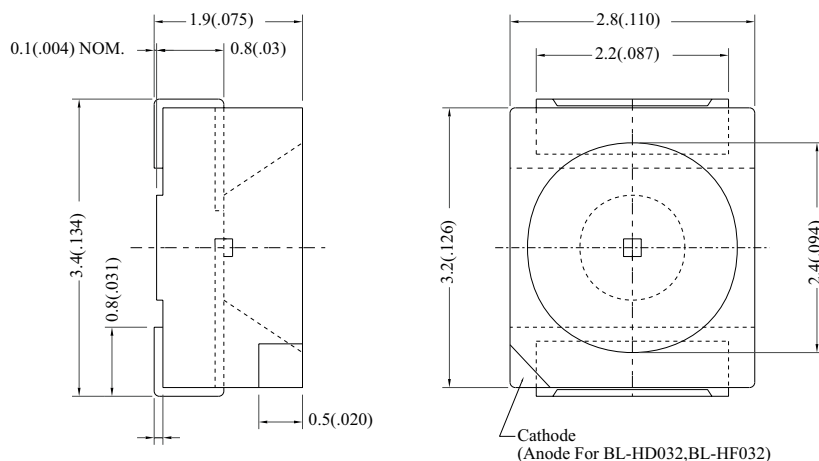




# STANDARD CHIP LED LAMPS



## BL-HXXX2A Series



Absolute Maximum Ratings (Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V <sub>R</sub>	V	5
IR	uA	100
Top	°C	-25~+80
Tstg	°C	-30~+85

**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)
	Material	Emitted Color	λ p (nm)	Δ λ (nm)		Vf(V)		Iv(mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HH032A	GaP/GaP	Bright Red	700	90	Water Clear	2.2	2.6	1.4	4.2	120
BL-HG032A	GaP/GaP	Green	568	30		2.2	2.6	6.0	18.0	
BL-HGC32A	GaP/GaP	Green	568	30		2.1	2.6	16.0	35.0	
BL-HX132A	GaP/GaP	Hi-Eff Green	568	30		2.0	2.6	11.0	22.0	
BL-HW132A	GaP/GaP	Pure Green	555	25		2.2	2.6	1.4	3.5	
BL-HY032A	GaAsP/GaP	Yellow	585	35		2.1	2.6	4.0	13.0	
BL-HE032A	GaAsP/GaP	H-Eff Red	630	45		2.0	2.6	4.5	14.5	
BL-HE132A	GaAsP/GaP	Hi-Eff Red	640	45		2.0	2.6	4.5	14.5	
BL-HA132A	GaAsP/GaP	Sof t-Orange	610	35		2.0	2.6	2.1	10.0	
* BL-HS032A	GaAlAs/GaAs	Super Red	660	20		1.7	2.6	24.0	50.0	
* BL-HS132A	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	24.0	55.0	
* BL-HD032A	GaAlAs/GaAs	Super Red	660	20		1.8	2.6	20.0	60.0	
* BL-HF032A	GaAlAs/GaAlAs	Super Red	660	20		2.1	2.6	22.0	65.0	
* BL-HF132A	GaAlAs/GaAlAs	Super Red	660	20		2.1	2.6	37.0	75.0	
* BL-HF532A	GaAlAs/GaAlAs	Super Red	660	20		2.2	2.6	24.0	62.0	