



LED Retrofit Bulb Lighting

Available in a variety of styles and wattages, in two colour temperatures

Available in a variety of base fixtures, input voltages, wattages and colour temperatures, the LBL series of LED retrofit bulbs provides an easy path to energy efficient, long life LED illumination. They are available in G4, G9, E14, E27 and E40 bases.

LBL-BA series G4 and LBL-BB series G9 base lights are ideal replacements for halogen lamps and are used in cabinet lights, designer fittings, RV & caravan lamps, in bathrooms & kitchens and more. The LBL-BC series E14 base lights replace small fittings such as those found in appliance lighting, whereas the much larger LBL-BD (E27 base) and BE (E40 base) series lights are heavy duty LED replacements for inefficient lamp post bulbs and metal-halide high bay bulbs.

- Replacement bulbs for a wide range of base fixtures.
- Improve energy efficiency & save on relamping costs.
- 30,000 hours rated service life and high colour accuracy.
- Power flexible: Includes 12VDC and 240VAC input models.

Series Specifications

Model	LBL-BA3-1		LBL-BA3-2		LBL-BA3-3		LBL-BA2		LBL-BB5-1		LBL-BB5-2			
Product Image														
Series Name	LBL-BA Series G4 Base LED Bulbs								LBL-BB Series G9 Base LED Bulbs					
Optical														
Luminous Flux	200lm		200lm		300lm		140lm		360lm		550lm			
Luminous Efficacy	67lm/W		67lm/W		100lm/W		70lm/W		65lm/W		100lm/W			
Colour Temperature	3000K / 6000K													
Colour Rendering Index	>80													
Beam Angle	360°				180°				360°					
Light Decay	<15% at 10,000 hours													
Rated Lifespan	30,000 hours													
Electrical														
Power Consumption	3W				2W				5.5W					
Input Voltage	12VDC		240VAC		12VDC		12VDC		240VAC		240VAC			
Power Factor	>0.4		>0.4		>0.4		>0.4		>0.6		>0.5			
Dimmable	N/A													
General														
Construction / Material	Silicon base				Ceramic base				Plastic base				Silicon base	Ceramic base
Plug / Socket / Base	G4 bi-pin								G9 bi-pin					
Operating Environment	-20 ~ +40°C													
Dimensions	Ø15 x 43mm		Ø16 x 43mm		Ø15 x 44mm		20 x 30mm		Ø17 x 61mm		Ø15 x 60mm			
Equivalent Wattage	12W halogen		12W halogen		15W halogen		10W halogen		20W halogen		25W halogen			

Model	LBL-BC1		LBL-BD36		LBL-BE120	
Product Image						
Series Name	LBL-BC Series E14 Base Retrofit Bulbs		LBL-BD Series E27 Base Retrofit Bulbs		LBL-BE Series E40 Base Retrofit Bulbs	
Optical						
Luminous Flux	120lm		3600lm		12000lm	
Luminous Efficacy	80lm/W		100lm/W			
Colour Temperature	3000K / 6000K					
Colour Rendering Index	>80					
Beam Angle	360°					
Light Decay	<15% at 10,000 hours					
Rated Lifespan	30,000 hours					
Electrical						
Power Consumption	1.5W		36W		120W	
Input Voltage	220 ~ 240VAC		85 ~ 265VAC			
Power Factor	>0.80		>0.95			
Dimmable	N/A					
General						
Construction / Material	Glass / Ceramic		Aluminium / Polycarbonate			
Plug / Socket / Base	E14 screw		E27 screw		E40 screw	
Operating Environment	-20 ~ +40°C					
Dimensions	Ø23 x 50mm		Ø93 x 222mm		Ø120 x 354mm	
Equivalent Wattage	10W halogen		150W halogen		250W metal-halide	

Ordering Information

Type	Series	Wattage	Colour Temperature	Other
LBL	- BA BB	2 (2W) 3 (3W) 5 (5.5W)	- C (Cool white) W (Warm white)	1~9
LBL-BA3-W2: 3W G4 Base LED Retrofit Bulb in Warm White				

Type	Series	Wattage	Colour Temperature
LBL	- BC BD BE	1 (1.5W) 36 (36W) 120 (120W)	- C (Cool white) W (Warm white)
LBL-BD36-C: 36W E27 Base LED Retrofit Bulb in Cool White			