	Water Clear	White	2.8	3.6	0.299,0.304	18000	10	15
LL1516HCWR1-151	5mm round	InGaN	Water Clear	Warm White	2.8	3.4	0.428,0.409	16000	10	15
LL1502HCWW1-C01	5mm round	InGaN	Water Clear	White	2.8	3.6	0.299,0.304	1400	10	120
LL1502HCWR1-C01	5mm round	InGaN	Water Clear	Warm White	2.8	3.4	0.428,0.409	1400	10	120
LL2501HCWW1-A02	5mm round	InGaN	Water Clear	White	3.0	3.6	0.299,0.304	2500	10	100/50
LL2501HCWW2-A02	5mm round	InGaN	White diffused	White	3.0	3.6	0.299,0.304	2500	10	100/50
LL2501HCWW2-A02	5mm round	InGaN	White diffused	White	3.0	3.6	0.299,0.304	2100	10	100/50
LL2501HCWW2-802	5mm round	InGaN	White diffused	White	3.0	3.6	0.299,0.304	3000	10	80/40
LL1506HCWW1-A01	5mm round	InGaN	Water Clear	White	3.0	3.6	0.299,0.304	1700	10	100
LL1506HCWR1-A01	5mm round	InGaN	Water Clear	Warm White	3.0	3.6	0.428,0.409	1700	10	100
LL1524HCWW1-151	5mm round	InGaN	Water Clear	White	3.0	3.6	0.299,0.304	18000	10	100
LL1524HCWR1-A01	5mm round	InGaN	Water Clear	Warm White	3.0	3.6	0.428,0.409	16000	10	100
LL1520HCWW1-C01	5mm round	InGaN	Water Clear	White	3.0	3.6	0.299,0.304	700	10	120
LL3301HCWW1-C01	3.2*1.95*4.15	InGaN	Water Clear	White	2.8	3.4	0.299,0.304	700	10	120
Traffic Series										
LL1501BVBG1-151	5mm	InGaN	Water Clear	Bluish Green	2.8	3.4	505	13000	10	15
LL1503BVBG1-301	5mm	InGaN	Water Clear	Bluish Green	2.8	3.4	505	6700	10	30
LL1503TKHR1-251	5mm	AlGaInP	Water Clear	Red	1.7	2.0	624	2700	10	25
LL1503TKHR1-301	5mm	AlGaInP	Water Clear	Red	1.7	2.0	624	2600	10	30
LL1503TLHR1-302	5mm	AlGaInP	Water Clear	Red	1.7	2.0	624	2600	10	30
LL1530QUHR1-301	5mm	AlGaInP	Water Clear	Red	1.7	2.0	624	4000	10	30
LL1503TQYL1-301	5mm	AlGaInP	Water Clear	Yellow	1.7	2.0	590	2100	10	30
LL1530QVYL1-301	5mm	AlGaInP	Water Clear	Yellow	1.7	2.0	590	4000	10	30
Round 3MM Indicator Light Series										
LL1302JTPG1-251	3mm	AlGaInP	Water Clear	Green	2.8	3.4	525	9000	10	25
LL1325JTPG1-251	3mm	InGaN	Water Clear	Green	2.8	3.4	525	8000	10	25
LL1325SOBL1-251	3mm	InGaN	Water Clear	Blue	2.8	3.4	470	2100	10	25
LL1302QUHR1-251	3mm	AlGaInP	Water Clear	Red	1.7	2.0	624	4000	10	25
LL1302TLHR1-301	3mm	AlGaInP	Water Clear	Red	1.7	2.0	624	2300	10	30
LL1316AIHR1-301	3mm	AlGaInP	Water Clear	Red	1.7	2.0	624	1500	10	30