

Typical Operating Characteristics ($T_A=25^{\circ}\text{C}$)

See LED data sheet for additional information
See page 4-70 and 4-71 for Reference Only LED Drive Circuit Examples. See page 4-72 for Pin Out

HIGH EFFICIENCY

Part Number	Color	Peak Wavelength nm	I _v mcd	V _F Volts	Test Current (mA)	Viewing Angle 2 $\theta_{\%}$	LED Data sheet	Page #
553-0111-300	Red	650	10	2	10	45°	521-9427	4-64
553-0122-300	Green	563	16	2.1	10	45°	521-9408	4-64
553-0133-300	Yellow	585	6.3	2.1	10	45°	521-9428	4-64
553-0177-300	Orange	600	7	2.2	10	60°	521-9498	4-58
553-0188-300	Blue	428	12	3.5	10	70°	521-9831	4-57

LOW CURRENT

Part Number	Color	Peak Wavelength nm	I _v mcd	V _F Volts	Test Current (mA)	Viewing Angle 2 $\theta_{\%}$	LED Data sheet	Page #
553-0211-300	Red	635	1.6	1.7	2	60°	521-9324	4-60
553-0222-300	Green	565	1.6	1.9	2	60°	521-9326	4-60
553-0233-300	Yellow	585	1.6	1.8	2	60°	521-9325	4-60

INTEGRAL RESISTOR, 5 VOLTS

Part Number	Color	Peak Wavelength nm	I _v mcd	Test Voltage	Forward Current (mA)	Viewing Angle 2 $\theta_{\%}$	LED Data sheet	Page #
553-0311-300	Red	635	29	5	10	60°	521-9215	4-59
553-0322-300	Green	565	19	5	10	60°	521-9323	4-59
553-0333-300	Yellow	585	12.6	5	10	60°	521-9322	4-59

BI-COLOR

Part Number	Color	Peak Wavelength nm	I _v mcd	V _F Volts	Test Current (mA)	Viewing Angle 2 $\theta_{\%}$	LED Data sheet	Page #
553-0711-300	Red/Green	635/565	4.7/10	2/2.1	10	50°	521-9459	4-63
553-0744-300	Yellow/Green	585/565	4.3/6.3	2.1*/2.1*	10	80°	521-9478	4-62

* I_F = 20mA

NON-DIFFUSED

Part Number	Color	Peak Wavelength nm	I _v mcd	V _F Volts*	Test Current (mA)	Viewing Angle 2 $\theta_{\%}$	LED Data sheet	Page #
553-2211-300	Red	635	29	2	10	45°	521-9432	4-61
553-2222-300	Green	565	50	2.1	10	45°	521-9430	4-61
553-2233-300	Yellow	585	20	2.1	10	45°	521-9431	4-61

* I_F = 20mA