

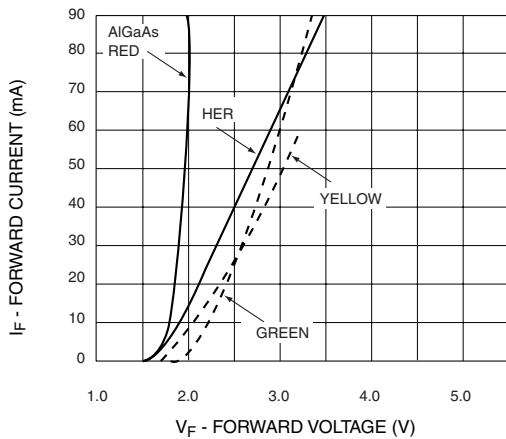


HER / AlGaAs RED	MV6661A
GREEN / AlGaAs RED	MV6461A
YELLOW / AlGaAs RED	MV6361A

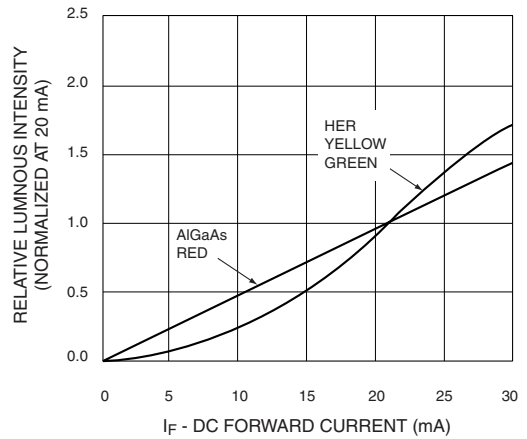
**ELECTRICAL / OPTICAL CHARACTERISTICS** (T<sub>A</sub> = 25°C)

Part Number	MV6661A	MV6461A	MV6361A	Condition
	HER / AlGaAs Red	Green / AlGaAs Red	Yellow / AlGaAs Red	
Luminous Intensity (mcd)				I <sub>F</sub> = 20 mA
Minimum	2.5/2.5	2.5/2.5	2.5/2.5	
Typical	10/10	10/10	10/10	
Forward Voltage (V)				I <sub>F</sub> = 20 mA
Maximum	3.0/2.4	3.0/2.4	3.0/2.4	
Typical	2.1/1.7	2.1/1.7	2.1/1.7	
Peak Wavelength (nm)	635/660	565/660	585/660	I <sub>F</sub> = 20 mA
Spectral Line Half Width (nm)	45/20	30/20	35/20	I <sub>F</sub> = 20 mA
Viewing Angle (°)	100°	100°	100°	I <sub>F</sub> = 20 mA

**TYPICAL PERFORMANCE CURVES**

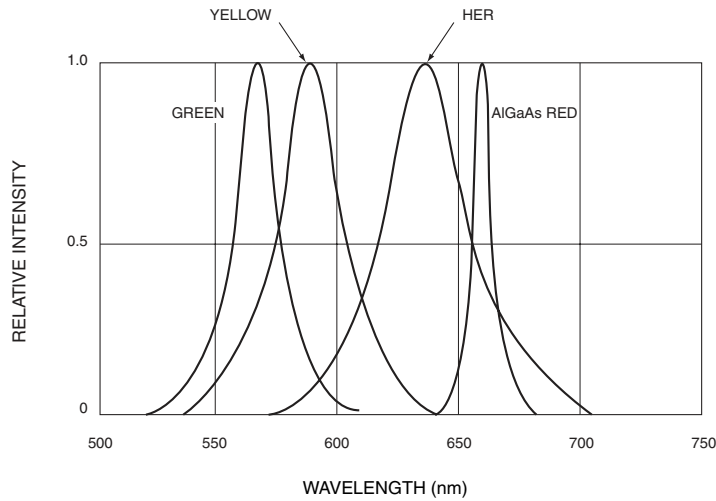


**Fig. 1 Forward Current vs. Forward Voltage**

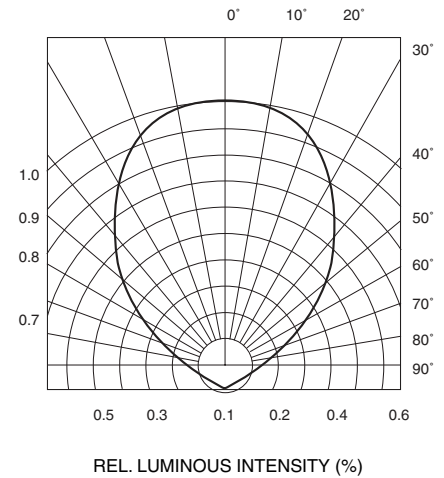


**Fig. 2 Relative Luminous Intensity vs. DC Forward Current**

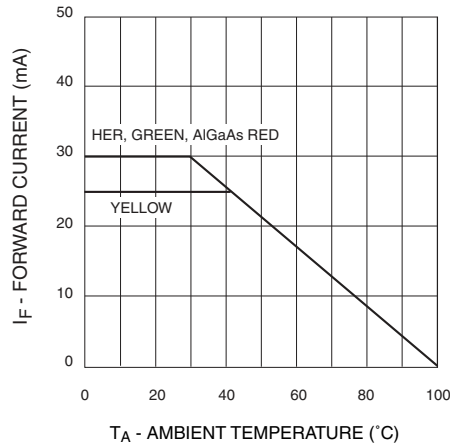
HER / AlGaAs RED	MV6661A
GREEN / AlGaAs RED	MV6461A
YELLOW / AlGaAs RED	MV6361A



**Fig. 3 Relative Intensity vs. Peak Wavelength**



**Fig. 4 Radiation Diagram**



**Fig. 5 Current Derating Curve**

<b>HER / AlGaAs RED</b>	<b>MV6661A</b>
<b>GREEN / AlGaAs RED</b>	<b>MV6461A</b>
<b>YELLOW / AlGaAs RED</b>	<b>MV6361A</b>

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2. A critical component in any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.