



# Energy Efficient Direct Incandescent Replacement 660nm Ultra Red Based LED Lamps

Miniature Packages	Replaces Incandescent	Part Number	Electrical-Optical Characteristics (Ta = 25°C)				Angle of Illumination	Special Features
			Voltage V typ	Current mA typ	Intensity Ft. Cd	Intensity mcd		
<b>T3-1/4 (9mm) Miniature Bayonet</b> 	6MB, 44, 47, 755	BF321CR3K-6V-BP	5/6V	20	34	115	120°	Center Contact Polarity BP = Bipolar AC/DC P = Positive N = Negative  Replace BF321 With B321 for Narrow Beam (15°) 1.6K mcd/52 Ft.Cd @ 20mA
	12MB, 756	BF321CR3K-14V-BP	12/14V	20	34	115		
	24MB,	BF321CR3K-24V-BP	24V	20	34	115		
	313,757,1819,1829	BF321CR3K-28V-BP	28V	20	34	115		
	48MB	BF321CR3K-48V-BP	48V	12	20	65		
	60MB,1835	BF321CR3K-60V-BP	60V	12	20	65		
	120MB, NE51H	BF321CR3K-120VAC	120VAC	10	15	50		
		BF321CR3K-130V-BP	130V	8	12	40		
	BF321CR3K-240VAC	240VAC	4	4	15			
<b>T3-1/4 (9mm) Miniature Bayonet LED Cluster</b> 	6MB, 44, 47, 755	BF304CR3K-6V-BP	5/6V	80	136	460	120°	Center Contact Polarity BP = Bipolar AC/DC P = Positive N = Negative  Replace BF304 With B304 for Narrow Beam (15°) 6.4K mcd/208 Ft.Cd @ 20mA
	12MB, 756	BF304CR3K-14V-BP	12/14V	40	136	460		
	24MB,	BF304CR3K-24V-BP	24V	20	136	460		
	313,757,1819,1829	BF304CR3K-28V-BP	28V	20	136	460		
	48MB	BF304CR3K-48V-BP	48V	12	80	260		
	60MB,1835	BF304CR3K-60V-BP	60V	12	80	260		
	120MB, NE51H	BF304CR3K-120VAC	120VAC	10	60	200		
		BF304CR3K-130V-BP	130V	8	48	160		
	BF304CR3K-240VAC	240VAC	4	16	60			
<b>T3-1/4 (9mm) Miniature Bayonet LED Cluster</b> 	6MB, 44, 47, 755	BF3126CR3K-6V-BP	5/6V	120	120	600	120°	Center Contact Polarity BP = Bipolar AC/DC P = Positive N = Negative  Replace BF3126/3127 With B3126/3127 for Medium Beam (50°) 1.3K mcd/210 Ft.Cd @ 20mA
	12MB, 756	BF3126CR3K-14V-BP	12/14V	40	120	600		
	24MB,	BF3127CR3K-24V-BP	24V	20	140	700		
	313,757,1819,1829	BF3127CR3K-28V-BP	28V	20	140	700		
	48MB	BF3127CR3K-48V-BP	48V	12	63	230		
	60MB,1835	BF3127CR3K-60V-BP	60V	12	63	230		
	120MB, NE51H	BF3127CR3K-120VAC	120VAC	10	50	160		
		BF3127CR3K-130V-BP	130V	8	40	140		
	BF3127CR3K-240VAC	240VAC	4	20	70			
<b>T3-1/4 (9mm) Miniature Wedge</b> 	159,259,555,1995-7	WF321CR3K-6V-BP	5/6V	20	34	115	120°	BP = Bipolar AC/DC  Replace WF321 With W321 for Narrow Beam (15°) 1.6K mcd/52Ft.Cd @ 20mA
	124,658,2080,936	WF321CR3K-14V-BP	12/14V	20	34	115		
	656,657,400,464,655	WF321CR3K-24V-BP	24V	20	34	115		
	656,657,400,464,655	WF321CR3K-28V-BP	28V	20	34	115		
		WF321CR3K-48V-BP	48V	12	20	65		
		WF321CR3K-120VAC	120VAC	10	15	50		
	WF321CR3K-130V-BP	130V	8	12	40			
<b>S6 Candelabra Screw Base</b> 		SLF461CR3K-24V-BP	24V	20	34	115	120°	Center Contact Polarity BP = Bipolar AC/DC P = Positive N = Negative  Replace SLF461 With SL461 for Narrow Beam (15°) 1.6K mcd/52Ft.Cd @ 20mA
		SLF461CR3K-120VAC	120VAC	10	15	50		
		SLF461CR3K-130V-BP	130V	8	12	40		
		SLF461CR3K-220VAC	220VAC	4	4	15		
		SLF464CR3K-24V-BP	24V	20	136	460		
		SLF464CR3K-120VAC	120VAC	10	60	200		
		SLF464CR3K-130V-BP	130V	8	48	160		
		SLF464CR3K-220VAC	220VAC	4	16	60		
		SLF467CR3K-24V-BP	24V	20	238	800		
		SLF467CR3K-120VAC	120VAC	10	105	350		
		SLF467CR3K-130V-BP	130V	8	84	280		
		SLF467CR3K-220VAC	220VAC	4	28	105		

All dimensions in inches. For millimeters multiply by 25.4

Log # 089B Rev 03-00

