

Face Length	MM	7.62
Face Width	MM	7.62
Height	MM	4.30
Pin Spacing	MM	5.08
Row Spacing	MM	5.08
No. of pins	Pins	4

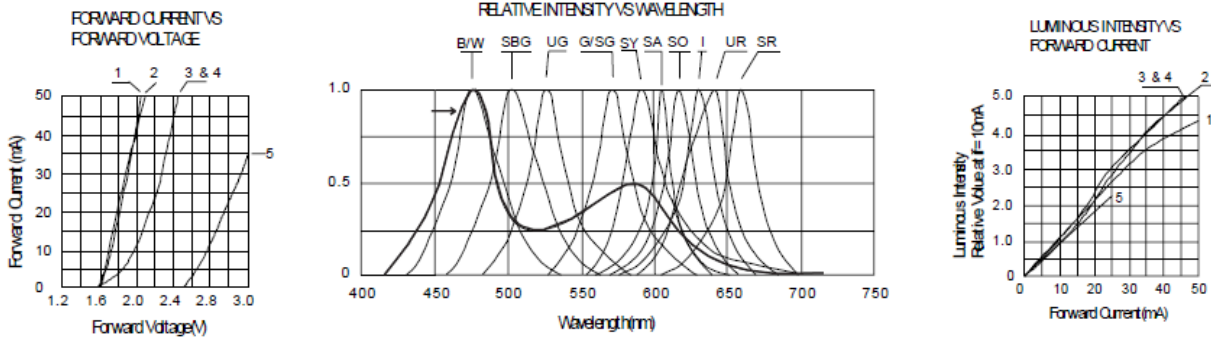
* Suitable for High Current Operation
 * High Power Output
 * Low Thermal Resistance
 * Specially designed for applications requiring higher brightness than is achievable with a standard lamp.
 * The LED Lamps are available with a choice of different colors, light intensities, epoxy colors, etc.,

Note : All Dimensions are in mm

Tolerance ± 0.2 mm

PART NO.	VIEW ANGLE	LENS DIA	LENS HEIGHT										
KLHF719X	75°	3	1.90										
KLHF725X	100°	5	2.50										
OPERATING CHARACTERISTICS AT 25°C				UNITS	SYMBOL	SUPER YELLOW	SUPER GREEN	SUPER AMBER	ULTRA RED	ULTRA GREEN	BLUE	WHITE	WARM WHITE
Semiconductor Composition						AlGaAs	GaP/AlInGaP	AlInGaP		SiC/GaN			
Forward Voltage Typical @ 25mA				V	VF	2.10	2.10	2.10	2.10	3.50	3.50	3.50	3.50
Forward Voltage Max.				V	VFM	2.40	2.40	2.40	2.40	4.50	4.50	4.50	4.50
Reverse Current @ VR = 5V				µA	IR	100	100	100	100	100	100	100	100
Peak Emission Wavelength				nm	λP	590	572	605	620	525	470	---	---
Emission Wavelength Half Width				nm	Δλ	15	15	15	15	35	25	---	---
Luminous Intensity @ 20mA				mcd	IV	---	---	---	---	4100	1250	10000	8000
Lumens @ 30mA				Lumen	φV	---	---	---	---	---	---	11Lm	---
ABSOLUTE MAXIMUM RATINGS @ 25°C (WITH HEATSINK OF 10X10cms)													
Reverse Voltage				V	VR	5	5	5	5	5	5	5	5
Forward Current (avg)				mA	IF	30	30	30	30	30	30	30	30
Peak Forward Current (T<1µs)				mA	IFS	90	90	90	90	90	90	90	90

ELECTRICAL CHARACTERISTIC CURVES



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