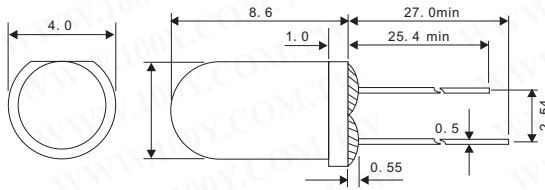




Light-Emitting Diodes (LED)

3mm LED

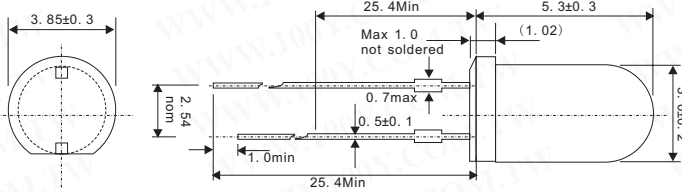
Detailed product specifications are available on: us.100y.com.tw



Note:

1. All dimensions are in millimeters (inches)
2. Lead spacing is measured where the leads emerge from the package
3. Specifications are subject to change without notice

Part No.	Product No.	Manufacturer	Description	Emitting Color	Lens Color	If max. mA	Wave length (nm)	Light (mcd)	Typical Vf	View Angle
30989	BL-B2141-AT	BRTLED	3mm LED LAMP COLORED L314HD L314YD L314GDINTENSITY (mcd) @IF=10mA 3-8 12-24 14-34	Green	Green	30	568	3-8	2.2	
31013	BL-B3141-AT	BRTLED	3mm LED LAMP COLORED L314HD L314YD L314GDINTENSITY (mcd) @IF=10mA 3-8 12-24 14-34	Yellow	Yellow	30	585	30	2.1	35
30935	BL-B5141-AT	BRTLED	3mm LED LAMP COLORED L314HD L314YD L314GDINTENSITY (mcd) @IF=10mA 3-8 12-24 14-34	Red	Red	15	700	3-8	2.2	



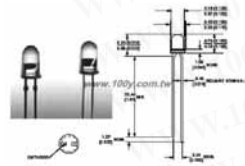
Part No.	Product No.	Manufacturer	Description	Emitting Color	Lens Color	If max. mA	Wave length (nm)	Light (mcd)	Typical Vf	View Angle
17384	HB3b-143-12V	Haw Shuenn	Yellow-Green LED	Yellow-Green	colored diffused	10mA	570	30mcd	12V	2θ1/2 : 40
27965	HB3b-448ABCA	Haw Shuenn	3mmLED	GaN/GaN	Water clear	20mA	475	2700mcd	3.6V	2θ1/2 : 15

FEATURES

- Outstanding LED material efficiency
- High light output over a wide range of currents
- Low electrical power dissipation
- CMOS/MOS compatible
- Colors: 590/592nm amber, 615/617 nm and 622 nm Reddish-orange
- Variety of packages available

APPLICATIONS

- Outdoor message boards
- Safety lighting equipment
- Signaling applications
- Emitter fo emitter/detector applications
- Changeable message signs
- Portable equipment
- Medical equipment
- Automotive lighting
- Alternative to incandescent lamps

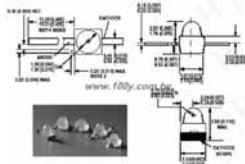


Part No.	Product No.	Manufacturer	Description	If max. mA	Wave length (nm)	Light (mcd)	Typical Vf	View Angle
33502	HLMA-KL00	Agilent	T-13/4 (5 mm), T-1 (3 mm), High Performance AlInGaP LED Lamps	20mA	592nm	200mcd	1.9V	45

FEATURES

- **Subminiature flat top package**
Ideal for backlighting and light piping applications
- **Subminiature dome package**
Nondiffused dome for high brightness
- **Wide range of drive current**

- **Colors: 590 nm amber, 615 nm reddish-orange**
- **Ideal for space limited applications**
- **Axial leads**
- **Available with lead configurations for surface mount and through hole PC board mounting**

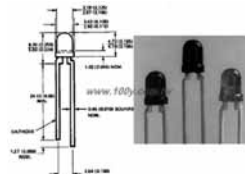


Part No.	Product No.	Manufacturer	Description	Wave length (nm)	Light (mcd)	Typical Vf	View Angle
33505	HLMA-QL00	Agilent	Subminiature High Performance AlInGaP LED Lamps	592nm	500mcd	2.0V	15

FEATURES

- **High intensity**
- **Choice of 4 bright colors**
high efficiency red orange yellow high performance green
- **Popular T-1 Diameter package**
- **Selected minimum intensities**

- **Wide viewing angle**
- **General purpose leads**
- **Reliable and rugged**
- **Available on tape and reel**

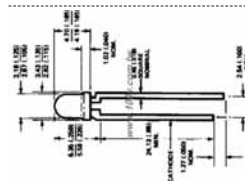


Part No.	Product No.	Manufacturer	Description	If max. mA	Wave length (nm)	Light (mcd)	Typical Vf	View Angle
33509	HLMP-1301	Agilent	T-1 (3 mm) Diffused LED Lamps	10mA	635 nm	5.5mcd	1.9V	60

FEATURES

- **Improved brightness**
- **Improved color performance**
- **Available in popular T-1 and T-1 3/4 packages**
- **New sturdy leads**
- **IC compatible/low current capability**

- **Reliable and rugged**
- **Choice of 3 bright colors**
High efficiency red
High brightness yellow
High performance green



Part No.	Product No.	Manufacturer	Description	If max. mA	Wave length (nm)	Light (mcd)	Typical Vf	View Angle
33539	HLMP-1340	Agilent	Ultra-Bright LED Lamps	30mA	635nm	45mcd	1.9V	45

