



Standard LED Lamps Cylindrical & Tower

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)		Δλ (nm)	Pd (mw)	If (mA)	Peak (mA)	V _f (V)		I _v (mcd)		
									Typ	Max	Typ.		
1.0" Lead Cylindrical φ5.0	BL-C5131A	GaP/GaP/ Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	1.0	140	L-120
	BL-C4531A	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	6.0		
	BL-C2131A	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	6.0		
	BL-CX1131A	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	6.0		
	BL-C3131A	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	5.0		
	BL-C4131A	GaAsP/GaP/ Orange	635	Orange Diffused	45	100	30	150	2.0	2.6	6.0		
1.0" Lead Cylindrical φ5.0	BL-C5131A-1	GaP/GaP/ Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	0.8	150	L-121
	BL-C4531A-1	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	5.0		
	BL-C2131A-1	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	5.0		
	BL-CX1131A-1	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	7.0		
	BL-C3131A-1	GaAsP/ GaP Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	4.0		
	BL-C4131A-1	GaAsP/GaP/ Orange	635	Orange Diffused	45	100	30	150	2.0	2.6	5.0		
1.0" Lead Cylindrical φ3.0	BL-C5132	GaP/GaP/ Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	3.0	130	L-122
	BL-C4532	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	9.0		
	BL-C2132	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	9.0		
	BL-CX1132	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	12.0		
	BL-C3132	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	8.0		
	BL-C4132	GaAsP/GaP/ Orange	635	Orange Diffused	45	100	30	150	2.0	2.6	9.0		
1.0" Lead Cylindrical φ3.0	BL-C5435	GaP/GaP/ Bright Red	700	Red Trans	90	40	15	50	2.2	2.6	5.0	120	L-123
	BL-C4635	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	15.0		
	BL-C2435	GaP/GaP/ Green	568	Green Trans	30	80	30	150	2.2	2.6	15.0		
	BL-CX1435	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	18.0		
	BL-C3435	GaAsP/GaP/ Yellow	585	Yellow Trans	35	80	30	150	2.1	2.6	12.0		
	BL-C4435	GaAsP/GaP/ Orange	635	Orange Trans	45	100	30	150	2.0	2.6	15.0		
1.0" Lead Cylindrical φ5.0	BL-C5436	GaP/GaP/ Bright Red	700	Red Trans	90	40	15	50	2.2	2.6	5.0	120	L-124
	BL-C4636	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	14.0		
	BL-C2436	GaP/GaP/ Green	568	Green Trans	30	80	30	150	2.2	2.6	14.0		
	BL-CX1436	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	16.0		
	BL-C3436	GaAsP/GaP/ Yellow	585	Yellow Trans	35	80	30	150	2.1	2.6	13.0		
	BL-C4436	GaAsP/GaP/ Orange	635	Orange Trans	45	100	30	150	2.0	2.6	14.0		
1.0" Lead Cylindrical φ5.0	BL-C5336M	GaP/GaP/ Bright Red	700	Water Clear	90	40	15	50	2.2	2.6	5.0	125	L-125
	BL-C4336M	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	14.0		
	BL-C2336M	GaP/GaP/ Green	568		30	80	30	150	2.2	2.6	14.0		
	BL-CX1336M	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	16.0		
	BL-C3336M	GaAsP/GaP/ Yellow	585		35	80	30	150	2.1	2.6	13.0		
	BL-C9336M	GaP/GaP/ Pure Green	555		30	80	30	150	2.2	2.6	1.2		
1.0" Lead Cylindrical φ5.0	BL-C5137-T	GaP/GaP/ Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	2.0	120	L-126
	BL-C4537-T	GaAsP/GaP/ Hi-Eff Red	635	45	80	30	150	2.0	2.6	9.0			
	BL-C2137-T	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	9.0		
	BL-CX1137-T	GaP/GaP/ Hi-Eff Green	568	30	80	30	150	2.2	2.6	12.0			
	BL-C3137-T	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	8.0		
Panel Dot 1.0" Lead φ1.75	BL-S5131	GaP/GaP/ Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	1.2	75	L-127
	BL-S4531	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	6.0		
	BL-S2131	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	6.0		
	BL-S3131	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	4.0		

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.

LMP-38

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L-120 BL-Cxx31A Series	L-121 BL-Cxx31A-1 Series
L-122 BL-Cxx32 Series	L-123 BL-Cxx35 Series
L-124 BL-Cxx36 Series	L-125 BL-Cxx36M Series
L-126 BL-Cxx37-T Series	L-127 BL-Sxx31 Series

- Notes
1. All Dimensions are in millimeters (inches).
 2. Tolerance is $\pm 0.25\text{mm}$ (.010").