

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) [2] @ 10mA		Viewing Angle [1]
			Min.	Typ.	2θ1/2
WP7104ALUP/2YD-0L	Yellow (GaAsP/GaP)	RED DIFFUSED	5	15	40°

Notes:

1. $\theta_{1/2}$ is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

2. Luminous intensity/ luminous Flux: +/-15%.

Electrical / Optical Characteristics at TA=25°C

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ_{peak}	Peak Wavelength	Yellow	590		nm	I _F =10mA
λ_D [1]	Dominant Wavelength	Yellow	588		nm	I _F =10mA
$\Delta\lambda_{1/2}$	Spectral Line Half-width	Yellow	35		nm	I _F =10mA
C	Capacitance	Yellow	20		pF	V _F =0V;f=1MHz
V _F [2]	Forward Voltage	Yellow	1.95	2.5	V	I _F =10mA
I _R	Reverse Current	Yellow		10	uA	V _R =5V

Notes:

1.Wavelength: +/-1nm.

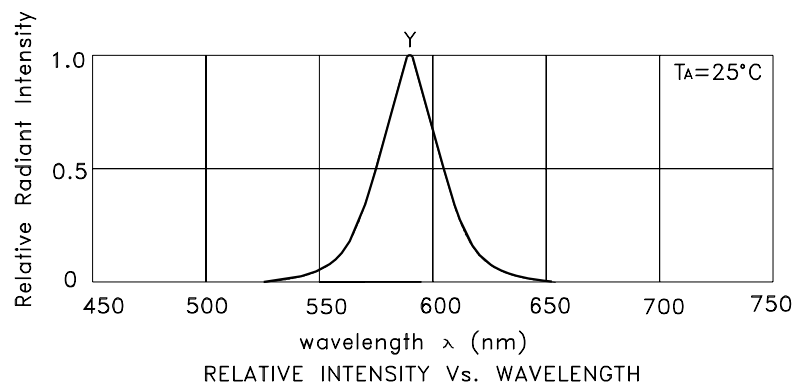
2. Forward Voltage: +/-0.1V.

Absolute Maximum Ratings at TA=25°C

Parameter	Yellow	Units
Power dissipation	75	mW
DC Forward Current	30	mA
Peak Forward Current [1]	140	mA
Reverse Voltage	5	V
Operating Temperature	-40°C To +85°C	
Storage Temperature	-40°C To +85°C	

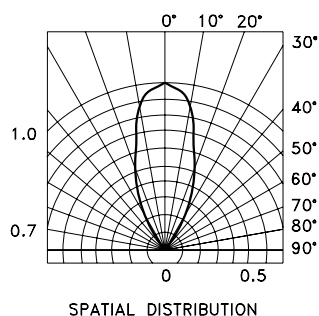
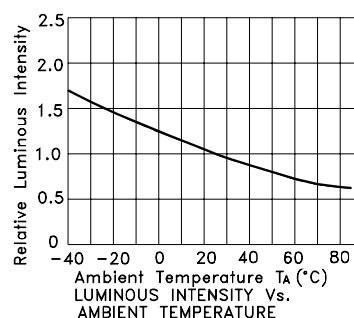
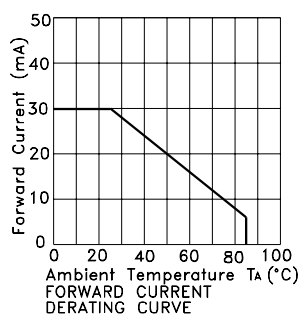
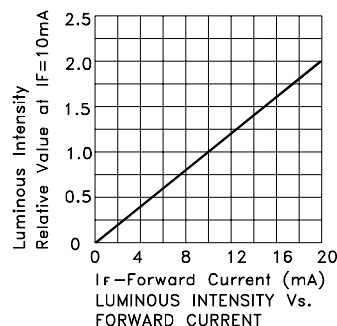
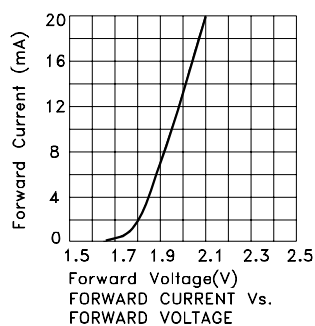
Note:

1. 1/10 Duty Cycle, 0.1ms Pulse Width.



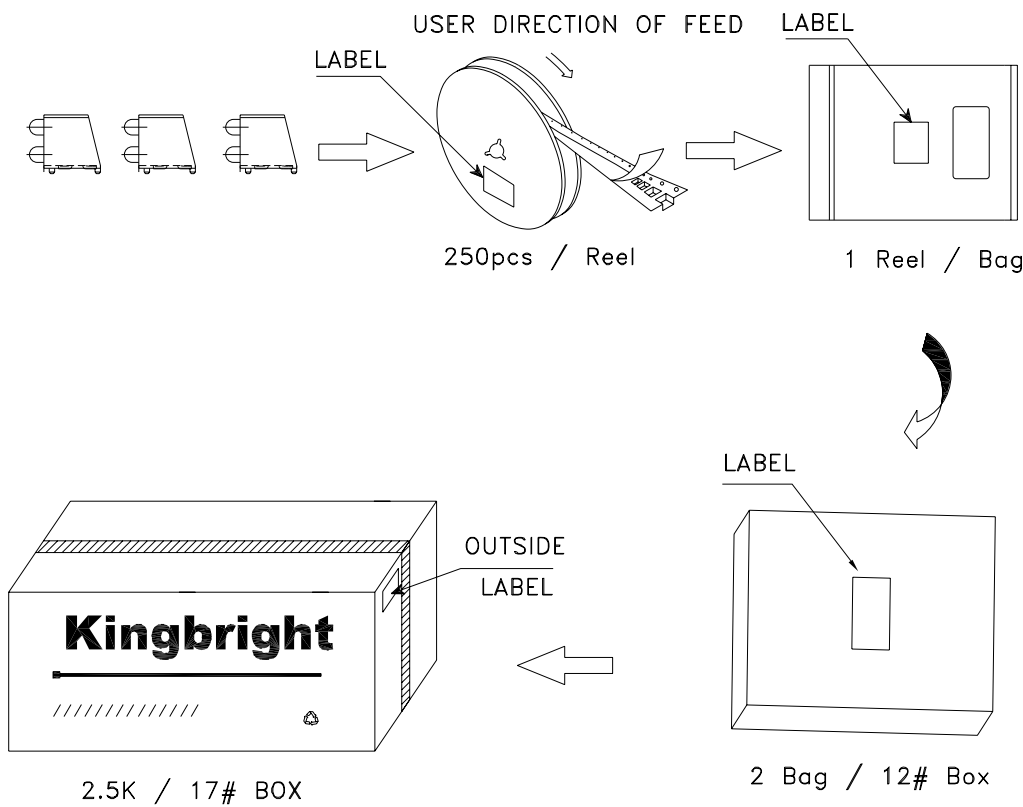
Yellow

WP7104ALUP/2YD-0L



PACKING & LABEL SPECIFICATIONS

WP7104ALUP/2YD-0L



Kingbright	
Q.C.	QC XX XX XX PASSED
P/NO: WP7104ALUP/xxx-0L	
QUANTITY : 250 pcs	
S/N : XX	CODE: XX
LOT NO : 	
XXXXXXXXXXXX	
MADE IN CHINA	RoHS Compliant