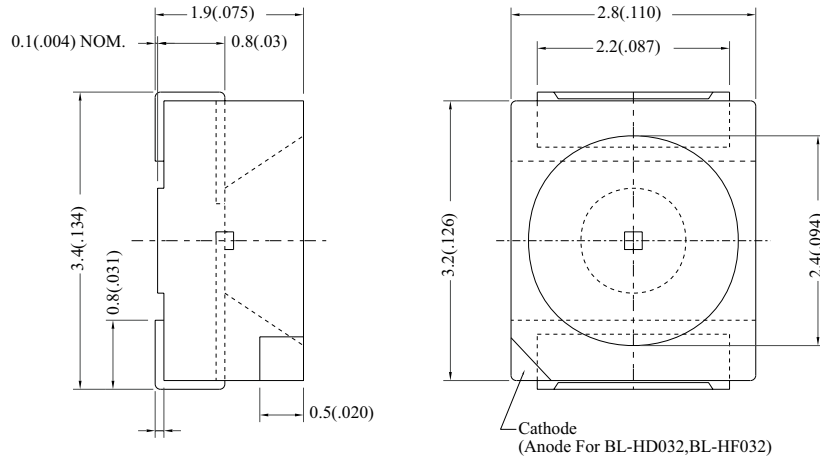


ULTRA CHIP LED LAMPS



BL-HXXX2A Series



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

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)	Δλ (nm)		V _f (V)		I _v (mcd)		
						Typ.	Max.	Min.	Typ.	
BL-HUA32A	AlGaInP	Ultra Red	645	22	Water Clear	2.1	2.6	11.0	30.0	120
BL-HUB32A	AlGaInP	Ultra Red	645	22		2.1	2.6	16.0	43.0	
BL-HU232A	AlGaInP	Ultra Red	645	22		2.0	2.6	16.0	50.0	
BL-HGA32A	AlGaInP	Ultra Green	574	15		2.1	2.6	11.0	35.0	
BL-HG332A	AlGaInP	Ultra Green	574	15		2.0	2.6	24.0	60.0	
BL-HG532A	AlGaInP	Ultra Green	574	15		2.0	2.6	11.0	27.0	
BL-HG432A	InGaN	Ultra Green	502	30		3.5	4.0	24.0	70.0	
BL-HG632A	InGaN	Ultra Green	523	36		3.5	4.0	24.0	50.0	
BL-HKB32A	AlGaInP	Ultra Yellow	588	15		2.1	2.6	24.0	60.0	
BL-HKD32A	AlGaInP	Ultra Yellow	595	15		2.1	2.6	24.0	60.0	
BL-HK032A	AlGaInP	Ultra Yellow	588	15		2.0	2.6	37.0	80.0	
BL-HJB32A	AlGaInP	Ultra Orange	620	17		2.1	2.6	24.0	60.0	
BL-HJD32A	AlGaInP	Ultra Orange	630	17		2.1	2.6	24.0	60.0	
BL-HJF32A	AlGaInP	Soft Orange	610	17		2.1	2.6	24.0	55.0	
BL-HJ032A	AlGaInP	Ultra Orange	620	17		2.0	2.6	24.0	72.0	