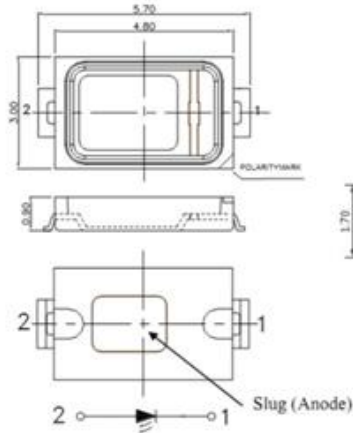
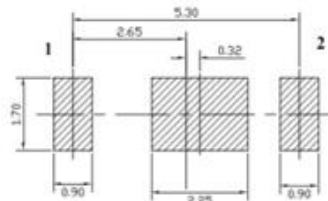


Datasheet no.73 Medium Power LEDs KLSL5630W 0.5W 65-70Lm

Package Dimensions



Recommended Soldering



Part No.	CCT	Lumens(Typ) @150mA
KLSL5630W	5500~7000	65Lm
KLSL5630WW	2700~4500	65LM
KLSL5630W	5500~7000	70Lm

Electrical /Optical Characteristics at Ta=25°C

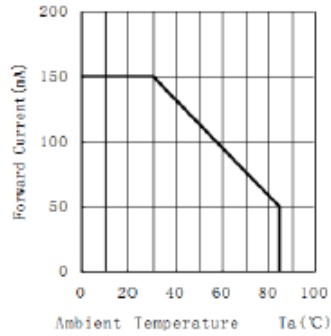
Parameter	Symbol	Min	Typ.	Max.	Units.	Test Conditions.
Forward Voltage	VF	3.0	--	3.8	V	IF=150mA
Reverse Current	IR	--	--	10	μA	IF=150mA
Luminous Flux	φv	--	50	70	--	IF=150mA
Color Coordinated	X	--	0.32	--	--	IF=150mA
	Y	--	0.33	--	--	IF=150mA
Color Temperature	Tc	--	6500	--	K	IF=150mA
Color Rendering Index	CRI	75	--	--	Ra	IF=150mA
Viewing Angle			120°			IF=150mA

Absolute Maximum Rating at Ta = 25°C

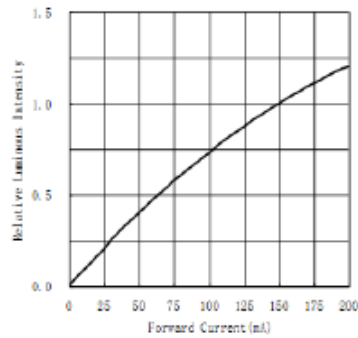
Parameter	Symbol	Rating	Units.
Power Dissipation	Pd	500	mW
DC Forward Current	IF	150	mA
Peak Forward Current (1/10 Duty)	IFP	200	mA
Reverse Voltage	VR	5	V
Electrostatic Discharge (HBM)	ESD	1000	V
Operating Temperature	Topr	-40~+85	°C
Storage Temperature	Tstg	=-40~+100	°C

Typical optical characteristics curves

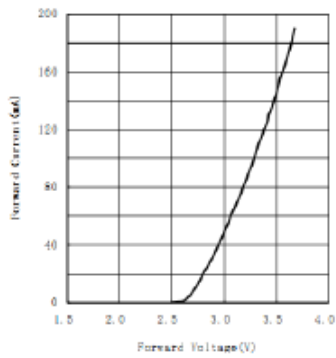
Ambient Temperature VS. Forward Current



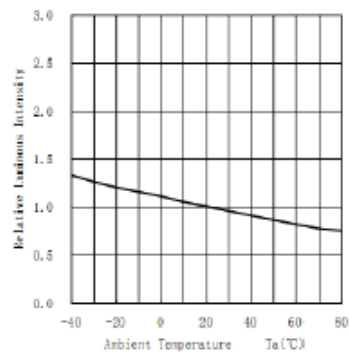
Forward Current VS. Relative Intensity



Forward Voltage VS. Forward Current



Ambient Temperature VS. Relative Intensity



Relative spectral emission

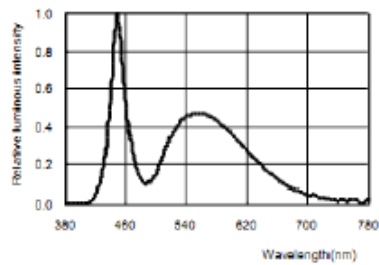
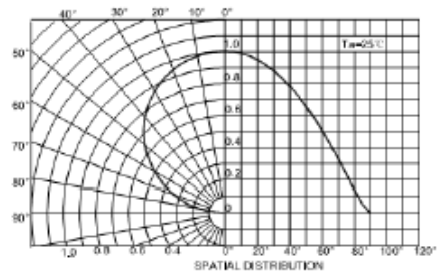


Diagram characteristics of radiation



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