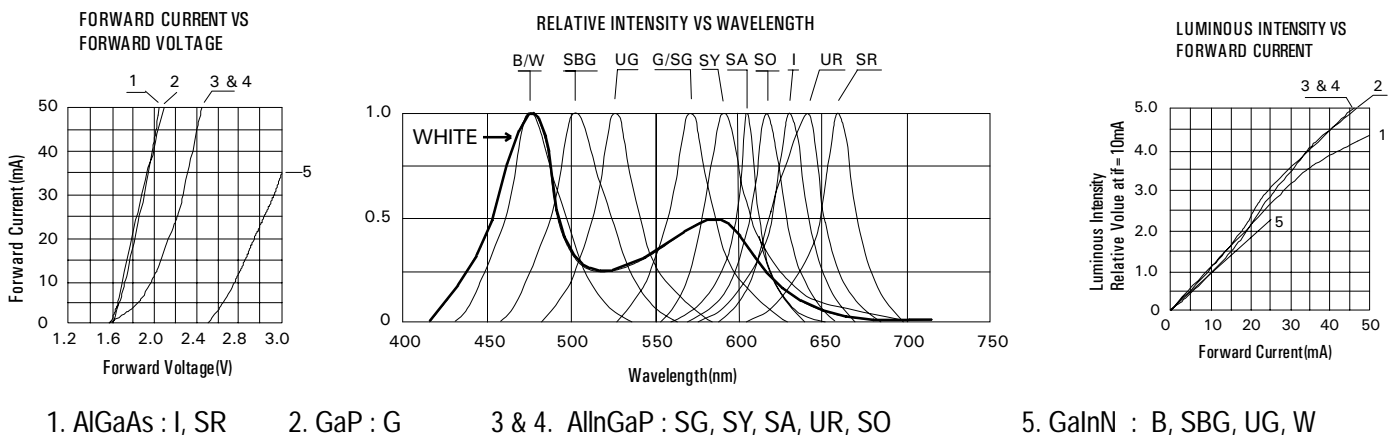


PART NO.		KLSGQHF725X4									
OPERATING CHARACTERISTICS AT 25°C (Bigger Display may have more than one LED chip per segment)		UNITS	SYMBOL	WHITE	RED	YELLOW	AMBER	GREEN	ULTRA GREEN	ULTRA BLUE	Circuit with Current Regulator
Semiconductor Composition		V	V_F	8.0V	4.0V	4.0V	4.0V	4.0V	4.0V	4.0V	
Forward 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		°C	CR_1								
Color Temperature		CR1	θ_V	50	35	35	35	35	35	50	
Color Rendering index		lm									
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



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