



Round Type
Low Profile
LED Lamps (4.7mm)

The 323 series is general purpose LED lamps with 4.7mm diameter and low profile package.

GaP for (323HD, 323GD/GT)

GaAsP/GaP for (323RHD/RHT, 323YD/YT and 323SD)

Reverse Voltage	5 Volt
Reverse Current (Vr =5V)	100μA
Operating Temperature Range	-40°C To 85°C
Storage Temperature Range	-40°C To 100°C
Lead Soldering Temperature (1.6mm (1/16)From Body)	260°C For 5 Seconds

2. Lead spacing is measured where the leads emerge from the package.

3. *Protuded resin under flange is 1.5 mm (0.059") Max.*

4. Specifications are subject to change without notice.

[illegible]

Part No.	Emitted Color	Lens Color	Peak Wavelength λp (nm)	Vf (v)		Rec. If (mA).	Iv (mcd)		View Angle 2θ1/2(Deg)
				Min	Max		Min	Typ.	
GB-323HD	Red	Red Diffused	697	1.7	2.6	5-10	0.2	0.5	70
GB-323RHD	Bright Red	Red Diffused	660	1.7	2.6	10-20	1.7	5.6	70
GB-323GD	Green	Green Diffused	565	1.7	2.6	10-20	1.7	5.6	70
GB-323YD	Yellow	Yellow Diffused	585	1.7	2.6	10-20	1.0	4.0	70
GB-323SD	Orange	Orange Diffused	610	1.7	2.6	10-20	1.0	4.0	70
GB-323RHT	Bright Red	Red Trans.	660	1.7	2.6	10-20	8.7	29.0	40
GB-323GT	Green	Green Trans.	565	1.7	2.6	10-20	12.6	40.0	40
GB-323YT	Yellow	Yellow Trans.	585	1.7	2.6	10-20	3.7	12.6	40

PARAMETER:	SYMBOL	UNIT	TEST CONDITION
REVERSE VOLTAGE	Vr	VOLT	Vr = 5.0 Volt
REVERSE CURRENT	Ir	μA	If = 20mA
FORWARD VOLTAGE	Vf	VOLT	If = 20mA
LUMINOUS INTENSITY	Iv	MCD	If = 20mA
VIEWING ANGLE	2θ _{1/2}	DEGREE	
RECOMMENDED OPERATING CURRENT	If (Rec)	mA	

