

KLP-32P-X-X

KLP-32P-x-x is a pastel-pink color LED, which has a blue LED chip and is encapsulated by epoxy mixed with phosphor.

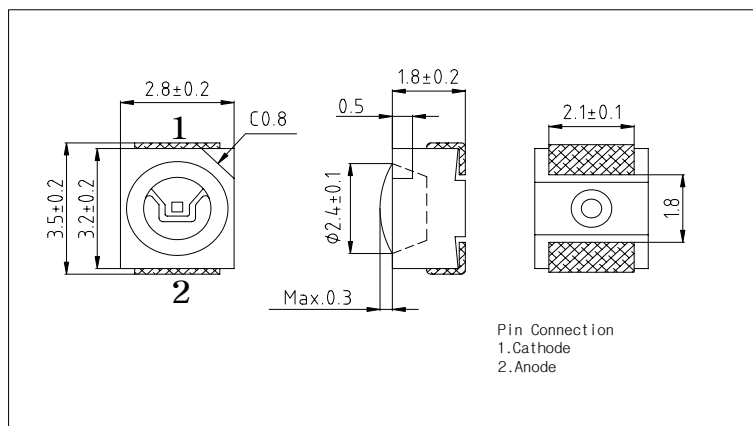
Features

- Redish epoxy Encapsulent
- Soft and Pastel Color

Applications

- Display
- Indicator
- Decoration Lighting

DIMENSIONS



Maximum Ratings

[Ta=25°C]

Parameter	Symbol	Ratings	Unit
Reverse Voltage (w/o Zener Option)	V_R	5	V
Reverse current (w Zener Option)	I_R	50	mA
Forward current	I_F	30	mA
Pulse forward current ^{*1}	I_{FP}	0.1	A
Power dissipation	P_D	90	mW
Operating temperature	$T_{opr.}$	-30 ~ +85	°C
Storage temperature	$T_{stg.}$	-40 ~ +105	°C
Soldering Temperature ^{*2}	$T_{sol.}$	260	°C

*1. I_{FP} Measured under duty $\frac{1}{10}$ @ 1KHz

*2. Soldering time $\leq$ 5 Sec

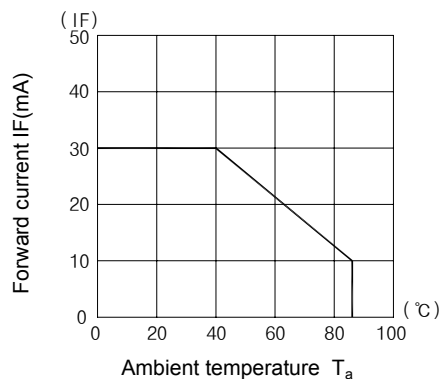
Electro-Optical Characteristics

[Ta=25°C]

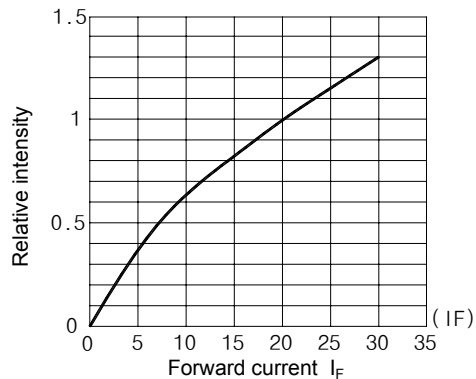
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V_F	$I_F = 20 \text{ mA}$	-	3.5	-	V
Luminous Intensity	I_v	$I_F = 20 \text{ mA}$	550	650	-	mcd
Color Coordinate	x	$I_F = 20 \text{ mA}$	0.38	-	0.42	-
	y		0.28	-	0.32	
Half angle	$2\Delta\theta_{1/2}$	$I_F = 20 \text{ mA}$	-	120	-	deg.

KLP-32P-X-X

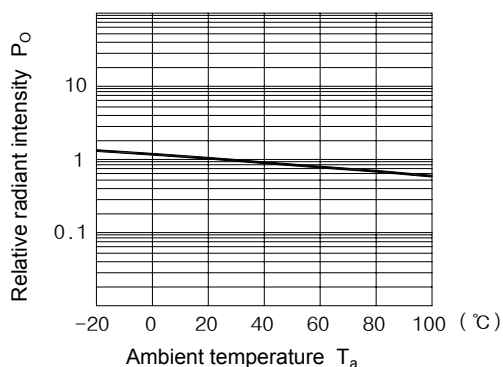
**Forward current vs.
Ambient temperature**



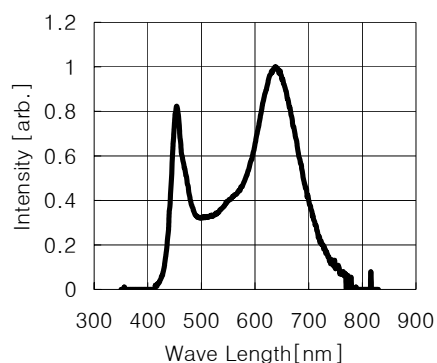
**Radiant Intensity vs.
Forward current**



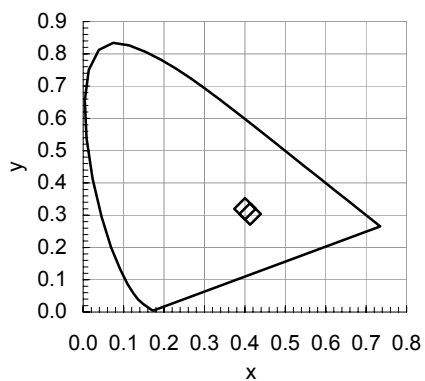
**Relative radiant intensity vs.
Ambient temperature**



**Relative intensity vs.
Wavelength**



Color Coordinate



Radiant Pattern

