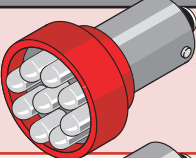
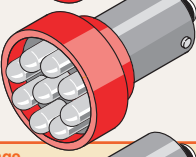
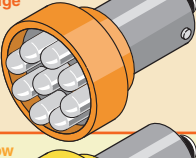
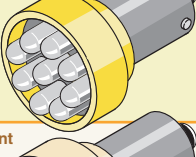
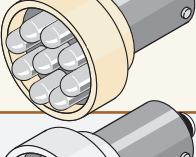
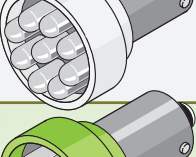
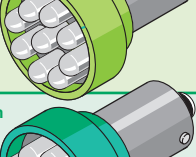
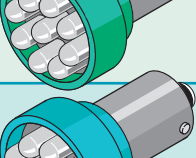
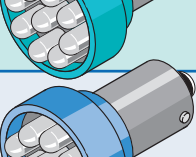
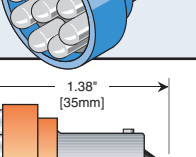




8/9 LED Cluster, 15mm SC Bayonet Based Lamps

Packages	Replaces Incandescent	Part Number	Input Voltage	Power Watts (typ)	Intensity per LED I_v mod (typ)	λ_p (nm)	View Angle $2\theta_{1/2}$	Custom Options
660nm Ultra Red GaAlAs/GaAlAs 	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	B608-0UR-014N	12/14V	0.5W to 0.8W	2000	660	12° to 15°	Replace N in part number with required viewing angle S - Standard (25° to 30°) M - Medium (45° to 50°) W - Wide (120° to 125°)
		B609-0UR-024N	24V					
		B609-0UR-028N	28V					
		B609-0UR-036N	36V					
		B609-0UR-120AN	120VAC					
633nm Super Red InGaAlP 	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	0.5W to 0.8W	3500	630	12° to 15°	Replace N in part number with required viewing angle S - Standard (25° to 30°) M - Medium (45° to 50°) W - Wide (120° to 125°)
		B609-0ER-024N	24V					
		B609-0ER-028N	28V					
		B609-0ER-036N	36V					
		B609-0ER-120AN	120VAC					
612nm Super Orange InGaAlP 	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	0.5W to 0.8W	6500	612	12° to 15°	Replace N in part number with required viewing angle S - Standard (25° to 30°) M - Medium (45° to 50°) W - Wide (120° to 125°)
		B609-0UO-024N	24V					
		B609-0UO-028N	28V					
		B609-0UO-036N	36V					
		B609-0UO-120AN	120VAC					
595nm Super Yellow InGaAlP 	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	0.5W to 0.8W	5500	595	12° to 15°	Replace N in part number with required viewing angle S - Standard (25° to 30°) M - Medium (45° to 50°) W - Wide (120° to 125°)
		B609-0UY-024N	24V					
		B609-0UY-028N	28V					
		B609-0UY-036N	36V					
		B609-0UY-120AN	120VAC					
4500K Incandescent White SiC/GaN 	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	0.6W to 1.2W	2000	4500K	12° to 15°	Replace N in part number with required viewing angle S - Standard (25° to 30°) M - Medium (45° to 50°) W - Wide (120° to 125°)
		B609-0IW-024N	24V					
		B609-0IW-028N	28V					
		B609-0IW-036N	36V					
		B609-0IW-120AN	120VAC					
8000K Cool White SiC/GaN 	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	0.6W to 1.2W	6000	8000K	12° to 15°	Replace N in part number with required viewing angle S - Standard (25° to 30°) M - Medium (45° to 50°) W - Wide (120° to 125°)
		B609-0CW-024N	24V					
		B609-0CW-028N	28V					
		B609-0CW-036N	36V					
		B609-0CW-120AN	120VAC					
570nm Lime Green InGaAlP 	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	0.5W to 0.8W	1000	570	12° to 15°	Replace N in part number with required viewing angle S - Standard (25° to 30°) M - Medium (45° to 50°) W - Wide (120° to 125°)
		B609-0UG-024N	24V					
		B609-0UG-028N	28V					
		B609-0UG-036N	36V					
		B609-0UG-120AN	120VAC					
525nm Aqua Green SiC/GaN 	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	0.6W to 1.2W	10,000	525	12° to 15°	Replace N in part number with required viewing angle S - Standard (25° to 30°) M - Medium (45° to 50°) W - Wide (120° to 125°)
		B609-0AG-024N	24V					
		B609-0AG-028N	28V					
		B609-0AG-036N	36V					
		B609-0AG-120AN	120VAC					
505nm Blue Green SiC/GaN 	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	0.6W to 1.2W	2000	505	12° to 15°	Replace N in part number with required viewing angle S - Standard (25° to 30°) M - Medium (45° to 50°) W - Wide (120° to 125°)
		B609-0BG-024N	24V					
		B609-0BG-028N	28V					
		B609-0BG-036N	36V					
		B609-0BG-120AN	120VAC					
470nm Super Blue SiC/GaN 	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	0.6W to 1.2W	3000	470	12° to 15°	Replace N in part number with required viewing angle S - Standard (25° to 30°) M - Medium (45° to 50°) W - Wide (120° to 125°)
		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:

25 to 30



Standard Angle (S)

45 to 50



Medium Angle (M)

120 to 125



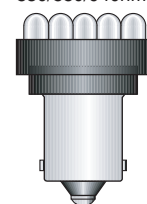
Wide Angle (W)

Notes:

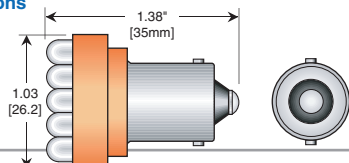
- Not all possible combinations of voltage, intensity and angle are available
- Intensity shown is for narrow angle. Intensity is reduced 12 to 15 times when using extra wide angles

InfraReds

850/880/940nm



Dimensions



Low Cost Specials

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

Options: (Baseless with 12" wire leads)

