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Discrete Blue & White LED Indicators

NTE Type No.	Typical Viewing Angle (°)	Viewed Color	Lens Type	Typical Luminous Intensity (mcd)	Typical Forward Voltage Drop (Volts)	Maximum Reverse Breakdown Voltage (Volts)	Maximum DC Forward Current (mA)	Maximum Power Dissipation (mW)
				I_V	V_F	V_R	I_F	P_D
0603 (SMT)								
30019	140	Super Bright Blue	Water Clear	52	3.5	4	20	120
30020	140	Super Bright White	Yellow Diffused	370	3.5	4	20	120
0805 (SMT)								
30023	140	Super Bright Blue	Water Clear	52	3.5	4	20	120
30024	140	Super Bright White	Yellow Diffused	600	3.5	4	20	120
1206 (SMT)								
30078	140	Super Bright Blue	Water Clear	48	3.5	4	20	120
30079	140	Super Bright White	Yellow Diffused	350	3.5	4	20	120
Right Angle (SMT)								
30085	120	Super Bright Blue	Water Clear	60	3.5	4	20	120
PLCC (SMT)								
30027	120	Super Bright Blue	Water Clear	48	3.5	4	20	120
30028	120	Super Bright White	Yellow Transparent	900	3.5	4	30	120
T-3/4 (1.8mm)								

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3139	24	Super Blue	Water Clear	1500	3.5	4	25	120
T-1 (3mm)								
30036	15	Super Blue	Water Clear	3000	3.5	5	30	120
3184	20	Blue	Clear Blue	55	4.5	5	30	105
3183	60	Blue	Blue Diffused	26	4.5	5	30	105
30044	30	Super White	Water Clear	7000	3.6	5	30	120
3185	50	White	Clear White	180 Max	3.8	5	30	105
T-1 3/4 (5mm)								
30043	12	Super Blue	Water Clear	3500	3.5	5	30	120
3187	16	Blue	Water Clear	95	4.5	5	30	105
3186	60	Blue	Blue Diffused	40	4.5	5	30	105
30045	22	Super White	Water Clear	16000	3.6	5	30	120
3188	50	White	Water Clear	180 Max	3.8	5	30	105

Discrete Super Bright LED Indicators

NTE Type No.	**Typical Viewing Angle** (°)	**Viewed Color**	**Lens Type**	**Typical Luminous Intensity** (mcd)	**Typical Forward Voltage Drop** (Volts)	**Maximum Reverse Breakdown Voltage** (Volts)	**Maximum DC Forward Current** (mA)	**Maximum Power Dissipation** (mW)
				I_V	V_F	V_R	I_F	P_D
0603 (SMT)								
30005	120	Super Bright Red	Water Clear	100	1.85	5	30	100
30006	120	Super Bright Green	Water Clear	15	2.2	5	25	105
30018	140	Super Bright Orange	Water Clear	75	2.0	5	25	100

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30019	140	Super Bright Blue	Water Clear	52	3.5	4	20	120
30020	140	Super Bright White	Yellow Diffused	370	3.5	4	20	120
0805 (SMT)								
30003	120	Super Bright Green	Water Clear	15	2.2	5	25	105
30022	140	Super Bright Orange	Water Clear	70	2.0	5	25	100
30023	140	Super Bright Blue	Water Clear	52	3.5	4	20	120
30024	140	Super Bright White	Yellow Diffused	600	3.5	4	20	120
1206 (SMT)								
30074	140	Super Bright Red	Water Clear	100	2.0	5	25	100
30075	140	Super Bright Green	Water Clear	220	3.5	5	20	120
30076	140	Super Bright Yellow	Water Clear	100	2.0	5	25	100
30077	140	Super Bright Orange	Water Clear	100	2.0	5	25	100
30078	140	Super Bright Blue	Water Clear	48	3.5	4	20	120
30079	140	Super Bright White	Yellow Diffused	350	3.5	4	20	120
Right Angle (SMT)								

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30081	120	Super Bright Red	Water Clear	37.5	1.8	5	30	110
30082	120	Super Bright Green	Water Clear	13.5	2.15	5	25	84
30083	140	Super Bright Yellow	Water Clear	60	2.0	5	25	100
30084	120	Super Bright Orange	Water Clear	60	2.0	5	25	100
30085	120	Super Bright Blue	Water Clear	60	3.5	4	20	120
PLCC (SMT)								
30011	120	Super Bright Red	Water Clear	150	1.85	5	30	105
30012	120	Super Bright Green	Water Clear	25	2.2	5	25	105
30026	120	Super Bright Orange	Water Clear	60	2.0	5	25	100
30027	120	Super Bright Blue	Water Clear	48	3.5	4	20	120
30028	120	Super Bright White	Yellow Transparent	900	3.5	4	30	120
SOT-23 (SMT)								
30088	140	Super Bright Red	Water Clear	12	1.8	5	30	110
T-3/4 (1.8mm)								
3004	60	Super Red	Red Diffused	45	1.9	5	25	105
3137	24	Super Red	Water Clear	1500	2.0	5	25	100

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3138	24	Super Red	Water Clear	1200	1.66	5	25	110
3136	24	Super Orange	Water Clear	1300	2.0	5	25	100
3134	24	Super Yellow	Water Clear	1300	2.0	5	25	100
30009	20	Super Green	Water Clear	100	2.2	5	25	105
3133	24	Super Yellow/ Green	Water Clear	900	2.2	5	25	100
3132	24	Super High-Eff Yellow/ Green	Water Clear	500	2.15	5	25	84
3139	24	Super Blue	Water Clear	1500	3.5	4	25	120
T-1 (3mm)								
30034	19	Super Deep Red	Water Clear	2000	1.86	5	25	110
30035	10	Super Amber	Water Clear	2500	2.0	5	25	100
30033	10	Super Orange	Water Clear	2500	2.0	5	25	100
30032	10	Super Yellow	Water Clear	2500	2.0	5	25	100
30031	14	Super Pure Green	Water Clear	5000	3.5	5	30	120
30030	14	Super Yellow/ Green	Water Clear	1600	2.2	5	25	100
30036	15	Super Blue	Water Clear	3000	3.5	5	30	120
30120	25	Super Purple	Water Clear	75	3.3	5	20	120
30125	30	Super Pink	Water Clear	1000 Max	3.3	5	30	120

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30044	30	Super White	Water Clear	7000	3.6	5	30	120
T-1 3/4 (5mm)								
30041	12	Super Deep Red	Water Clear	3500	1.86	5	25	110
30040	40	Super Orange	Water Clear	5500	2.0	5	25	100
30042	12	Super Amber	Water Clear	5500	2.0	5	25	100
30039	12	Super Yellow	Water Clear	7000	2.25	5	30	100
30038	15	Super Pure Green	Water Clear	10500	3.5	5	30	120
30037	12	Super Yellow/ Green	Water Clear	2500	2.2	5	25	100
30043	12	Super Blue	Water Clear	3500	3.5	5	30	120
30121	20	Super Purple	Water Clear	300	3.3	5	30	80
30126	35	Ultra Bright Pink	Water Clear	4000	3.45	5	30	120
30045	22	Super White	Water Clear	16000	3.6	5	30	120
8mm								
30056	25	Super Light Red	Water Clear	3600	2.0	5	25	100
30057	30	Super Deep Red	Water Clear	2200	1.86	5	25	110
30055	25	Super Orange	Water Clear	3600	2.0	5	25	100
30054	30	Super Light Green	Water Clear	4500	3.5	4	25	120

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30053	25	Super Yellow Green	Water Clear	1600	2.2	5	25	100
30058	35	Super Blue	Water Clear	1500	3.5	4	25	120
30123	25	Super Purple	Water Clear	190	3.3	5	20	120
30059	30	Super White	Water Clear	4000	3.5	4	25	120
T-3 1/4 (10mm)								
30068	40	Super Light Red	Water Clear	2000	2.0	5	25	100
30069	40	Super Deep Red	Water Clear	3000	1.86	5	25	110
30067	40	Super Orange	Water Clear	2000	2.0	5	25	100
30066	40	Super Light Green	Water Clear	3500	3.5	4	30	120
30065	40	Super Yellow Green	Water Clear	1300	2.2	5	25	100
30070	40	Super Blue	Water Clear	1200	3.5	5	25	120
30124	20	Super Purple	Water Clear	180	3.3	5	30	80
30071	40	Super White	Water Clear	4000	3.3	4	25	120

Discrete Surface Mount LED Indicators

NTE Type No.	**Typical Viewing Angle** (°)	**Viewed Color**	**Lens Type**	**Typical Luminous Intensity** (mcd)	**Typical Forward Voltage Drop** (Volts)	**Maximum Reverse Breakdown Voltage** (Volts)	**Maximum DC Forward Current** (mA)	**Maximum Power Dissipation** (mW)
				I_V	V_F	V_R	I_F	P_D
0603								

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30005	120	Super Bright Red	Water Clear	100	1.85	5	30	100
30006	120	Super Bright Green	Water Clear	15	2.2	5	25	105
30007	120	Yellow	Water Clear	8	2.1	5	30	105
30018	140	Super Bright Orange	Water Clear	75	2.0	5	25	100
30019	140	Super Bright Blue	Water Clear	52	3.5	4	20	120
30020	140	Super Bright White	Yellow Diffused	370	3.5	4	20	120
0805								
30002	120	High-Eff Red	Water Clear	12	2.0	5	30	105
30003	120	Super Bright Green	Water Clear	15	2.2	5	25	105
30004	120	Yellow	Water Clear	8	2.1	5	30	105
30022	140	Super Bright Orange	Water Clear	70	2.0	5	25	100
30023	140	Super Bright Blue	Water Clear	52	3.5	4	20	120
30024	140	Super Bright White	Yellow Diffused	600	3.5	4	20	120
1206								
30074	140	Super Bright Red	Water Clear	100	2.0	5	25	100
30075	140	Super Bright Green	Water Clear	220	3.5	5	20	120

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30076	140	Super Bright Yellow	Water Clear	100	2.0	5	25	100
30077	140	Super Bright Orange	Water Clear	100	2.0	5	25	100
30078	140	Super Bright Blue	Water Clear	48	3.5	4	20	120
30079	140	Super Bright White	Yellow Diffused	350	3.5	4	20	120
Right Angle								
30081	120	Super Bright Red	Water Clear	37.5	1.8	5	30	110
30082	120	Super Bright Green	Water Clear	13.5	2.15	5	25	84
30083	140	Super Bright Yellow	Water Clear	60	2.0	5	25	100
30084	120	Super Bright Orange	Water Clear	60	2.0	5	25	100
30085	120	Super Bright Blue	Water Clear	60	3.5	4	20	120
PLCC								
30011	120	Super Bright Red	Water Clear	150	1.85	5	30	105
30012	120	Super Bright Green	Water Clear	25	2.2	5	25	105
30013	120	Yellow	Water Clear	15	2.1	5	30	105
30026	120	Super Bright Orange	Water Clear	60	2.0	5	25	100

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30027	120	Super Bright Blue	Water Clear	48	3.5	4	20	120
30028	120	Super Bright White	Yellow Transparent	900	3.5	4	30	120
SOT-23								
30088	140	Super Bright Red	Water Clear	12	1.8	5	30	110
30089	140	Yellow	Water Clear	4	2.1	5	25	90
30090	140	High-Eff Red + Yellow	Water Clear	4	2.05/2.1	5	30/25	90
30091	140	High-Eff Red + Green	Water Clear	4	2.05/2.15	5	30/25	90/84
30092	140	Yellow + Green	Water Clear	4	2.1/2.15	5	25	90/84

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