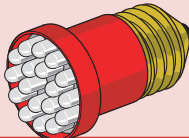
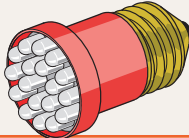
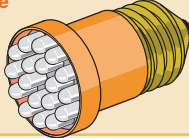
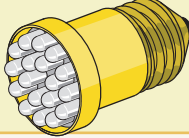
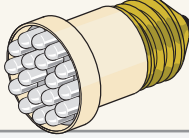
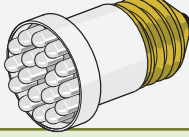
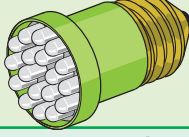
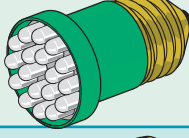
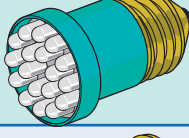
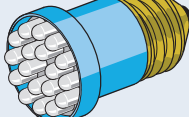




18/19 LED Cluster, 25mm Edison Screw Based Lamps

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 		S1018-OUR-014N	12/14V	1.0W to 1.7W	2000	660	12° to 15°	Replace N in part number with required viewing angle
		S1019-OUR-024N	24V					S - Standard (25° to 30°)
		S1019-OUR-120AN	120VAC					M - Medium (45° to 50°)
		S1019-OUR-240AN	240VAC					W - Wide (120° to 125°)
633nm Super Red InGaAlP 		S1018-0ER-014N	12/14V	1.0W to 1.7W	3500	630	12° to 15°	Replace N in part number with required viewing angle
		S1019-0ER-024N	24V					S - Standard (25° to 30°)
		S1019-0ER-120AN	120VAC					M - Medium (45° to 50°)
		S1019-0ER-240AN	240VAC					W - Wide (120° to 125°)
612nm Super Orange InGaAlP 		S1018-0UO-014N	12/14V	1.0W to 1.7W	6500	612	12° to 15°	Replace N in part number with required viewing angle
		S1019-0UO-024N	24V					S - Standard (25° to 30°)
		S1019-0UO-120AN	120VAC					M - Medium (45° to 50°)
		S1019-0UO-240AN	240VAC					W - Wide (120° to 125°)
595nm Super Yellow InGaAlP 		S1018-0UY-014N	12/14V	1.0W to 1.7W	5500	595	12° to 15°	Replace N in part number with required viewing angle
		S1019-0UY-024N	24V					S - Standard (25° to 30°)
		S1019-0UY-120AN	120VAC					M - Medium (45° to 50°)
		S1019-0UY-240AN	240VAC					W - Wide (120° to 125°)
4500K Incandescent White SiC/GaN 		S1018-0IW-014N	12/14V	1.0W to 1.7W	2000	4500K	12° to 15°	Replace N in part number with required viewing angle
		S1018-0IW-024N	24V					S - Standard (25° to 30°)
		S1019-0IW-120AN	120VAC					M - Medium (45° to 50°)
		S1019-0IW-240AN	240VAC					W - Wide (120° to 125°)
8000K Cool White SiC/GaN 		S1018-0CW-014N	12/14V	1.0W to 1.7W	6000	8000K	12° to 15°	Replace N in part number with required viewing angle
		S1018-0CW-024N	24V					S - Standard (25° to 30°)
		S1019-0CW-120AN	120VAC					M - Medium (45° to 50°)
		S1019-0CW-240AN	240VAC					W - Wide (120° to 125°)
570nm Lime Green InGaAlP 		S1018-0UG-014N	12/14V	1.0W to 1.7W	1000	570	12° to 15°	Replace N in part number with required viewing angle
		S1019-0UG-024N	24V					S - Standard (25° to 30°)
		S1019-0UG-120AN	120VAC					M - Medium (45° to 50°)
		S1019-0UG-240AN	240VAC					W - Wide (120° to 125°)
525nm Aqua Green SiC/GaN 		S1018-0AG-014N	12/14V	1.0W to 1.7W	10,000	525	12° to 15°	Replace N in part number with required viewing angle
		S1018-0AG-024N	24V					S - Standard (25° to 30°)
		S1019-0AG-120AN	120VAC					M - Medium (45° to 50°)
		S1019-0AG-240AN	240VAC					W - Wide (120° to 125°)
505nm Blue Green SiC/GaN 		S1018-0BG-014N	12/14V	1.0W to 1.7W	2000	505	12° to 15°	Replace N in part number with required viewing angle
		S1018-0BG-024N	24V					S - Standard (25° to 30°)
		S1019-0BG-120AN	120VAC					M - Medium (45° to 50°)
		S1019-0BG-240AN	240VAC					W - Wide (120° to 125°)
470nm Super Blue SiC/GaN 		S1018-0PB-014N	12/14V	1.0W to 1.7W	3000	470	12° to 15°	Replace N in part number with required viewing angle
		S1018-0PB-024N	24V					S - Standard (25° to 30°)
		S1019-0PB-120AN	120VAC					M - Medium (45° to 50°)
		S1019-0PB-240AN	240VAC					W - Wide (120° to 125°)

Viewing Angle:

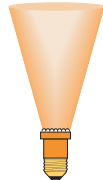
12° to 15°



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:

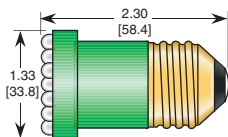
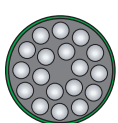
- Not all possible combinations of voltage, intensity and angle are available
- Intensity shown is for narrow angle. Intensity is reduced 12° to 15° times when using extra wide angles

InfraReds

850/880/940nm



Dimensions



Low Cost Specials

- 8000K Cool White PN Example: S1019-1CW-120AN
- 525nm Aqua Green PN Example: S1019-1AG-120AN
- 505nm Blue Green PN Example: S1019-1BG-120AN
- 470nm Super Blue PN Example: S1019-1PB-120AN

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