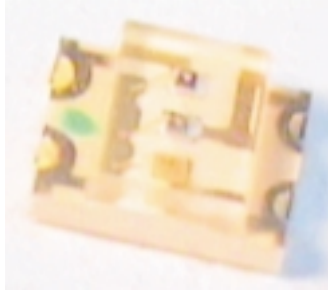




FULL-COLOR CHIP LED LAMPS



Absolute Maximum Ratings (Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V _R	V	5
IR	uA	100
Top	°C	-25~+80
Tstg	°C	-30~+85

BL-HXXXXXXXX3T (1210) Series

NOTE:
 1. All dimensions are in millimeters (inches).
 2. Tolerance is $\pm 0.10 (.004)$ unless otherwise specified.
 3. Specifications are subject to change without notice.
 4. Condition for IFp is pulse of 1/10 duty and 0.1msec width.

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle 2θ 1/2 (deg)±5
	Material	Emitted Color	λ P (nm)	Δ λ (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HD1X1B333T	GaAlAs/GaAs	Super Red	660	20	Water Clear	1.8	2.6	8.0	25.0	120
	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	6.0	18.0	
	InGaN/GaN	Blue	470	30		3.5	4.0	18.0	55.0	
BL-HD1G4B333T	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	8.0	25.0	
	GaN/SiC	Ultra Green	502	30		3.5	4.0	20.0	60.0	
	InGaN/GaN	Blue	470	30		3.5	4.0	18.0	55.0	
BL-HD1G6B333T	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	8.0	25.0	
	GaN/SiC	Ultra Green	523	36		3.5	4.0	20.0	60.0	
	InGaN/GaN	Blue	470	30		3.5	4.0	18.0	55.0	
BL-HD1X1B323T	GaAlAs/GaAs	Super Red	660	20	White Diffused	1.8	2.6	6.5	20.0	100
	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	5.0	15.0	
	InGaN/GaN	Blue	470	30		3.5	4.0	16.0	50.0	
BL-HD1G4B323T	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	6.5	20.0	
	GaN/SiC	Ultra Green	502	30		3.5	4.0	18.0	55.0	
	InGaN/GaN	Blue	470	30		3.5	4.0	16.0	50.0	
BL-HD1G6B323T	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	6.5	20.0	
	GaN/SiC	Ultra Green	523	36		3.5	4.0	18.0	55.0	
	InGaN/GaN	Blue	470	30		3.5	4.0	16.0	50.0	