

Circuit Board Indicator, 3mm Tri-Level LED CBI

BL-LA3D3-A1504

FEATURES

- 3mm Tri-Level LED CBI , Tri- level
- Tri-level CBI structure providing three vertically aligned indicator positions
- 3mm LED package optimized for compact and multi-status panel designs
- Pre-formed leads ensure accurate PCB alignment across all levels
- Black housing improves contrast and enhances visibility
- High-reliability LED chip with stable luminous output
- UL 94V-0 rated PA66 housing material
- Halogen-free and RoHS compliant



APPLICATIONS

- Three-step status indication for instruments and control panels
- Vertical indicator stacks in communication or diagnostic equipment
- Compact multi-point display modules
- Switch, keypad, and interface backlighting
- Consumer and industrial device indicators

ATTENTION

This device is sensitive to electrostatic discharge.

Use appropriate ESD handling procedures during assembly.

Electrical-optical characteristics: (Ta=25°C) (Test Condition: IF=20mA)

Part Number	Assembly LED		Chip			Lens Type	Forward Voltage(V F) Unit:V		Luminous Intensity (lv) Unit:mcd		Viewing Angle 2θ1/2 (deg)
			Emitted Color	Material	λP (nm)		Typ	Max	Min.	Typ.	
BL-LA3D3-A1504YYY	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504YYX	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	X									
BL-LA3D3-A1504YYR	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504YYG	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504YXY	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	X									
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504YXX	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	X									
	LED3	X									

Circuit Board Indicator, 3mm Tri-Level LED CBI

BL-LA3D3-A1504

BL-LA3D3-A1504YXG	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	X									
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504YRX	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	X									
BL-LA3D3-A1504YRR	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504YRG	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504YG-Y G-YG	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504YGY	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504YGX	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	X									
BL-LA3D3-A1504YGR	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504YGG	LED1	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504XXG	LED1	X									
	LED2	X									
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504XRX	LED1	X									
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	X									
BL-LA3D3-A1504XRR	LED1	X									
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504XGX	LED1	X									
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	X									
BL-LA3D3-A1504XGG	LED1	X									
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60

Circuit Board Indicator, 3mm Tri-Level LED CBI

BL-LA3D3-A1504

BL-LA3D3-A1504WWW	LED1	W	White	InGaN	-	C.D.	3.1	4.2	300	700	60
	LED2	W	White	InGaN	-	C.D.	3.1	4.2	300	700	60
	LED3	W	White	InGaN	-	C.D.	3.1	4.2	300	700	60
BL-LA3D3-A1504WWB	LED1	W	White	InGaN	-	C.D.	3.1	4.2	300	700	60
	LED2	W	White	InGaN	-	C.D.	3.1	4.2	300	700	60
	LED3	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
BL-LA3D3-A1504RYY	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504RYR	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504RYG	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504RXX	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	X									
	LED3	X									
BL-LA3D3-A1504RXR	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	X									
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504RXG	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	X									
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504RRY	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504RRR	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504RRG	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504RGY	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504RGX	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	X									
BL-LA3D3-A1504RG-R G-X	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
		R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	X									

Circuit Board Indicator, 3mm Tri-Level LED CBI

BL-LA3D3-A1504

BL-LA3D3-A1504RG-R G-RG	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504RGR	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504RGG	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504RGB	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
BL-LA3D3-A1504REY	LED1	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED2	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504GYG	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504GYX	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	X									
BL-LA3D3-A1504GYR	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504GYG	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504GYB	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
BL-LA3D3-A1504GXY	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	X									
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504GXX	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	X									
	LED3	X									
BL-LA3D3-A1504GXR	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	X									
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504GXG	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	X									
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60

Circuit Board Indicator, 3mm Tri-Level LED CBI

BL-LA3D3-A1504

BL-LA3D3-A1504GXE	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	X									
	LED3	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
BL-LA3D3-A1504GXB	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	X									
	LED3	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
BL-LA3D3-A1504GRY	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504GRX	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	X									
BL-LA3D3-A1504GRR	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504GRG	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504GRE	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
BL-LA3D3-A1504GRB	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
BL-LA3D3-A1504GG-Y G-YG	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504GGY	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504GGX	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	X									
BL-LA3D3-A1504GG-R G-RG	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504GGR	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60

Circuit Board Indicator, 3mm Tri-Level LED CBI

BL-LA3D3-A1504

BL-LA3D3-A1504GGG	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504GGE	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
BL-LA3D3-A1504GGB	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	B	Blue	InGaP	465	C.D.	3.1	4.2	300	700	60
BL-LA3D3-A1504GEE	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED3	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
BL-LA3D3-A1504GEB	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED3	B	Blue	InGaP	465	C.D.	3.1	4.2	300	700	60
BL-LA3D3-A1504GBY	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	B	Blue	InGaP	465	C.D.	3.1	4.2	300	700	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504GBR	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	B	Blue	InGaP	465	C.D.	3.1	4.2	300	700	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504GBE	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	B	Blue	InGaP	465	C.D.	3.1	4.2	300	700	60
	LED3	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
BL-LA3D3-A1504GBB	LED1	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	B	Blue	InGaP	465	C.D.	3.1	4.2	300	700	60
	LED3	B	Blue	InGaP	465	C.D.	3.1	4.2	300	700	60
BL-LA3D3-A1504EYG	LED1	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504ERG	LED1	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504ERE	LED1	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED2	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
	LED3	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
BL-LA3D3-A1504EGY	LED1	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504EG-E G-EG	LED1	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED2	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
		G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60

Circuit Board Indicator, 3mm Tri-Level LED CBI

BL-LA3D3-A1504

BL-LA3D3-A1504EEG	LED1	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED2	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504EEE	LED1	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED2	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED3	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
BL-LA3D3-A1504EEB	LED1	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED2	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED3	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
BL-LA3D3-A1504BYG	LED1	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
	LED2	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504BGY	LED1	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	Y	Yellow	GaAsP/GaP	585	C.D.	2.1	2.5	1.5	20	60
BL-LA3D3-A1504BGR	LED1	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	R	Red	GaAsP/GaP	635	C.D.	2.1	2.5	10	70	60
BL-LA3D3-A1504BGG	LED1	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504BGE	LED1	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
	LED2	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
	LED3	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
BL-LA3D3-A1504BEG	LED1	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
	LED2	E	amber	AlGaAs	610	C.D.	1.85	2.2	30	110	60
	LED3	G	Green	GaP/GaP	570	C.D.	2.2	2.5	1.5	20	60
BL-LA3D3-A1504BBB	LED1	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
	LED2	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60
	LED3	B	Blue	InGaN	465	C.D.	3.1	4.2	300	700	60

Circuit Board Indicator, 3mm Tri-Level LED CBI

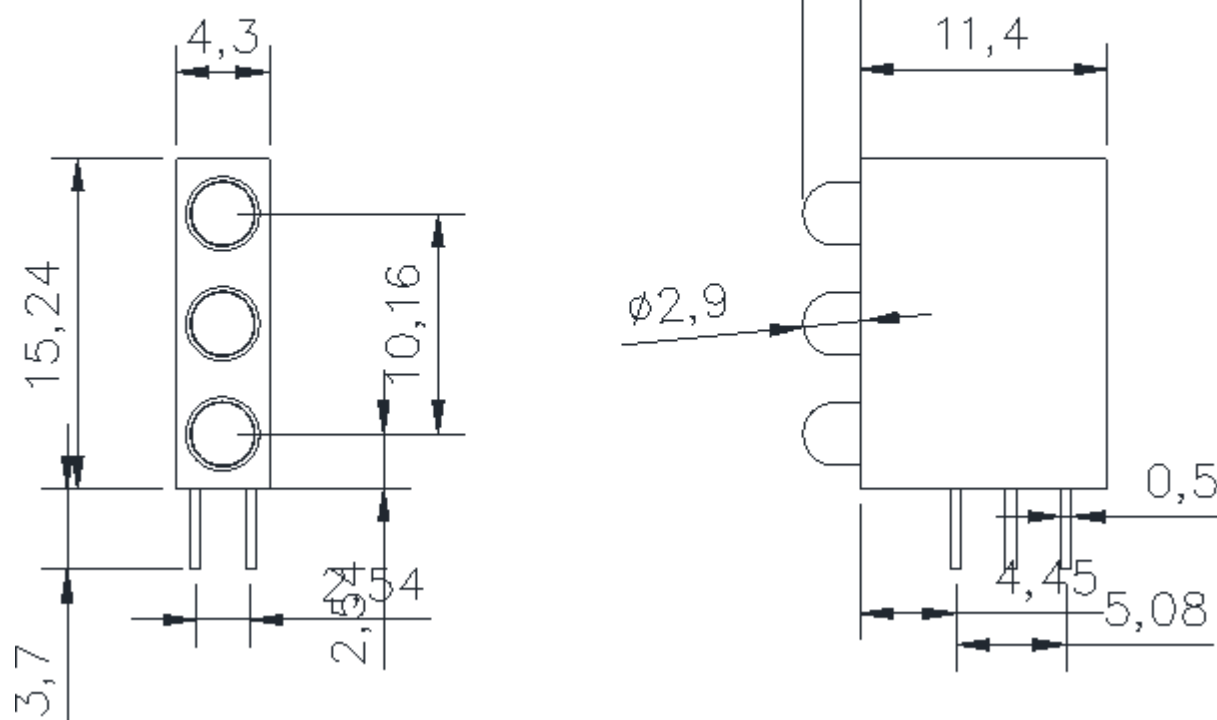
BL-LA3D3-A1504

Absolute maximum ratings (Ta=25°C)

Parameter	SR	E	Y	G	B	W	Unit
Forward Current I_F	25	25	25	30	30	30	mA
Power Dissipation P_d	60	60	60	65	120	120	mW
Reverse Voltage V_R	5	5	5	5	5	5	V
Peak Forward Current I_{PF} (Duty 1/10 @1KHZ)	150	150	150	150	100	100	mA
Operation Temperature T_{OPR}	-40 to +80						°C
Storage Temperature T_{STG}	-40 to +85						°C
Lead Soldering Temperature $TSOL$	Max.260±5°C for 3 sec Max. (1.6mm from the base of the epoxy bulb)						°C

Package configuration & Internal circuit diagram

BL-LA3D3-A1504 series 2,62



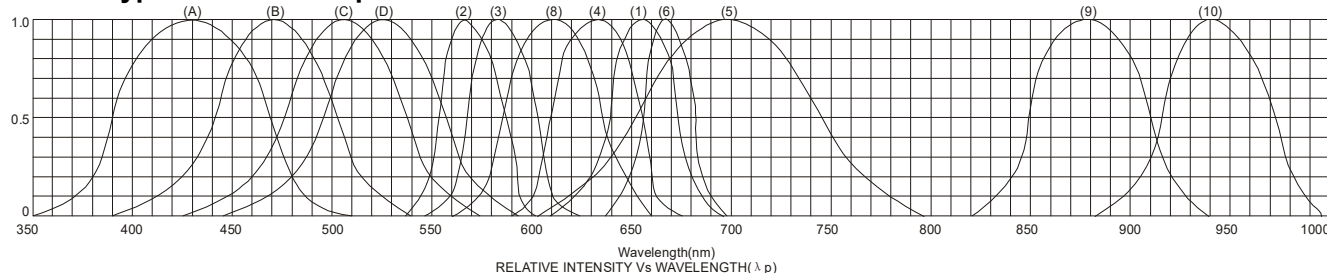
Notes:

1. All dimensions are in millimeters (inches)
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.
3. Specifications are subject to change without notice.

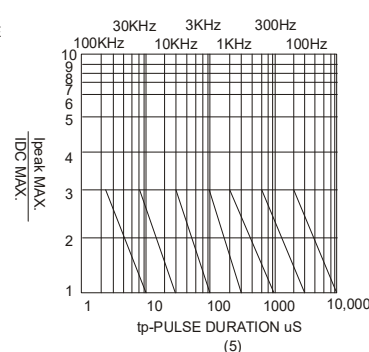
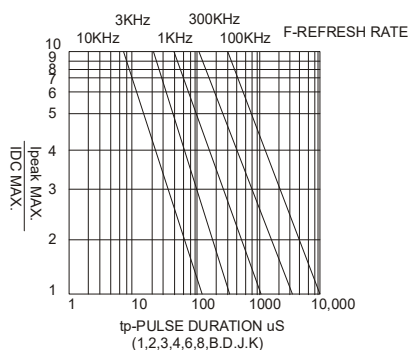
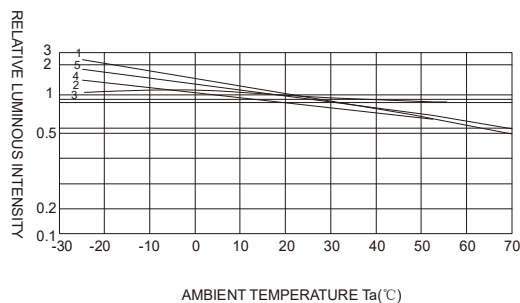
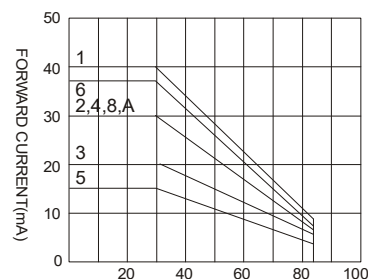
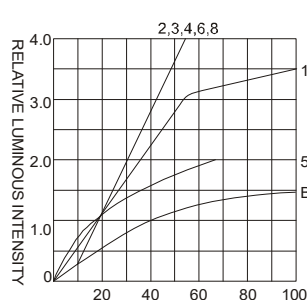
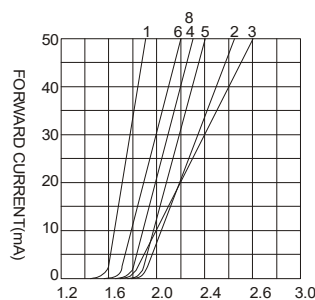
Circuit Board Indicator, 3mm Tri-Level LED CBI

BL-LA3D3-A1504

■ Typical electrical-optical characteristics curves:



- | | |
|---|--------------------------------------|
| (1) - GaAsP/GaAs 655nm/Red | (9) - GaAlAs 880nm |
| (2) - GaP 570nm/Yellow Green | (10) - GaAs/GaAs & GaAlAs/GaAs 940nm |
| (3) - GaAsP/GaP 585nm/Yellow | (A) - GaN/SiC 430nm/Blue |
| (4) - GaAsP/GaP 635nm/Orange & Hi-Eff Red | (B) - InGaN/SiC 470nm/Blue |
| (5) - GaP 700nm/Bright Red | (C) - InGaN/SiC 505nm/Ultra Green |
| (6) - GaAlAs/GaAs 660nm/Super Red | (D) - InGaAl/SiC 525nm/Ultra Green |
| (8) - GaAsP/GaP 610nm/Super Red | |



NOTE:25°C free air temperature unless otherwise specified

Circuit Board Indicator, 3mm Tri-Level LED CBI

BL-LA3D3-A1504

■ Packing and weighting

