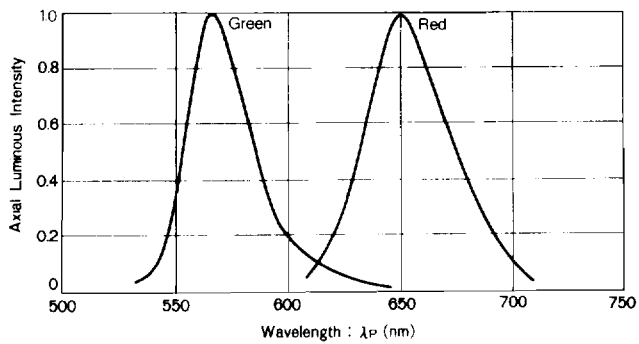


SLR-40 series Direct-mount LED lamps, high brightness, reflector type

Electro-optical characteristics ($T_a = 25^\circ\text{C}$)

Parameter	Symbol	Red		Green		Unit	Conditions
		Typ	Max	Typ	Max		
Forward voltage	V_F	2.0	3.0	2.1	3.0	V	$I_F = 10\text{ mA}$
Reverse current	I_R		10		10	μA	$V_R = 3\text{ V}$
Peak wavelength	λ_p	650 635		563		nm	$I_F = 10\text{ mA}$
Spectral half-width	$\Delta\lambda$	40		40		nm	$I_F = 10\text{ mA}$
Emission power half angle	$2\theta_{1/2}$	35		35		deg	Non-diffused
		40		35			Diffused

Figure 1 Luminous intensity



Luminous intensity

Part no.	Color	λ_p	Min	Typical	Max	Unit	Conditions
SLR-40VR	Red	650	2.2	6.3		mcd	$I_F = 10\text{ mA}$
SLR-40VC			5.6	16		mcd	
SLR-40MG	Green	563	3.6	10		mcd	
SLR-40MC			9.0	25		mcd	

Electrical characteristic curves 1 (Red)

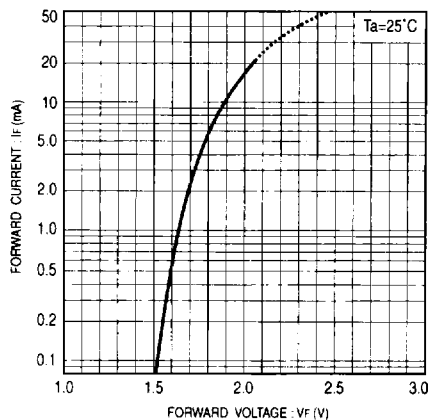


Figure 2

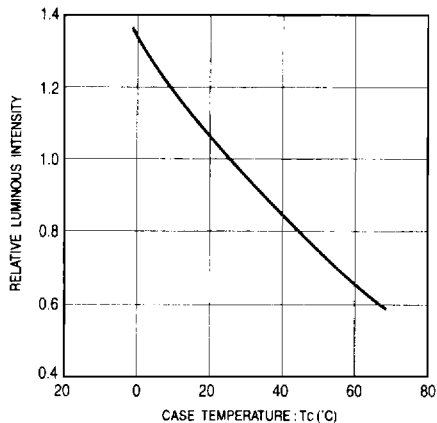


Figure 3

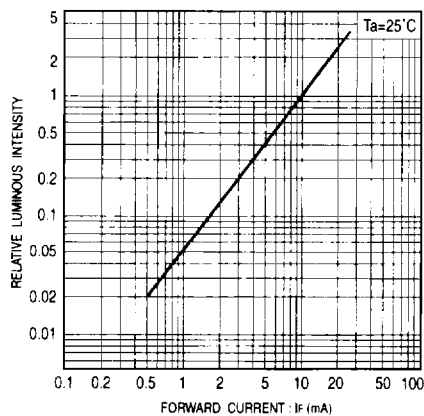


Figure 4

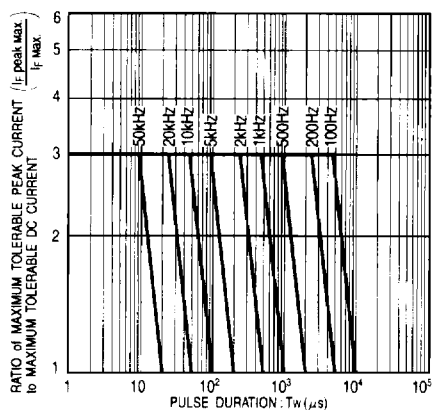


Figure 5

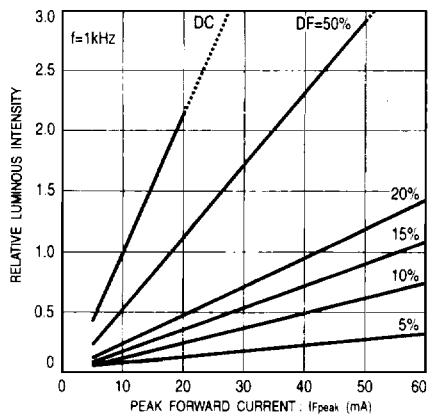


Figure 6

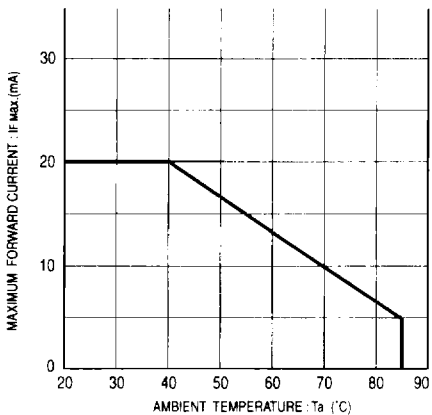


Figure 7

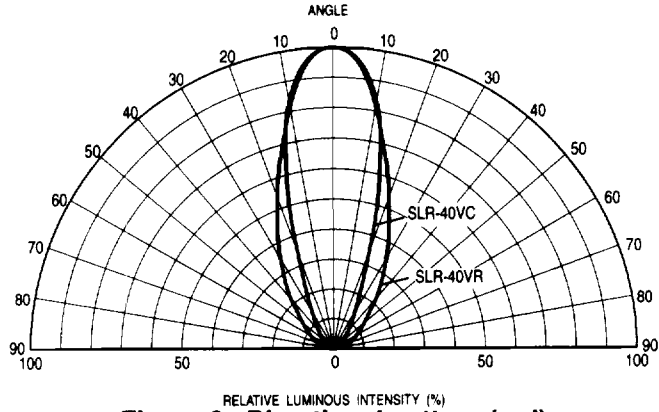


Figure 8 Directional pattern (red)

Electrical characteristic curves 2 (Green)

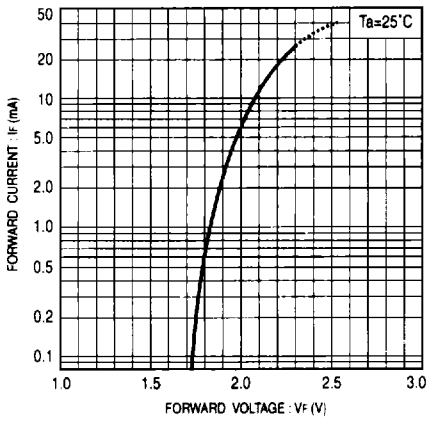


Figure 9

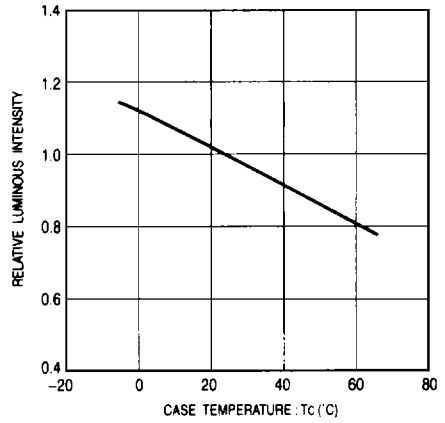


Figure 10

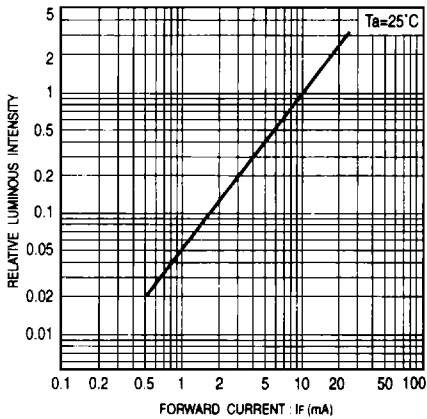


Figure 11

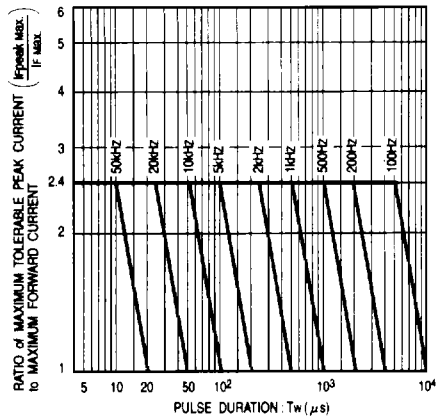


Figure 12

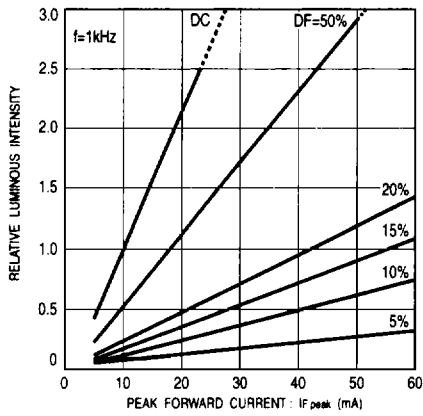


Figure 13

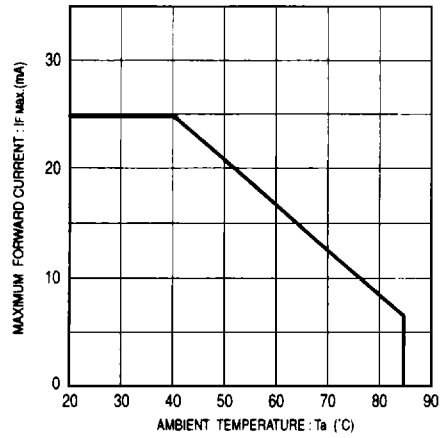


Figure 14

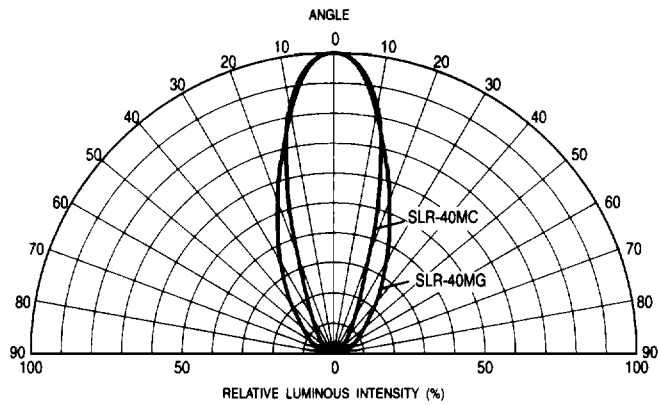


Figure 15 Directional pattern (green)