



15mm Single-Side, Right-Angled DC 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 20,1,2	Optional Viewing Angles *
633nm Super Red InGaAlP 	310,312	DBR631-0ER-014N	12/14V	1.2 to 2.0	3500	633	12° to 15°	Replace N in part number with required viewing angle
		DBR631-0ER-024N	24V					S - Standard (20° to 30°)
		DBR631-0ER-028N	28V					M - Medium (50° to 60°)
		DBR631-0ER-036N	36V					W - Wide (120°)
612nm Super Orange InGaAlP 	310,312	DBR631-0UO-014N	12/14V	1.2 to 2.0	6500	612	12° to 15°	Replace N in part number with required viewing angle
		DBR631-0UO-024N	24V					S - Standard (20° to 30°)
		DBR631-0UO-028N	28V					M - Medium (50° to 60°)
		DBR631-0UO-036N	36V					W - Wide (120°)
595nm Super Yellow InGaAlP 	310,312	DBR631-0UY-014N	12/14V	1.2 to 2.0	5500	595	12° to 15°	Replace N in part number with required viewing angle
		DBR631-0UY-024N	24V					S - Standard (20° to 30°)
		DBR631-0UY-028N	28V					M - Medium (50° to 60°)
		DBR631-0UY-036N	36V					W - Wide (120°)
8000K Cool White SiC/GaN 	310,312	DBR631-0CW-014N	12/14V	1.2 to 2.0	6000	8000K	12° to 15°	Replace N in part number with required viewing angle
		DBR631-0CW-024N	24V					S - Standard (20° to 30°)
		DBR631-0CW-028N	28V					M - Medium (50° to 60°)
		DBR631-0CW-036N	36V					W - Wide (120°)
525nm Aqua Green SiC/GaN 	310,312	DBR631-0AG-014N	12/14V	1.2 to 2.0	10,000	525	12° to 15°	Replace N in part number with required viewing angle
		DBR631-0AG-024N	24V					S - Standard (20° to 30°)
		DBR631-0AG-028N	28V					M - Medium (50° to 60°)
		DBR631-0AG-036N	36V					W - Wide (120°)
505nm Blue Green SiC/GaN 	310,312	DBR631-0BG-014N	12/14V	1.2 to 2.0	2000	505	12° to 15°	Replace N in part number with required viewing angle
		DBR631-0BG-024N	24V					S - Standard (20° to 30°)
		DBR631-0BG-028N	28V					M - Medium (50° to 60°)
		DBR631-0BG-036N	36V					W - Wide (120°)
470nm Super Blue SiC/GaN 	310,312	DBR631-0PB-014N	12/14V	1.2 to 2.0	3000	470	12° to 15°	Replace N in part number with required viewing angle
		DBR631-0PB-024N	24V					S - Standard (20° to 30°)
		DBR631-0PB-028N	28V					M - Medium (50° to 60°)
		DBR631-0PB-036N	36V					W - Wide (120°)

Viewing Angle:

12° to 15°



Narrow Angle (N)

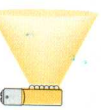
Optional Viewing Angles:

20° to 30°



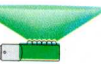
Standard Angle (S)

50° to 60°



Medium Angle (M)

120°

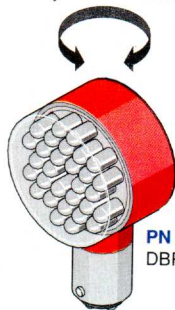


Wide Angle (W)

Custom Options:

(for qualified applications)

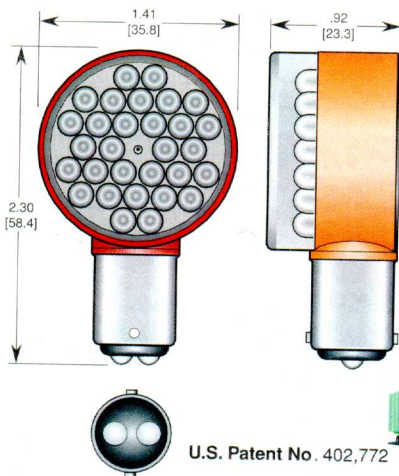
Adjustable Cluster



MOL 2.50"
Base to LED CTR: 1.70"

PN Example:
DBRA631-0ER-024N

Dimensions



Applications



*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

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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