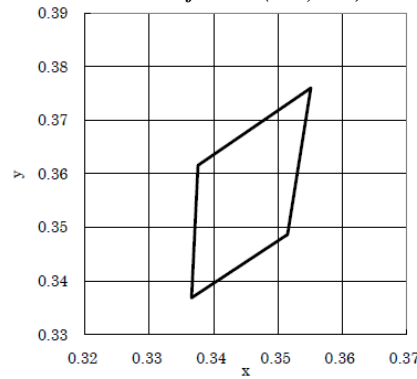


Electro –Optical Characteristics

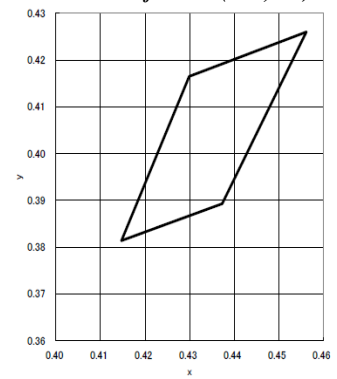
(Tc=25°C)

Parameter	Symbol	Condition	MIN	TYP	MAX	UNIT
Forward Voltage	Vf	If=550mA	8.75	9.30	10.5	V
Reverse Current	IR	VR=15V	-	-	100	µA
Thermal Resistance	Rj-c	Junction Case	-	6.0	-	°C/W
Luminous Flux	W	∅v	700mA	--	550	lm
CRI	W WW	Ra	700mA	65	-	-
Tj Max	Tj Max	700mA			120	°C

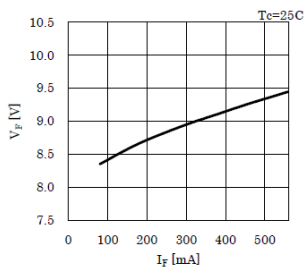
Color Bin of 5000K (0.34, 0.35)



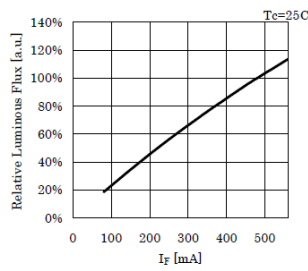
Color Bin of 3000K (0.43, 0.4)



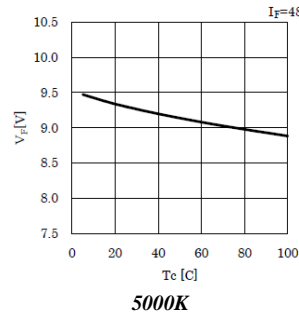
Forward Current vs. Forward Voltage



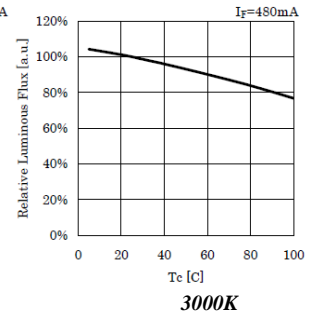
Forward Current vs. Relative Luminous Flux



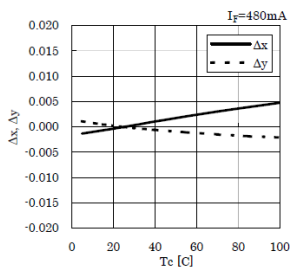
Case Temperature vs. Forward Voltage



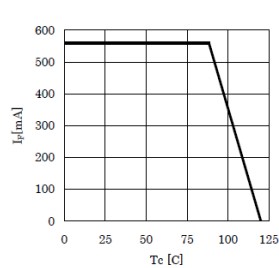
Case Temperature vs. Relative Luminous Flux



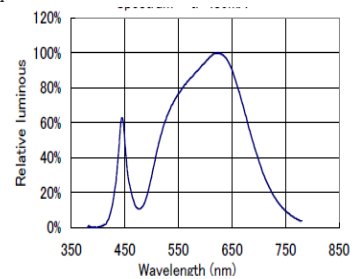
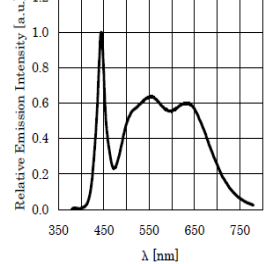
Case Temperature vs. Chromaticity Coordinate



Case Temperature vs. Allowable Forward Current



Relative Emission Intensity vs. Wavelength



Have heart for your planet. Switch to PolyWa LEDs

kwality PolyWa
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KPD/PolyWa7Watt / Rev00

Dt.08.04.2011