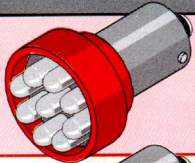
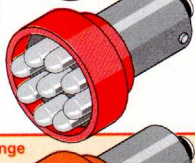

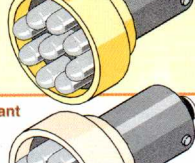
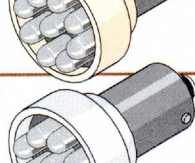
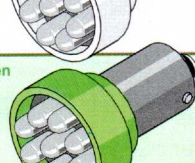
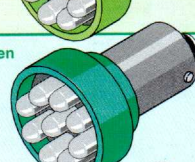
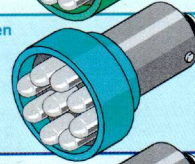
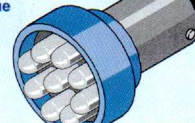
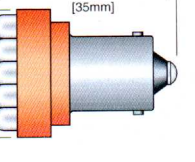




# 9 LED Cluster, 15mm SC Bayonet Based Lamps

Packages	Replaces Incandescent	Part Number	Input Voltage	Power (Watts) typ	Intensity per LED I <sub>v</sub> (mcd) typ	λ <sub>p</sub> (nm)	View Angle 2θ <sup>1/2</sup>	Optional Viewing Angles*
<b>660nm Ultra Red GaAlAs/GaAlAs</b> 	87, 93, 199, 309, 311, 705, 1093, 1095, 1129, 1133, 1139, 1141, 1143, 1156, 1159, 1195, 1203, 1293, 1295, 1591, 1619, 1651, 1665, 1680, 1683, 1691, 2232, 2233, 3011	B608-OUR-014N	12/14V	0.5 to 0.8	2000	660	12° to 15°	Replace N in part number with required viewing angle S - Standard (20° to 30°) M - Medium (50° to 60°) W - Wide (120°)
		B609-OUR-024N	24V					
		B609-OUR-028N	28V					
		B609-OUR-036N	36V					
		B609-OUR-120AN	120VAC					
<b>633nm Super Red InGaAlP</b> 	87, 93, 199, 309, 311, 705, 1093, 1095, 1129, 1133, 1139, 1141, 1143, 1156, 1159, 1195, 1203, 1293, 1295, 1591, 1619, 1651, 1665, 1680, 1683, 1691, 2232, 2233, 3011	B608-0ER-014N	12/14V	0.5 to 0.8	3500	630	12° to 15°	Replace N in part number with required viewing angle S - Standard (20° to 30°) M - Medium (50° to 60°) W - Wide (120°)
		B609-0ER-024N	24V					
		B609-0ER-028N	28V					
		B609-0ER-036N	36V					
		B609-0ER-120AN	120VAC					
<b>612nm Super Orange InGaAlP</b> 	87, 93, 199, 309, 311, 705, 1093, 1095, 1129, 1133, 1139, 1141, 1143, 1156, 1159, 1195, 1203, 1293, 1295, 1591, 1619, 1651, 1665, 1680, 1683, 1691, 2232, 2233, 3011	B608-0UO-014N	12/14V	0.5 to 0.8	6500	612	12° to 15°	Replace N in part number with required viewing angle S - Standard (20° to 30°) M - Medium (50° to 60°) W - Wide (120°)
		B609-0UO-024N	24V					
		B609-0UO-028N	28V					
		B609-0UO-036N	36V					
		B609-0UO-120AN	120VAC					
<b>595nm Super Yellow InGaAlP</b> 	87, 93, 199, 309, 311, 705, 1093, 1095, 1129, 1133, 1139, 1141, 1143, 1156, 1159, 1195, 1203, 1293, 1295, 1591, 1619, 1651, 1665, 1680, 1683, 1691, 2232, 2233, 3011	B608-0UY-014N	12/14V	0.5 to 0.8	5500	595	12° to 15°	Replace N in part number with required viewing angle S - Standard (20° to 30°) M - Medium (45° to 50°) W - Wide (120°)
		B609-0UY-024N	24V					
		B609-0UY-028N	28V					
		B609-0UY-036N	36V					
		B609-0UY-120AN	120VAC					
<b>4500K Incandescent White SiC/GaN</b> 	87, 93, 199, 309, 311, 705, 1093, 1095, 1129, 1133, 1139, 1141, 1143, 1156, 1159, 1195, 1203, 1293, 1295, 1591, 1619, 1651, 1665, 1680, 1683, 1691, 2232, 2233, 3011	B609-0IW-014N	12/14V	0.6 to 1.2	2000	4500K	12° to 15°	Replace N in part number with required viewing angle S - Standard (20° to 30°) M - Medium (50° to 60°) W - Wide (120°)
		B609-0IW-024N	24V					
		B609-0IW-028N	28V					
		B609-0IW-036N	36V					
		B609-0IW-120AN	120VAC					
<b>8000K Cool White SiC/GaN</b> 	87, 93, 199, 309, 311, 705, 1093, 1095, 1129, 1133, 1139, 1141, 1143, 1156, 1159, 1195, 1203, 1293, 1295, 1591, 1619, 1651, 1665, 1680, 1683, 1691, 2232, 2233, 3011	B609-0CW-014N	12/14V	0.6 to 1.2	6000	8000K	12° to 15°	Replace N in part number with required viewing angle S - Standard (20° to 30°) M - Medium (50° to 60°) W - Wide (120°)
		B609-0CW-024N	24V					
		B609-0CW-028N	28V					
		B609-0CW-036N	36V					
		B609-0CW-120AN	120VAC					
<b>570nm Lime Green InGaAlP</b> 	87, 93, 199, 309, 311, 705, 1093, 1095, 1129, 1133, 1139, 1141, 1143, 1156, 1159, 1195, 1203, 1293, 1295, 1591, 1619, 1651, 1665, 1680, 1683, 1691, 2232, 2233, 3011	B608-0UG-014N	12/14V	0.5 to 0.8	1000	570	12° to 15°	Replace N in part number with required viewing angle S - Standard (20° to 30°) M - Medium (50° to 60°) W - Wide (120°)
		B609-0UG-024N	24V					
		B609-0UG-028N	28V					
		B609-0UG-036N	36V					
		B609-0UG-120AN	120VAC					
<b>525nm Aqua Green SiC/GaN</b> 	87, 93, 199, 309, 311, 705, 1093, 1095, 1129, 1133, 1139, 1141, 1143, 1156, 1159, 1195, 1203, 1293, 1295, 1591, 1619, 1651, 1665, 1680, 1683, 1691, 2232, 2233, 3011	B609-0AG-014N	12/14V	0.6 to 1.2	10,000	525	12° to 15°	Replace N in part number with required viewing angle S - Standard (20° to 30°) M - Medium (50° to 60°) W - Wide (120°)
		B609-0AG-024N	24V					
		B609-0AG-028N	28V					
		B609-0AG-036N	36V					
		B609-0AG-120AN	120VAC					
<b>505nm Blue Green SiC/GaN</b> 	87, 93, 199, 309, 311, 705, 1093, 1095, 1129, 1133, 1139, 1141, 1143, 1156, 1159, 1195, 1203, 1293, 1295, 1591, 1619, 1651, 1665, 1680, 1683, 1691, 2232, 2233, 3011	B609-0BG-014N	12/14V	0.6 to 1.2	2000	505	12° to 15°	Replace N in part number with required viewing angle S - Standard (20° to 30°) M - Medium (50° to 60°) W - Wide (120°)
		B609-0BG-024N	24V					
		B609-0BG-028N	28V					
		B609-0BG-036N	36V					
		B609-0BG-120AN	120VAC					
<b>470nm Super Blue SiC/GaN</b> 	87, 93, 199, 309, 311, 705, 1093, 1095, 1129, 1133, 1139, 1141, 1143, 1156, 1159, 1195, 1203, 1293, 1295, 1591, 1619, 1651, 1665, 1680, 1683, 1691, 2232, 2233, 3011	B609-0PB-014N	12/14V	0.6 to 1.2	3000	470	12° to 15°	Replace N in part number with required viewing angle S - Standard (20° to 30°) M - Medium (50° to 60°) W - Wide (120°)
		B609-0PB-024N	24V					
		B609-0PB-028N	28V					
		B609-0PB-036N	36V					
		B609-0PB-120AN	120VAC					

### Viewing Angle:

12° to 15°



Narrow Angle (N)

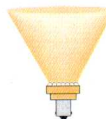
### Optional Viewing Angles:

20° to 30°



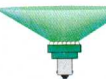
Standard Angle (S)

50° to 60°



Medium Angle (M)

120°



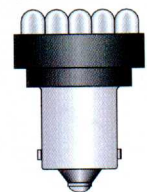
Wide Angle (W)

### \*Notes:

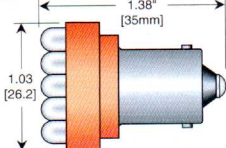
- Not all possible combinations of voltage, intensity and angle are available
- Intensity shown is for narrow angle (N). Intensity is reduced 12 to 15 times when using extra wide angles

### InfraReds

850/880/940nm



### Dimensions

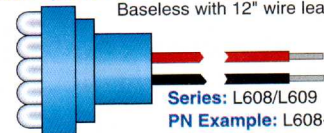


### Low Cost Specials: (for qualified applications)

- 8000K Cool White** PN Example: B609-1CW-120AN
- 525nm Aqua Green** PN Example: B609-1AG-120AN
- 505nm Blue Green** PN Example: B609-1BG-120AN
- 470nm Super Blue** PN Example: B609-1PB-120AN

### Custom Options: (for qualified applications)

Baseless with 12" wire leads



Series: L608/L609

PN Example: L608-0PB-014N

Log # 123B Rev 12-2000

Specifications subject to change without notice.

• All Lamps are Bipolar (AC & DC Compatible)

• Three-Year Lamp Warranty

**LEDTRONICS, INC.**  
THE FUTURE OF LIGHT



23105 Kashiwa Court, Torrance, CA 90505  
Phone: (800) 579-4875 or (310) 534-1505  
Fax: (310) 534-1424  
E-mail: webmaster@ledtronics.com  
Website: www.ledtronics.com