



Bridgelux ES Arrays

The Bridgelux ES Array Series enables lamp and luminaire manufacturers to cost effectively meet rapidly increasing global regulatory standards for general lighting such as Energy Star, Title 24, Part L and others. These new arrays are 30-60% more energy efficient than previous product generations while dramatically reducing the price per lumen. The series delivers between 400 and 2000 "hot" lumens (lumens under normal operating conditions) in a compact high flux density light source, enabling the replacement of incandescent, halogen and fluorescent conventional light sources.

Features

- Delivers between 400 and 2000 "hot" lumens
- Compact high flux density light source
- High quality uniform illumination without pixilation
- Industries lowest thermal resistance
- Plug and play solution enables rapid design integration
- More energy efficient than incandescent, halogen and fluorescent lamps
- Long operating life and reduced operating costs

Part Number	CCT (K)	CRI	Luminous Flux (Tj 25C)	Luminous Flux (Tc 60C)	Current (mA)	Voltage (V)
BXRA-W0401	3000	82	440	400	700	9.5
BXRA-W0402	3000	82	460	420	700	9.0
BXRA-W0802	3000	82	930	850	1050	12.2
BXRA-W1202	3000	82	1320	1200	1200	15.1
BXRA-W1203	3000	82	1320	1200	1050	18.3
BXRA-N0402	4100	80	440	400	600	8.9
BXRA-N0802	4100	80	1020	880	1050	12.2
BXRA-N1203	4100	80	1530	1380	1050	18.3
BXRA-C0402	5600	65	450	410	500	9.5
BXRA-C0802	5600	65	880	800	700	12.7
BXRA-C1202	5600	65	1320	1200	1050	12.8
BXRA-C2002	5600	65	2200	2000	1500	16.2



Bridgelux RS Arrays

The Bridgelux RS Array Series delivers high light output for applications including retail, street, wide area, high bay, and commercial lighting; replacing conventional light sources such as 50-70 Watt metal halide and high wattage compact fluorescent (CFL) lamps. These arrays produce between 3100 and 4500 "hot" lumens (lumens under normal operating conditions), enabling clean and uniform lighting effects without pixilation and excellent beam control for precision lighting.

Features

- Delivers between 3100 and 4500 "hot" lumens
- Compact high flux density light source
- High quality uniform illumination without pixilation
- Industries lowest thermal resistance
- Plug and play solution enables rapid design integration
- More energy efficient than incandescent, halogen and fluorescent lamps
- Long operating life and reduced operating costs

Part Number	CCT (K)	CRI	Luminous Flux (Tj 25C)	Luminous Flux (Tc 60C)	Current (mA)	Voltage (V)
BXRA-W3000	3000	82	3400	3100	2100	25.6
BXRA-N3500	4100	80	3800	3400	2100	25.6
BXRA-C4500	5600	65	5000	4500	2100	25.6