

TECHNICAL LED'S LED COLOR CHART

WAVELENGTH(NM)	COLOR NAME	FWD VOLTAGE(VF @ 20MA)	INTENSITY 5MM LEDS	VIEWING ANGLE	LED DYE MATERIAL
940	Infrared	1.5	16mW@50mA	15°	GaAlAs/GaAs -- Gallium Aluminum Arsenide/Gallium Arsenide
880	Infrared	1.7	18mW@50mA	15°	GaAlAs/GaAs -- Gallium Aluminum Arsenide/Gallium Arsenide
850	Infrared	1.7	26mW@50mA	15°	GaAlAs/GaAs -- Gallium Aluminum Arsenide/Gallium Aluminum Arsenide
660	Ultra Red	1.8	2000mcd@50mA	15°	GaAlAs/GaAs -- Gallium Aluminum Arsenide/Gallium Aluminum Arsenide
635	High Eff. Red	2.0	200mcd @20mA	15°	GaAsP/GaP - Gallium Arsenic Phosphide / Gallium Phosphide
633	Super Red	2.2	3500mcd@20mA	15°	InGaAlP - Indium Gallium Aluminum Phosphide
620	Super Orange	2.2	4500mcd@20mA	15°	InGaAlP - Indium Gallium Aluminum Phosphide
612	Super Orange	2.2	6500mcd@20mA	15°	InGaAlP - Indium Gallium Aluminum Phosphide
605	Orange	2.1	160mcd @20mA	15°	GaAsP/GaP - Gallium Arsenic Phosphide / Gallium Phosphide
595	Super Yellow	2.2	5500mcd@20mA	15°	InGaAlP - Indium Gallium Aluminum Phosphide
592	Super Pure Yellow	2.1	7000mcd@20mA	15°	InGaAlP - Indium Gallium Aluminum Phosphide
585	Yellow	2.1	100mcd @20mA	15°	GaAsP/GaP - Gallium Arsenic Phosphide / Gallium Phosphide
4500K	"Incandescent" White	3.6	2000mcd@20mA	20°	SiC/GaN -- Silicon Carbide/Gallium Nitride
6500K	Pale White	3.6	4000mcd@20mA	20°	SiC/GaN -- Silicon Carbide/Gallium Nitride
8000K	Cool White	3.6	6000mcd@20mA	20°	SiC/GaN - Silicon Carbide / Gallium Nitride
574	Super Lime Yellow	2.4	1000mcd@20mA	15°	InGaAlP - Indium Gallium Aluminum Phosphide
570	SuperLime Green	2.0	1000mcd@20mA	15°	InGaAlP - Indium Gallium Aluminum Phosphide
565	High Efficiency Green	2.1	200mcd@20mA	15°	GaP/GaP - Gallium Phosphide/ Gallium Phosphide
560	SuperPure Green	2.1	350mcd@20mA	15°	InGaAlP - Indium Gallium Aluminum Phosphide
555	Pure Green	2.1	80mcd@20mA	15°	GaP/GaP - Gallium Phosphide/ Gallium Phosphide
525	Aqua Green	3.5	10,000mcd@20mA	15°	SiC/GaN - Silicon Carbide / Gallium Nitride
505	Blue Green	3.5	2000mcd@20mA	45°	SiC/GaN - Silicon Carbide / Gallium Nitride
470	Super Blue	3.6	3000mcd@20mA	15°	SiC/GaN - Silicon Carbide / Gallium Nitride
430	Ultra Blue	3.8	100mcd@20mA	15°	SiC/GaN - Silicon Carbide / Gallium Nitride

RELATIVE INTENSITY VS WAVELENGTH (P)

