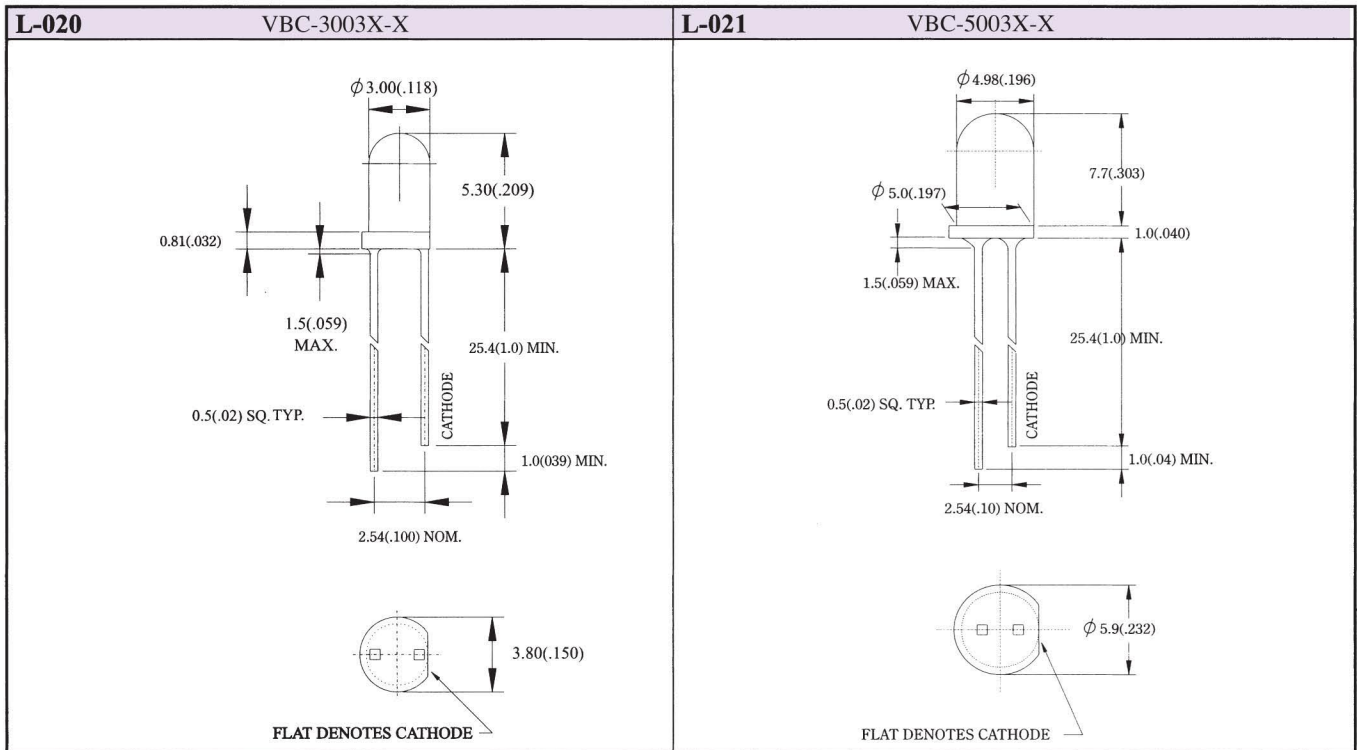


BLUE LED LAMPS

Package	Part No.	Chip			Lens Appearance	Absolute Maximum Ratings				Electro-optical Data(At 20mA)			Viewing Angle 2θ 1/2 (deg)	Drawing No.
		Material	Emitted Color	Peak Wave Length λ p(nm)		Δ λ (nm)	Pd (mw)	If (mA)	Peak (mA)	Vf (V)		Iv (mcd)		
										Typ	Max	Typ.		
T-1 Standard 1.0" Lead 3 φ	VBC-30033	InGaN/ SiC(B4)	Super Blue	470	Water Clear	30	100	30	100	3.5	4.0	800	22	L-020
	VBC-30033B1	InGaN/ SiC(B7)		470		30	100	30	100	3.5	4.0	1200		
	VBC-30033BA	InGaN/ SiC(BA)		470		30	100	30	100	3.8	4.5	750		
	VBC-30032	InGaN/ SiC(B4)		Blue Trans	470	30	100	30	100	3.5	4.0	800		
	VBC-30032B1	InGaN/ SiC(B7)			470	30	100	30	100	3.5	4.0	1200		
	VBC-30032BA	InGaN/ SiC(BA)			470	30	100	30	100	3.8	4.5	750		
T-1 3/4 1.0" Lead 5 φ	VBC-50033	InGaN/ SiC(B4)	Super Blue	470	Water Clear	30	100	30	100	3.5	4.0	4000	12	
	VBC-50033B1	InGaN/ SiC(B7)		470		30	100	30	100	3.5	4.0	5600		
	VBC-50033BA	InGaN/ SiC(BA)		470		30	100	30	100	3.5	4.0	4000		
	VBC-50032	InGaN/ SiC(B4)		Blue Trans	470	30	100	30	100	3.5	4.0	4000		
	VBC-50032B1	InGaN/ SiC(B7)			470	30	100	30	100	3.5	4.0	5600		
	VBC-50032BA	InGaN/ SiC(BA)			470	30	100	30	100	3.8	4.5	3500		
T-1 3/4 1.0" Lead 5 φ	VBC-50033-22	InGaN/ SiC(B4)	Super Blue	470	Water Clear	30	100	30	100	3.5	4.0	3000	22	L-021
	VBC-50033B1-22	InGaN/ SiC(B7)		470		30	100	30	100	3.5	4.0	4000		
	VBC-50033BA-22	InGaN/ SiC(BA)		470		30	100	30	100	3.5	4.0	3000		
	VBC-50032-22	InGaN/ SiC(B4)		Blue Trans	470	30	100	30	100	3.5	4.0	3000		
	VBC-50032B1-22	InGaN/ SiC(B7)			470	30	100	30	100	3.5	4.0	4000		
	VBC-50032BA-22	InGaN/ SiC(BA)			470	30	100	30	100	3.8	4.5	2400		
T-1 3/4 1.0" Lead 5 φ	VBC-50033-33	InGaN/ SiC(B4)	Super Blue	470	Water Clear	30	100	30	100	3.5	4.0	2000	33	
	VBC-50033B1-33	InGaN/ SiC(B7)		470		30	100	30	100	3.5	4.0	3000		
	VBC-50033BA-33	InGaN/ SiC(BA)		470		30	100	30	100	3.5	4.0	2000		
	VBC-50032-33	InGaN/ SiC(B4)		Blue Trans	470	30	100	30	100	3.5	4.0	2000		
	VBC-50032B1-33	InGaN/ SiC(B7)			470	30	100	30	100	3.5	4.0	3000		
	VBC-50032BA-33	InGaN/ SiC(BA)			470	30	100	30	100	3.8	4.5	1500		

Remark: 1.Hi-Eff Red / High-Efficiency Red.
 2.Trans / Transparent.
 3.2θ 1/2 The off-axis angle at which the luminous intensity is half the axial luminous intensity.



Notes: 1.All Dimensions are millimeters (inches).
 2.Tolerance is ±0.25mm (.010").