



40 LED Cluster, 15mm SC Bayonet Based Lamps

Packages	Replaces Incandescent # (Application Specific)	Part Number	Input Voltage	Power (Watts) typ	Intensity per LED I _v (mcd) typ	λ _p (nm)	View Angle 2θ _{1/2}	Optional Viewing Angles*
<p>660nm Ultra Red GaAlAs/GaAlAs</p>	1019	B640-0UR-014N	12/14V	1.4 to 2.7	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°)
		B640-0UR-024N	24V					
		B640-0UR-028N	28V					
		B640-0UR-036N	36V					
<p>633nm Super Red InGaAlP</p>	1019	B640-0ER-014N	12/14V	1.4 to 2.7	3500	633	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°)
		B640-0ER-024N	24V					
		B640-0ER-028N	28V					
		B640-0ER-036N	36V					
<p>612nm Super Orange InGaAlP</p>	1019	B640-0UO-014N	12/14V	1.4 to 2.7	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°)
		B640-0UO-024N	24V					
		B640-0UO-028N	28V					
		B640-0UO-036N	36V					
<p>595nm Super Yellow InGaAlP</p>	1019	B640-0UY-014N	12/14V	1.4 to 2.7	5500	595	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°)
		B640-0UY-024N	24V					
		B640-0UY-028N	28V					
		B640-0UY-036N	36V					
<p>4500K Incandescent White SiC/GaN</p>	1019	B640-0IW-014N	12/14V	1.4 to 2.7	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°)
		B640-0IW-024N	24V					
		B640-0IW-028N	28V					
		B640-0IW-036N	36V					
<p>8000K Cool White SiC/GaN</p>	1019	B640-0CW-014N	12/14V	1.4 to 2.7	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°)
		B640-0CW-024N	24V					
		B640-0CW-028N	28V					
		B640-0CW-036N	36V					
<p>570nm Lime Green InGaAlP</p>	1019	B640-0UG-014N	12/14V	1.4 to 2.7	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°)
		B640-0UG-024N	24V					
		B640-0UG-028N	28V					
		B640-0UG-036N	36V					
<p>525nm Aqua Green SiC/GaN</p>	1019	B640-0AG-014N	12/14V	1.4 to 2.7	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°)
		B640-0AG-024N	24V					
		B640-0AG-028N	28V					
		B640-0AG-036N	36V					
<p>505nm Blue Green SiC/GaN</p>	1019	B640-0BG-014N	12/14V	1.4 to 2.7	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°)
		B640-0BG-024N	24V					
		B640-0BG-028N	28V					
		B640-0BG-036N	36V					
<p>470nm Super Blue SiC/GaN</p>	1019	B640-0PB-014N	12/14V	1.4 to 2.7	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°)
		B640-0PB-024N	24V					
		B640-0PB-028N	28V					
		B640-0PB-036N	36V					
<p>470nm Super Blue SiC/GaN</p>	1019	B640-0PB-120AN	120VAC	1.4 to 2.7	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°)
		B640-0PB-014N	12/14V					
		B640-0PB-024N	24V					
		B640-0PB-028N	28V					

Viewing Angle:

12° to 15°



Narrow Angle (N)

Optional Viewing Angles:

20° to 30°



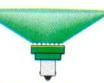
Standard Angle (S)

50° to 60°



Medium Angle (M)

120°



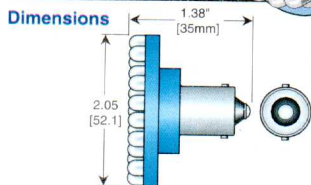
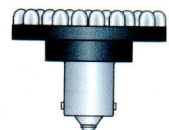
Wide Angle (W)

*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

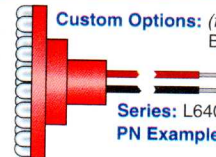


Low Cost Specials: (for qualified applications)

- 8000K Cool White PN Example: B640-1CW-120AN
- 525nm Aqua Green PN Example: B640-1AG-120AN
- 505nm Blue Green PN Example: B640-1BG-120AN
- 470nm Super Blue PN Example: B640-1PB-120AN

Custom Options: (for qualified applications)

Baseless with 12" wire leads



Series: L640

PN Example: L640-0ER-120AN

Specifications subject to change without notice.

• All Lamps are Bipolar (AC & DC Compatible)

• Three-Year Lamp Warranty

LEDTRONICS, INC.
THE FUTURE OF LIGHT



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