



# Omnidirectional LED Miniature Bulbs

14 or 24 VAC/VDC – 9mm Ba9s Base – 160° Beam Angle – 3000K, 4000K & 5000K White



## FEATURES

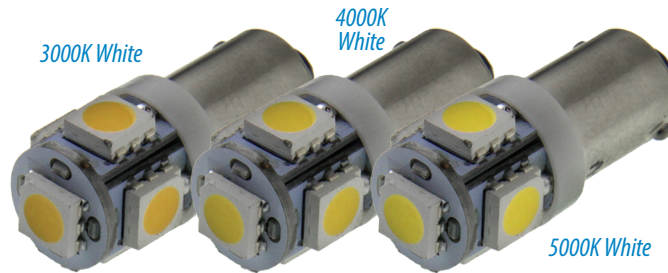
- 3 Year LEDtronics Warranty
- Direct Incandescent Replacement
- Low Power Consumption, Ultrabright Intensity
- Energy Savings up to 90%
- Lumen Maintenance over 70% @ 15,000 Hours
- Choice of Pure, Warm or Natural White
- Solid-State: High-Shock & Vibration Resistant
- No UV, No RF Interference, Minimal Heat
- Sunlight-Visible LEDs, Even Lighting

## APPLICATIONS

- Suitable for Enclosed Fixtures Where Temperatures Do Not Commonly Exceed the Recommended Operating Range
- Replaces Bayonet-Based Lamps Operating at 24VAC~24VDC within Its Dimensional Constraints
- Indicator Lights for Instrumentation
- Panel-Mount Pilot Lights
- Back Lighting & Signage
- Accent Lighting

Custom Preorder Available for Volume Orders and Qualified Applications

Over 35 Years of LEDtronics Design, Engineering & Manufacturing Experience



Replaces Incandescent Bulbs 24MB, 24RB, 1437, 1818 and W568



Ba9s Single-Contact Bayonet Base

B305SM-XIW-024V (Warm White)  
B305SM-XNW-024V (Natural White)  
B305SM-XPW-024V (Pure White)

	XIW		XNW		XPW	
	Warm White 3000K	24VDC	Natural White 4000K	24VDC	Pure White 5000K	24VDC
Emitted Color						
Color Temp.						
Input Voltage	24VAC	24VDC	24VAC	24VDC	24VAC	24VDC
Input Power	1.2 Watts	1.2 Watts	1.3 Watts	1.2 Watts	1.2 Watts	1.2 Watts
Input Current	0.052A	0.049A	0.054A	0.050A	0.052A	0.049A
Efficacy (lm/W)	35	41.6	43	53	46	53
Total Lumens	42 lm	50 lm	56 lm	63 lm	55 lm	63 lm
Max. Candela	1.9 cd	3.5 cd	2.4 cd	4.3 cd	2.4 cd	4.6 cd
SCP	3.31	3.96	4.46	4.99	4.35	4.98
Power Factor	0.92	-	1	-	0.92	-
CRI	-	-	75	-	-	-
Viewing Angle	160°					
Dimmability	Not Dimmable					
Operating Temp.	~-40°F to ~+212°F / ~-40°C to ~+100°C					
Base Type	Ba9s Single-Contact Bayonet					
Base Material	Nickel-Plated Brass					
Dimensions	L1.12 x W0.44 inch / L28.45 x W011.18 mm					
Weight	0.006 lb / 0.1 oz / 2.834 g					

## AVAILABLE OPTIONS

- Other Colors
- Other Voltages: 28VDC



**LEDTRONICS**  
America's Premium Brand LED Company™



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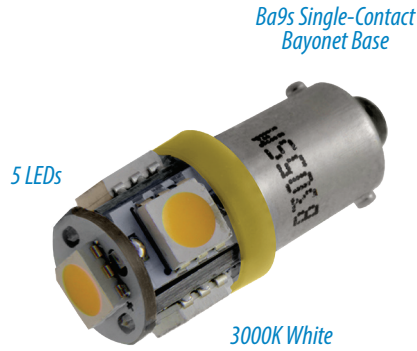
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### B305SM-XIW-014V

<b>Input Voltage</b>	14VAC	14VDC
<b>Input Power</b>	1.6 Watts	1.3 Watts
<b>Input Current</b>	0.119A	0.092A
<b>Efficacy (lm/W)</b>	70.56	82.85
<b>Total Lumens</b>	112.9 lm	107.7 lm
<b>Luminous Intensity</b>	1730 mcd	11580 mcd
<b>SCP</b>	8.98	8.57
<b>Emitted Color</b>	Warm White	
<b>Color Temp.</b>	3000K	
<b>Viewing Angle</b>	160°	
<b>Dimmability</b>	Not Dimmable	
<b>Operating Temp.</b>	~-40°F to ~+212°F / ~-40°C to ~+100°C	
<b>Base Type</b>	Ba9s Single-Contact Bayonet	
<b>Base Material</b>	Nickel-Plated Brass	
<b>Sleeve</b>	Polycarbonate / Yellow	
<b>Dimensions</b>	L1.10 x W0.45 inch / L27.9 x W11.4 mm	
<b>Weight</b>	0.0065 lb / 0.104 oz / 2.95 g	

