



Standard LED Lamps BL-T, BL-W Series

Triangular & Oval Types

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		
5.5x5.5x 7.0mm 1.0" Lead Triangular	BL-T1131-T	GaAsP/ GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.6	120	L-129
	BL-T5131-T	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	1.0		
	BL-T4531-T	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	9.0		
	BL-T2131-T	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	9.0		
	BL-TX1131-T	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	12.0		
	BL-T3131-T	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	8.0		
	BL-T4131-T	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	9.0		
2.6x2.6x 3.5mm 1.0" Lead Triangular	BL-T1132-T	GaAsP/ GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.6	100	L-130
	BL-T5132-T	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	1.6		
	BL-T4532-T	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	8.0		
	BL-T2132-T	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	8.0		
	BL-TX1132-T	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	11.0		
	BL-T3132-T	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	7.0		
	BL-T4132-T	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	8.0		
2.0x5.1x 7.7mm 1.0" Lead Triangular	BL-T1133-T	GaAsP/ GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	1.2	100	L-131
	BL-T5133-T	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	2.4		
	BL-T4533-T	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	9.0		
	BL-T2133-T	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	9.0		
	BL-TX1133-T	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	12.0		
	BL-T3133-T	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	8.0		
	BL-T4133-T	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	9.0		
2.8x4.3x 3.5mm 1.0" Lead Triangular	BL-T1134	GaAsP/ GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.6	100	L-132
	BL-T5134	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	1.0		
	BL-T4534	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	6.0		
	BL-T2134	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	6.0		
	BL-TX1134	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	9.0		
	BL-T3134	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	5.0		
	BL-T4134	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	6.0		
4.3x5.1x 7.3mm 1.0" Lead Oval	BL-W1334-S	GaAsP/ GaAs/ Red	655	Water Clear	40	80	40	200	1.7	2.0	30.0	X-X 35.0 Y-Y 20.0	L-133
	BL-W5334-S	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	35.0		
	BL-W4334-S	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	150.0		
	BL-W2334-S	GaP/GaP/ Green	568		30	80	30	150	2.2	2.6	150.0		
	BL-WX1334-S	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	155.0		
	BL-W3334-S	GaAsP/GaP/ Yellow	585	Orange Trans	35	80	30	150	2.1	2.6	130.0		
	BL-W4434-S	GaAsP/GaP/ Orange	635		45	80	30	150	2.0	2.6	150.0		
4.1x5.0x 7.0mm 1.0" Lead Oval	BL-W1334A-S	GaAsP/ GaAs/ Red	655	Water Clear	40	80	40	200	1.7	2.0	30.0	X-X 40.0 Y-Y 25.0	L-134
	BL-W5334A-S	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	35.0		
	BL-W4334A-S	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	150.0		
	BL-W2334A-S	GaP/GaP/ Green	568		30	80	30	150	2.2	2.6	150.0		
	BL-WX1334A-S	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	155.0		
	BL-W3334A-S	GaAsP/GaP/ Yellow	585	Orange Trans	35	80	30	150	2.1	2.6	130.0		
	BL-W4434A-S	GaAsP/GaP/ Orange	635		45	80	30	150	2.0	2.6	200.0		
4.1x5.0x 7.0mm 1.0" Lead Oval	BL-W1334A-1-S	GaAsP/ GaAs/ Red	655	Water Clear	40	80	40	200	1.7	2.0	30.0	X-X 45.0 Y-Y 30.0	L-135
	BL-W5334A-1-S	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	35.0		
	BL-W4334A-1-S	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	150.0		
	BL-W2334A-1-S	GaP/GaP/ Green	568		30	80	30	150	2.2	2.6	150.0		
	BL-W3334A-1-S	GaAsP/GaP/ Yellow	585		30	80	30	150	2.2	2.6	130.0		
	BL-W4434A-1-S	GaAsP/GaP/ Orange	635	Orange Trans	45	80	30	150	2.0	2.6	150.0		
5.7 x4.7x 7.9mm 1.0" Lead Oval	BL-W5334B-S	GaP/GaP/ Bright Red	700	Water Clear	90	40	15	50	2.2	2.6	35.0	X-X 60.0 Y-Y 35.0	L-136
	BL-W4334B-S	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	150.0		
	BL-W2334B-S	GaP/GaP/ Green	568		30	80	30	150	2.2	2.6	150.0		
	BL-W3334B-S	GaAsP/GaP/ Yellow	585		30	80	30	150	2.2	2.6	130.0		
	BL-W4434B-S	GaAsP/GaP/ Orange	635	Orange Trans	45	80	30	150	2.0	2.6	150.0		

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.



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L-129 BL-Txx31-T Series 5.5(.217) 7.0(.276) 1.5(.059) MAX. 0.5(.02) SQ. TYP. 25.4(1.00) MIN. 1.0(.039) MIN. 2.54(.100) NOM. 60° x 3 X TOP VIEW	L-130 BL-Txx32-T Series 3.55(.140) 2.6(.102) 3.0(.118) 3.5(.138) 2.5(.100) 1.5(.059) MAX. 0.5(.02) SQ. TYP. 25.4(1.00) MIN. 1.0(.039) MIN. 2.54(.100) NOM. 60° x 3 X TOP VIEW
L-131 BL-Txx33-T Series 4.94(.194) 2.94(.117) 4.65(.183) 5.1(.201) 1.5(.059) MAX. 0.5(.02) SQ. TYP. 25.4(1.00) MIN. 1.0(.039) MIN. 2.54(.100) NOM. 1.85(.073) 2.0(.079) 0.5(.020) SQ. TYP.	L-132 BL-Txx34 Series 4.3(.169) 3.5(.138) 4.0(.157) 4.4(.173) 1.5(.059) MAX. 0.5(.02) SQ. TYP. 25.4(1.00) MIN. 1.0(.039) MIN. 2.54(.100) NOM. 3.3(.130) 2.8(.110) 3.4(.134) 0.5(.020) SQ. TYP.
L-133 BL-Wxx34-S Series 5.1(.200) 7.3(.287) 1.5(.059) MAX. 0.5(.02) SQ. TYP. 25.4(1.00) MIN. 1.0(.039) MIN. 2.54(.100) NOM. 3.5(.137) ± 0.5 5.1(.200) 4.3(.169) Y X	L-134 BL-Wxx34A-S Series 4.86(.191) R 2.43(.096) 7.25(.285) 1.5(.059) MAX. 0.5(.02) SQ. TYP. 25.4(1.00) MIN. 1.0(.039) MIN. 2.54(.100) NOM. 4.08(.161) 0.5(.02) 2.1(.083) 2.1(.083) 5.02(.198) Y X
L-135 BL-Wxx34A-1-S Series 5.0(.196) 7.0(.275) 1.5(.059) MAX. 0.5(.02) SQ. TYP. 25.4(1.00) MIN. 1.0(.039) MIN. 2.54(.100) NOM. 4.1(.161) 0.5(.02) 5.0(.196) 4.1(.161) Y X	L-136 BL-Wxx34B-S Series 4.7(.185) 5.7(.224) 11.5 ± 0.5(.453 ± 0.02) 1.5(.059) MAX. 3.6(.142) 1.3(.051) 0.5(.020) SQ. TYP. 25.4(1.00) MIN. 1.0(.04) MIN. 2.54(.10) NOM. 4.7(.185) 5.7(.224) Y X

Notes : 1.All Dimensions are in millimeters (inches).
2 T 1 i ± 0.25 (.010")