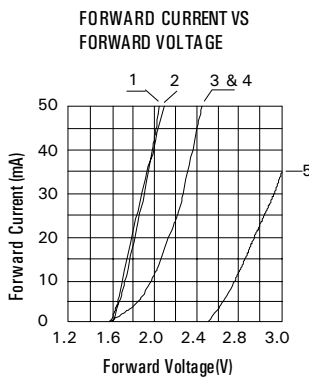


PART NO.		KLSGLHF725X4									
OPERATING CHARACTERISTICS AT 25°C (Bigger Display may have more than one LED chip per segment)		UNITS	SYMBOL	WHITE	RED	YELLOW	AMBER	GREEN	ULTRA GREEN	ULTRA BLUE	Circuit with Current Regulator
Semiconductor Composition		V	V_F	8.0V	4.0V	4.0V	4.0V	4.0V	4.0V	4.0V	
Forward Voltage - Typical @ 40mA		V	V_{FM}	50mA	4.5V	4.5V	4.5V	4.5V	4.5V	4.5V	
Forward Voltage - Current		μA	I_R								
Reverse Current @ $V_R = 5V$		x,y	Δ_λ								
Color Coordinates		CR_1	θ_V	50	35	35	35	35	35	50	
Color Temperature		lm									
Color Rendering index											
Luminous Flux											
ABSOLUTE MAXIMUM RATINGS AT 25°C		V	V_R	5	Both Components need adequate Heat Sinking						
Reverse Voltage		mA	I_F	as in the	100mA per LED & derated at 1mA per degree C						
Forward Current (avg)											
Operating / Storage Temperature Range		-20° C to + 85° C									
Lead Soldering Temperature		< 260° C for 5 Seconds									

ELECTRICAL CHARACTERISTIC CURVES

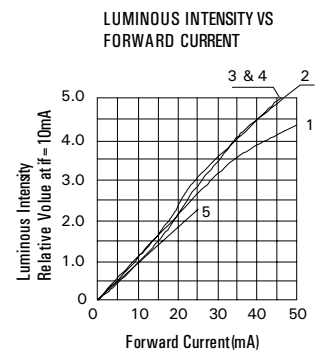
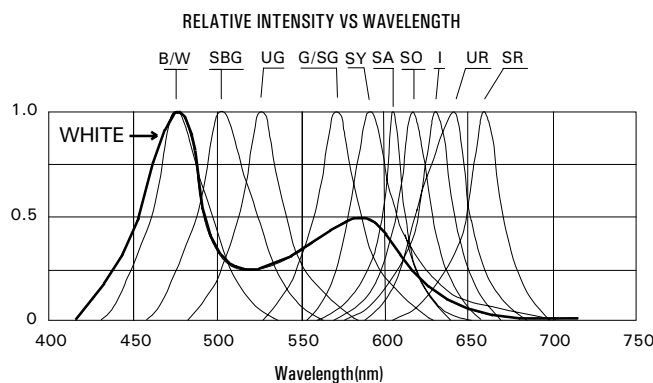


1. AlGaAs : I, SR

2. GaP : G

3 & 4. AlInGaP : SG, SY, SA, UR, SO

5. GaInN : B, SBG, UG, W



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