

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) [2] V= 5V		Viewing Angle [1]
			Min.	Typ.	2θ1/2
AM2520EH/YD5V	Yellow (GaAsP/GaP)	YELLOW DIFFUSED	1	3	40°

Notes:

1. θ1/2 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	V _F =5V
λ _D [1]	Dominant Wavelength	Yellow	588		nm	V _F =5V
Δλ _{1/2}	Spectral Line Half-width	Yellow	35		nm	V _F =5V
I _F	Forward Current	Yellow	13	17.5	mA	V _F =5V
I _R	Reverse Current	Yellow		10	μA	V _R = 5V

Note:

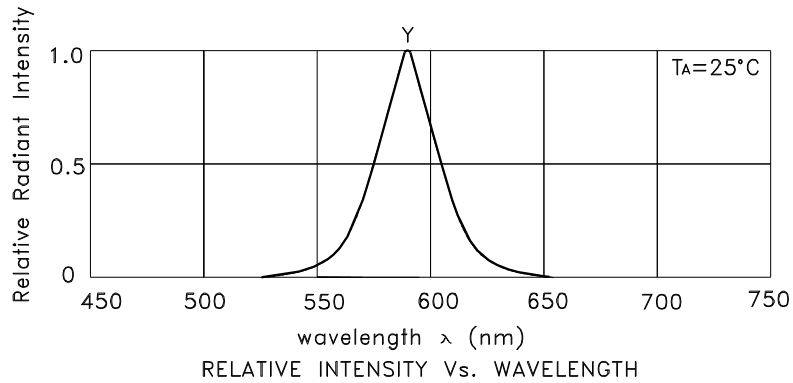
- 1.Wavelength: +/-1nm.

Absolute Maximum Ratings at TA=25°C

Parameter	Yellow	Units
Power dissipation	85	mW
Forward Voltage	6	V
Reverse Voltage	5	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	
Lead Solder Temperature [1]	260°C For 3 Seconds	
Lead Solder Temperature [2]	260°C For 5 Seconds	

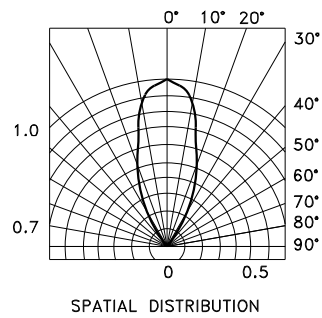
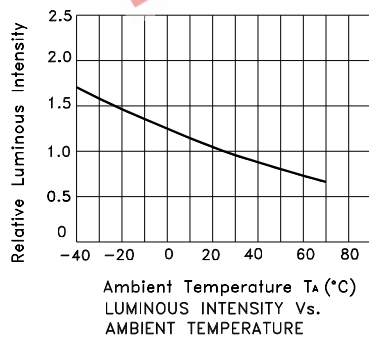
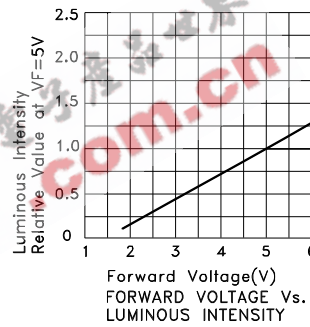
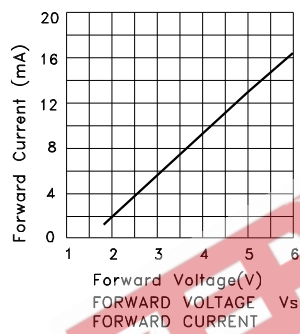
Notes:

1. 2mm below package base.
2. 5mm below package base.



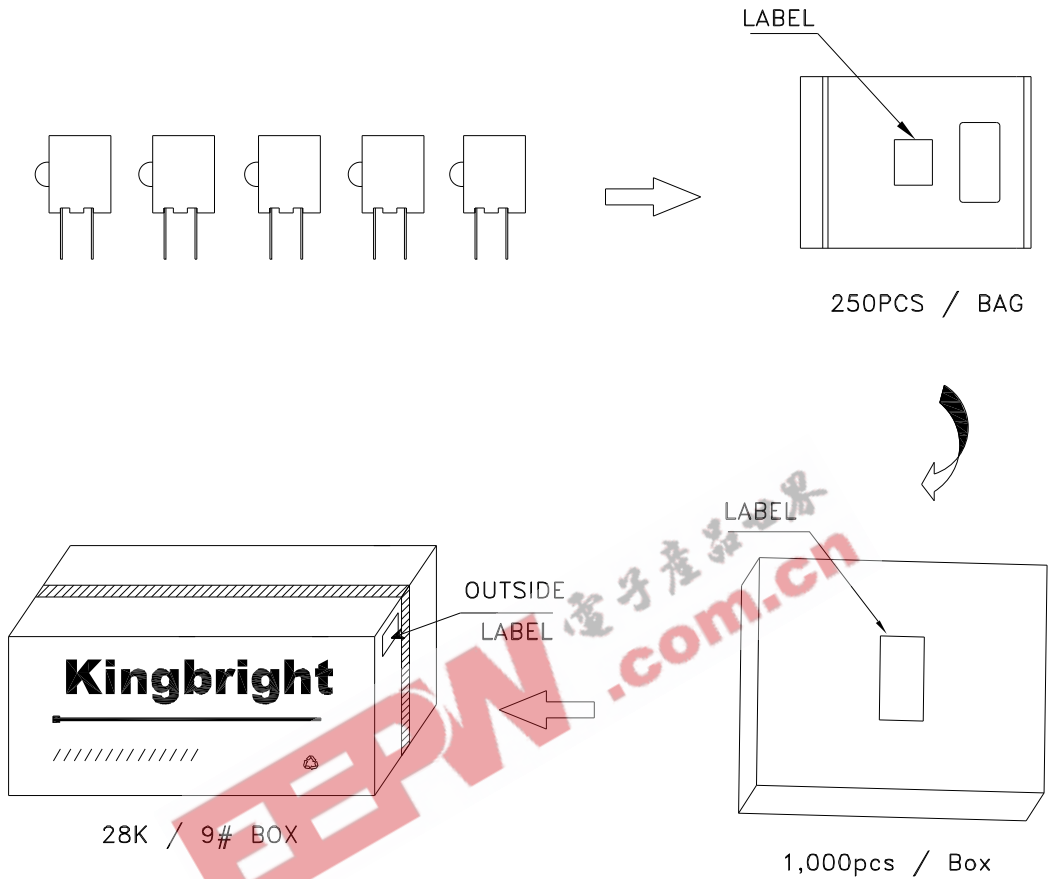
Yellow


AM2520EH/YD5V



PACKING & LABEL SPECIFICATIONS

AM2520EH/YD5V



Kingbright	
P/NO: AM2520EH/xxx	
QTY: 1,000 pcs	Q.C. Q C xx xx xxxx PASSED
S/N: XXXX	
CODE: XXX	
LOT NO:	
 <small>XXXXXXXXXXXXXXXXXXXXXXXXXXXX</small>	
RoHS Compliant	