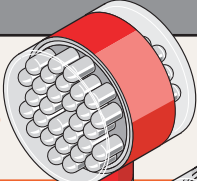
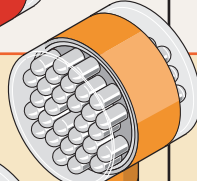
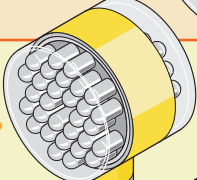
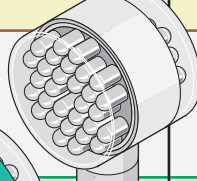
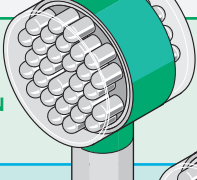
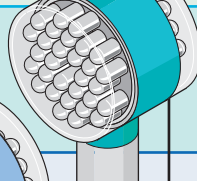
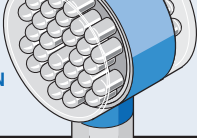
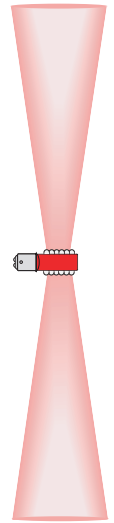




# 15mm Double Side Right Angle DC Bayonet Based LEDs

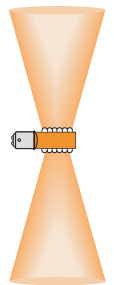
Packages	Replaces Incandescent	Part Number	Input Voltage	Power Watts (typ)	Intensity per LED $I_v$ mcd (typ)	$\lambda_p$ (nm)	View Angle 2 $\theta_{1/2}$	Special Features
<b>633nm Super Red InGaAlP</b> 	310,312	DBR632-0ER-014N	12/14V	1.2W to 2.0W	3500	630	12° to 15°	Replace N in part number with required viewing angle S - Standard (25° to 30°) M - Medium (45° to 50°) W - Wide (120° to 125°)
		DBR632-0ER-024N	24V					
		DBR632-0ER-028N	28V					
		DBR632-0ER-036N	36V					
		DBR632-0ER-120AN	120VAC					
<b>612nm Super Orange InGaAlP</b> 	310,312	DBR632-0UO-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°)
		DBR632-0UO-024N	24V					
		DBR632-0UO-028N	28V					
		DBR632-0UO-036N	36V					
		DBR632-0UO-120AN	120VAC					
<b>595nm Super Yellow InGaAlP</b> 	310,312	DBR632-0UY-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°)
		DBR632-0UY-024N	24V					
		DBR632-0UY-028N	28V					
		DBR632-0UY-036N	36V					
		DBR632-0UY-120AN	120VAC					
<b>8000K Cool White SiC/GaN</b> 	310,312	DBR632-0CW-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°)
		DBR632-0CW-024N	24V					
		DBR632-0CW-028N	28V					
		DBR632-0CW-036N	36V					
		DBR632-0CW-120AN	120VAC					
<b>525nm Aqua Green SiC/GaN</b> 	310,312	DBR632-0UG-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°)
		DBR632-0UG-024N	24V					
		DBR632-0UG-028N	28V					
		DBR632-0UG-036N	36V					
		DBR632-0UG-120AN	120VAC					
<b>505nm Blue Green SiC/GaN</b> 	310,312	DBR632-0AG-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°)
		DBR632-0AG-024N	24V					
		DBR632-0AG-028N	28V					
		DBR632-0AG-036N	36V					
		DBR632-0AG-120AN	120VAC					
<b>470nm Super Blue SiC/GaN</b> 	310,312	DBR632-0PB-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°)
		DBR632-0PB-024N	24V					
		DBR632-0PB-028N	28V					
		DBR632-0PB-036N	36V					
		DBR632-0PB-120AN	120VAC					

Viewing Angle: 12° to 15°

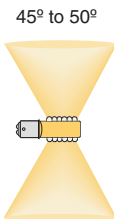


Narrow Angle (N)

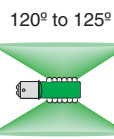
Optional Viewing Angles: 25° to 30°



Standard Angle (S)

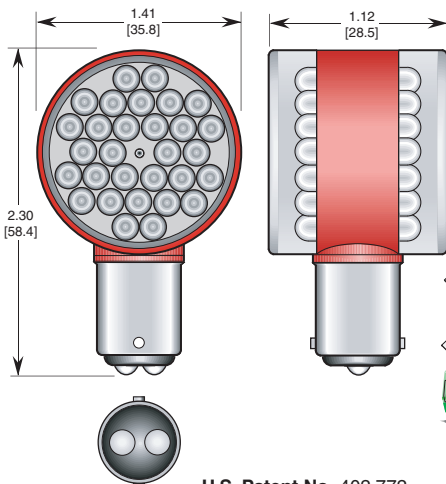


Medium Angle (M)



Wide Angle (W)

## Dimensions



U.S. Patent No. 402,772

## Applications



Log # 1233Z Rev 01-2001