

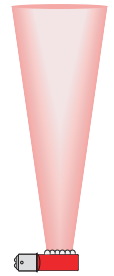


15mm Single Side Right Angle SC Bayonet Based LEDs

Packages	Replaces Incandescent	Part Number	Input Voltage	Power Watts (typ)	Intensity per LED I_v mcd (typ)	λ_p (nm)	View Angle 2 θ 1/2	Special Features
633nm Super Red InGaAlP	310,312	BR631-0ER-014N	12/14V	1.2W to 2.0W	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°)
		BR631-0ER-024N	24V					
		BR631-0ER-028N	28V					
		BR631-0ER-036N	36V					
612nm Super Orange InGaAlP	310,312	BR631-0UO-014N	12/14V	1.2W to 2.0W	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°)
		BR631-0UO-024N	24V					
		BR631-0UO-028N	28V					
		BR631-0UO-036N	36V					
595nm Super Yellow InGaAlP	310,312	BR631-0UY-014N	12/14V	1.2W to 2.0W	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°)
		BR631-0UY-024N	24V					
		BR631-0UY-028N	28V					
		BR631-0UY-036N	36V					
8000K Cool White SiC/GaN	310,312	BR631-0CW-014N	12/14V	1.2W to 2.0W	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°)
		BR631-0CW-024N	24V					
		BR631-0CW-028N	28V					
		BR631-0CW-036N	36V					
525nm Aqua Green SiC/GaN	310,312	BR631-0UG-014N	12/14V	1.2W to 2.0W	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°)
		BR631-0UG-024N	24V					
		BR631-0UG-028N	28V					
		BR631-0UG-036N	36V					
505nm Blue Green SiC/GaN	310,312	BR631-0AG-014N	12/14V	1.2W to 2.0W	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°)
		BR631-0AG-024N	24V					
		BR631-0AG-028N	28V					
		BR631-0AG-036N	36V					
470nm Super Blue SiC/GaN	310,312	BR631-0PB-014N	12/14V	1.2W to 2.0W	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°)
		BR631-0PB-024N	24V					
		BR631-0PB-028N	28V					
		BR631-0PB-036N	36V					
BR631-0PB-120AN	120VAC							

Viewing Angle:

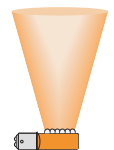
12° to 15°



Narrow Angle (N)

Optional Viewing Angles:

25° to 30°



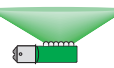
Standard Angle (S)

45° to 50°



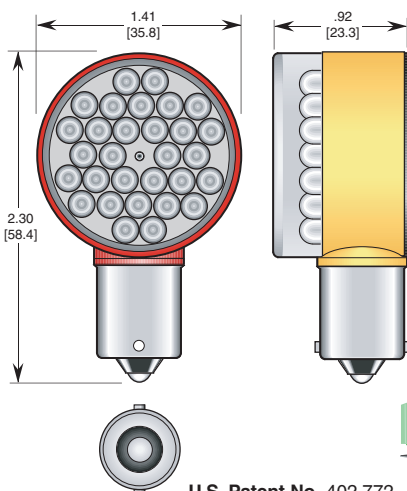
Medium Angle (M)

120° to 125°



Wide Angle (W)

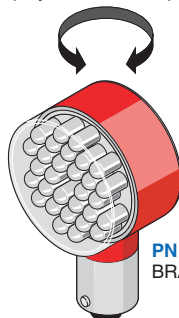
Dimensions



U.S. Patent No. 402,772

Options:

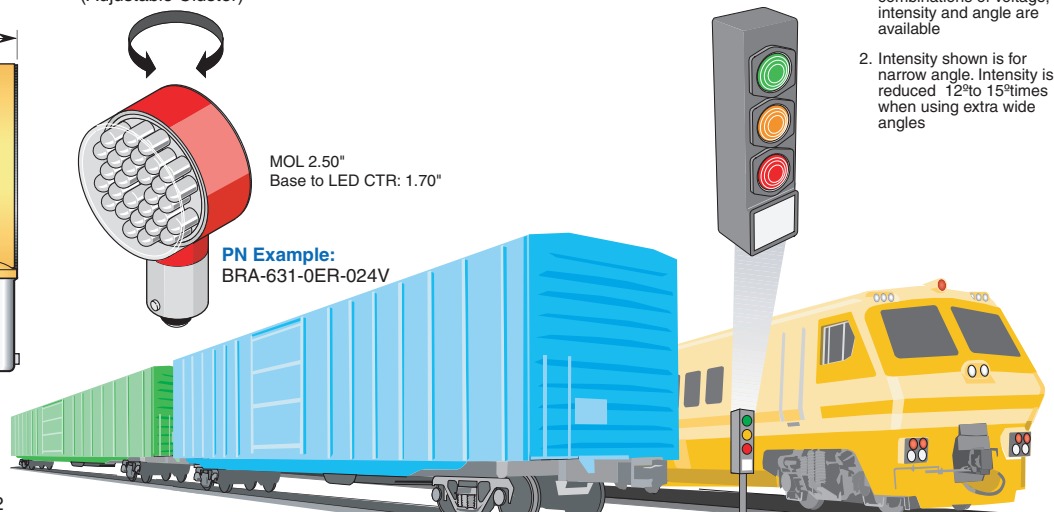
(Adjustable Cluster)



MOL 2.50°
Base to LED CTR: 1.70°

PN Example:
BRA-631-0ER-024V

Applications



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

Log # 123Ya Rev 12-2000