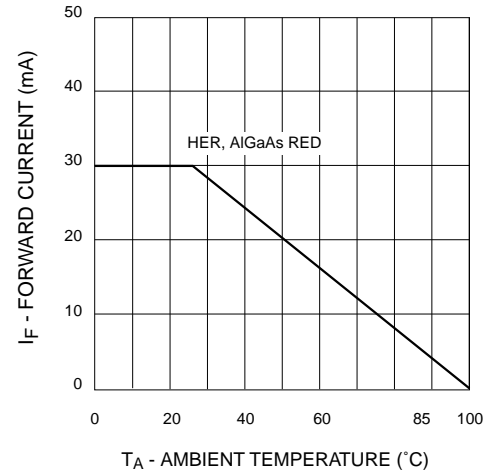
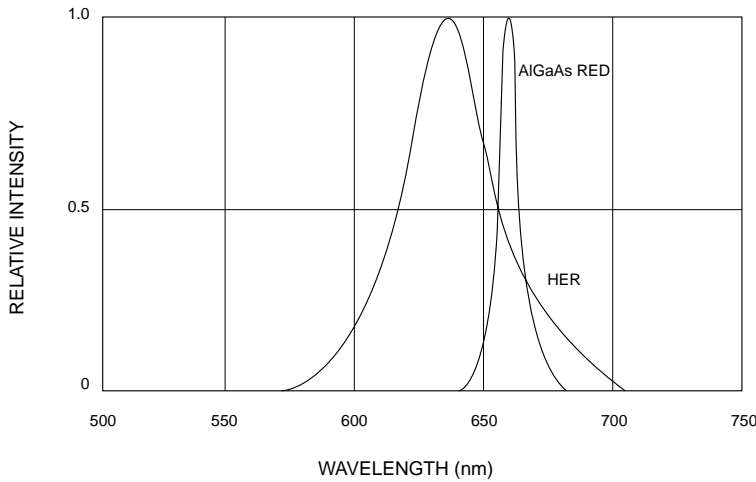
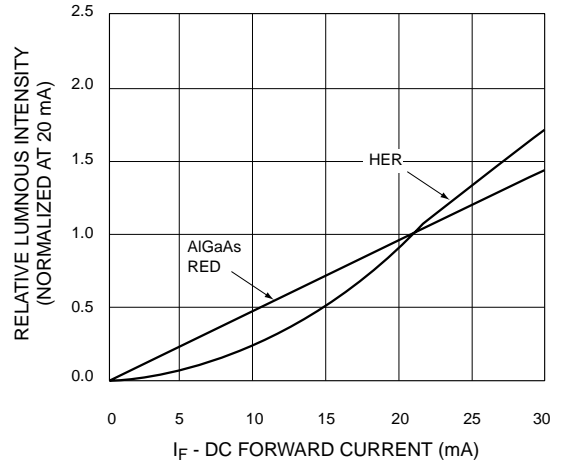
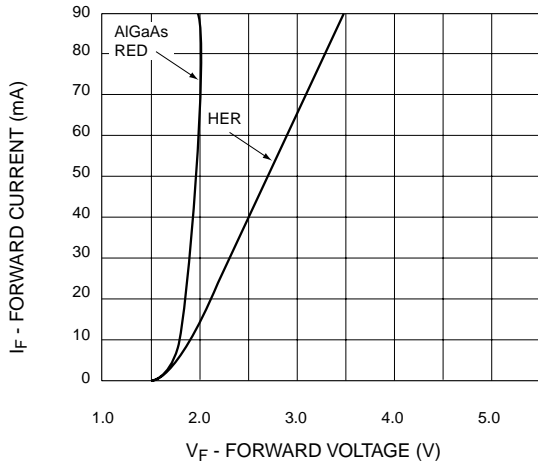




<b>ELECTRICAL / OPTICAL CHARACTERISTICS</b> (T <sub>A</sub> =25°C)						
<b>Part Number</b>	<b>HLMP-3300</b>	<b>HLMP-3301</b>	<b>HLMP-3315</b>	<b>HLMP-3316</b>	<b>FLV110</b>	<b>Condition</b>
Luminous Intensity (mcd)						I <sub>F</sub> = 10mA
Minimum	2.0	4.0	12	20	0.8*	
Typical	3.5	7.0	18	35	3.0*	
Forward Voltage (V)						I <sub>F</sub> = 10mA
Maximum	3.0	3.0	3.0	3.0	2.0	
Typical	2.2	2.2	2.2	2.2	1.6	
Peak Wavelength (nm)	635	635	635	635	660	I <sub>F</sub> = 10mA
Reverse Voltage (V)	5	5	5	5	5	I <sub>R</sub> = 100μA
Viewing Angle (°)	65	65	35	35	70	I <sub>F</sub> = 10mA

\* For FLV110 Test I<sub>F</sub> = 20mA

**TYPICAL PERFORMANCE CURVES** ( $T_A = 25^\circ\text{C}$ )



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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.



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