



Miniature Based LED Bulbs



Over 35 Years of LEDtronics Design, Engineering & Manufacturing Experience



FEATURES

- Direct Incandescent Replacement
- **Energy Savings** up to 90%
- **Long Lifespan:** White LED Lumen Maintenance Greater than 70% at 50,000 Hours of Operation / Colored LEDs Last Up to 100,000 Hours
- **Solid-State:** High Shock & Vibration Resistant
- 3 Year LEDtronics Warranty
- **RoHS Compliant** – No Toxic Metals

APPLICATIONS

- Elevators
- Motor Control Panels
- Industrial Controls
- Avionics & Utility Control Panels
- Theater & Auditorium Aisle & Exit Lighting
- Military/Aerospace & All General Indicators

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Midget Wedge Base Direct Incandescent Replacement Up to 90% Energy Savings - Long Life - No Heat

Wedge Base (T1½) - Single Chip Ultra Bright Series: WF150

Replaces Incandescent: 56, 79, 84, 86 (5V) 18, 37, 73, 74 (12/14V) 17, 85 (24/28V)
Std. Voltages: 24/28 VDC
Dimensions: 0.185" (4.69mm) Base OD, 0.80" (20.32mm) MOL
Colors: Warm White ● Cool White ● Red ● Yellow ● Green ● Blue ●



Wedge Base (T1¾) - Single Chip Ultra Bright Series: WF200

Replaces Incandescent: 56, 79, 84, 86 (5V) 18, 37, 73, 74 (12/14V) 17, 85 (24/28)
Std. Voltages: 14 VDC, 24VDC, 28VDC
Polarity: Positive (+)
Dimensions: 0.20" (5.08mm) Base OD, 0.80" (20.32mm) MOL
Colors: Warm White ● Cool White ● Red ● Yellow ● Green ● Blue ●



Wedge Base (T3¾) - Single Chip Ultra Bright Series: WF321

Replaces Incandescent: 5/6V, 159, 259, 555, 1995-7 12/14V, 124, 194, 658, 2080, 936 24V, 656, 657, 400, 464, 655 28V, 656, 657, 400, 464, 655
Std. Voltages: 12/14 VDC, 24/28VDC, 48VDC
Polarity: Positive (+)
Dimensions: 0.41" (10.41mm) Base OD, 0.91" (23.11mm) MOL
Colors: Cool White ● Red ● Green ●



Replaces Incandescent: 124, 194, 658, 2080, 936, 400, 464, 655, 656, 657, 159, 259, 280, 285, 447, 555, 909, 516-5X
Std. Voltages: 5/6VDC, 12/14 VDC, 24/28VDC
Dimensions: 0.41" (10.41mm) Base OD, 0.88" (22.2mm) MOL
Colors: Warm White ●



Sub-Miniature (T3.3) G4 Bi-Pin Base Direct Incandescent Replacement Up to 90% Energy Savings - Long Life - No Heat

Sub-Miniature (T3.3) - G4 Bi-Pin Series: LEDG4BP-1.5W

Replaces Incandescent: 773, 774, 783, 789, 790 & 891
Std. Voltages: 12/14VDC
Polarity: Bipolar DC (+/-)
Dimensions: 0.41" (10.3mm) Base OD, 1.28" (35.5mm) MOL
Colors: Warm White ● Natural White ●



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Sub-Midget Flange Base (T1¾)

Direct Incandescent Replacement
Up to 90% Energy Savings - Long Life - No Heat

Sub-Midget Flange Base (T1) - Single Chip Super Bright

Series: FF120

Replaces Incandescent: (5V) 682, 685, 714, 718, (18V) 7241, (24/28V) 6839
Voltages: 5 VDC, 24 VDC, 28 VDC, 28 VDC(-)
Std. Voltages: Positive (+) or Neg (-) Center Contact
Dimensions: 0.176" (4.47mm) Base OD, 0.41" (10.41mm) MOL
Colors: Cool White ○ Red ● Orange ● Yellow ● Green ●



Midget Flange & Groove Base (T1¾)

Direct Incandescent Replacement
Up to 90% Energy Savings - Long Life - No Heat

Midget Flange Base (T1¾) - Single Chip Super Bright

Series: FF200

Replaces Incandescent:
Std. Voltages: 6 VDC, 12/14 VDC, 12/14 VAC/VDC, 24 VDC, 24/28 VDC, 120 VAC
Polarity: Bipolar DC (+/-)
Dimensions: 0.29" (7.37mm) Base OD, 0.65" (16.5mm) MOL
Colors: Warm White ● Cool White ○ Red ● Orange ● Yellow ● Green ● Blue ●



Midget Flange Base (T1¾) - 6-Chips High Efficiency

Series: F206C

Replaces Incandescent: 328, 345, 350 (5/6V) 330, 382, 394 (12/14V) 24V; 327, 376, 387 (24/28V)
Std. Voltages: 5 VDC(+, -), 12VDC(+, -), 12/14 VDC(+/-) 24 VDC(+/-), 28 VDC(+/-), 120 VAC
Polarity: Bipolar DC (+/-) or Pos (+), Neg(-) Center Contact
Dimensions: 0.28" (7.11mm) Base OD, 0.63" (16.0mm) MOL
Colors: Ultra Lime White ● Pale Yellow White ○ Red ● Orange ● Yellow ● Green ●



Midget Flange Base (T1¾) - 6-Chips Ultra Bright

Series: F206

Replaces Incandescent: 328, 345, 350 (5/6V) 330, 382, 394 (12/14V) 24V, 327, 376, 387 (24/28V)
Std. Voltages: 24 VDC(+), 28 VDC(+)
Polarity: Positive (+) Center Contact
Dimensions: 0.28" (7.11mm) Base OD, 0.63" (16.0mm) MOL
Colors: Red ● Yellow ● Green ● Blue ●



Midget Flange Base (T1¾) - Single Chip Dome Lens

Series: F200L

Replaces Incandescent: Indicator or Pilot Light
Std. Voltages: 28 VDC
Polarity: Positive (+) Center Contact
Dimensions: 0.278" (7.06mm) Base OD, 0.53" (13.5mm) MOL
Colors: Warm White ● Cool White ○ Red ● Yellow ● Green ● Blue ●



Midget Groove Base (T1¾) - Single Chip Ultra Bright

Series: GF200

Replaces Incandescent: 337, 379, 398 (5/6V) 386 (12/14V) 334, 388 (24/28V)
Std. Voltages: 12/14 VDC, 28 VDC
Polarity: Bipolar DC (+/-) or Pos (+) Center Contact
Dimensions: 0.23" (5.84mm) Base OD, 0.69" (17.52mm) MOL
Colors: Warm White ● Cool White ○ Red ● Yellow ● Green ● Blue ●



Telephone Slide Base (T2)

Direct Incandescent Replacement
Up to 90% Energy Savings - Long Life - No Heat

Telephone Slide Base (T2) - Single Chip Ultra Bright

Series: 5SBF200

Replaces Incandescent: 6PSB(6V), 12PSB(12V), 24PSB(24V), 28PSB(28V), 120PSB(120V)
Std. Voltages: 24 VDC, 24/28 VDC, 120VAC
Polarity: Bipolar DC (+/-)
Dimensions: 0.24" (6.10mm) Base OD, 1.12" (28.44mm) MOL
Colors: Warm White ● Cool White ○ Red ● Orange ● Yellow ● Green ● Blue ●



Miniature Bayonet Base, Ba9s (T3¼) - Single LED

Series: BF321

Replaces Incandescent: 6MB, 44, 47, 755 (5/6V) 12MB, 756 (12/14V) 24MB (24V) 313, 757, 1819, 1829 (28V) 48MB (48V) 60MB, 1835 (60V) 120MB, NE51H (120VAC)
Std. Voltages: 6 VDC, 12/14 VDC, 24 VDC, 28 VDC, 120 VAC, 130VDC
Dimensions: 0.36" (9.14mm) Base OD, 1.19" (30.23mm) MOL
Optional Voltages: 6VAC, 11VAC, 48VDC, 60VDC, 135VAC, 240VAC
Colors: Warm White ● Cool White ● Red ● Orange ● Yellow ● Green ● Blue ●



Miniature Bayonet Base, Ba9s (T3¼) - 9mm Single Contact, Multi-Chip

BSF3126

Replaces Incandescent: 53, 182, 363, 1445, 51
Std. Voltages: 8VDC, 14VDC
Polarity: Bipolar DC (+/-)
Dimensions: Ø10.36 x 23.88mm
Color: Warm White ●



Miniature Bayonet Base, Ba9s (T3¼) - Single LED, Multi-Voltage, Smart Bulb

BSF321-SIW-6/48V

Replaces Incandescent: (5/6V) 6MB, 44, 47, 755; (12/14V) 12MB, 756; (24V) 24MB, 313, 757, 1819, 1829; (48V) 48MB
Std. Voltages: 6VDC~48VDC
Polarity: Bipolar DC (+/-)
Dimensions: 0.36" (9.14mm) Base OD, 0.92" (23.37mm) MOL
Color: Warm White ●



Miniature Bayonet Base, Ba9s (T3¼) - Single LED, Multi-Voltage, Smart Bulb

Series: B320

Replaces Incandescent: (5/6V) 6MB, 44, 47, 755, (12/14V) 12MB, 756, (24V) 24MB, 313, 757, 1819, 1829, (48V) 48MB
Std. Voltages: 6 to 48VDC - Multi Voltage 6VDC to 48VDC, 6VAC to 34VAC Smart Bulb
Polarity: Bipolar DC (+/-)
Dimensions: 0.36" (9.14mm) Base OD, 1.19" (30.23mm) MOL
Colors: Warm White ● True White ● Red ● Green ●



Miniature Bayonet Base, Ba9s (T3¼) - 6/7 LED Cluster, Ultra Bright

Series: BF3126/BF3127

Replaces Incandescent: 6MB, 44, 47, 755 (5/6V) 12MB, 756 (12/14V) 24MB (24V) 313, 757, 1819, 1829 (28V) 48MB (48V) 60MB, 1835 (60V) 120MB, NE51H (120VAC)
Std. Voltages: 6 VDC, 12/14 VDC, 24 VDC, 28 VDC, 120VAC, 130VDC
Polarity: Bipolar DC (+/-)
Dimensions: 0.36" (9.14mm) Base OD, 1.10" (27.94mm) MOL
Colors: Cool White ● Red ● Orange ● Yellow ● Green ● Blue ●



Miniature Bayonet Base, Ba9s (T3¼) - 6/7 LED Cluster, High-Efficiency

Series: B3126/B3127

Replaces Incandescent: (5/6V) 6MB, 44, 47, 755, (12/14V) 12MB, 756, (24V) 24MB, (28V) 313, 757, 1819, 1829, (48V) 48MB, (60V) 60MB, 1835, (120VAC) 120MB, NE51H
Std. Voltages: 6VAC, 14 VDC, 24VDC, 24VAC, 28VAC, 28VDC, 48VDC, 120 VAC, 130VDC
Polarity: Bipolar DC (+/-)
Dimensions: 0.36" (9.14mm) Base OD, 1.19" (30.23mm) MOL
Colors: Red ● Yellow ● Green ●



Miniature Bayonet Base, Ba9s (T4¾) - Multi-Chip, High-Efficiency, Ultra Bright

Series: BF304 (4 LED)

Replaces Incandescent: 6MB, 44, 47, 755 (5/6V) 12MB, 756 (12/14V) 24MB (24V) 313, 757, 1819, 1829 (28V) 48MB (48V) 60MB, 1835 (60V) 120MB, NE51H (120VAC)
Std. Voltages: 6 VDC, 12/14 VDC, 24 VDC, 28 VDC, 120 VAC, 130VDC
Polarity: Bipolar DC (+/-)
Dimensions: 0.36" (9.14mm) Base OD, 1.085" (27.56mm) MOL
Colors: Warm White ● Cool White ● Red ● Yellow ● Green ● Blue ●



Miniature E10 Screw Base

Direct Incandescent Replacement
Up to 90% Energy Savings - Long Life - No Heat

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E10 Miniature Base - T3¼ (9mm), Single-Chip

Series: SF321

Replaces Incandescent: 5/6V; 407, 502, 3708 12/14V; 3724, 1446 24V; 1449, 52

Std. Voltages: 6VDC, 12/14VDC, 24/28VDC, 6VAC, 120VAC

Polarity: Bipolar DC (+/-)

Dimensions: Ø9.91 x 26mm

Colors: Warm White ● Cool White ● Red ● Yellow ● Green ●



E10 Miniature Base - T3¼, 6 Cluster

Series: SSF3126

Replaces Incandescent: 1446, 1447, 1449, 1487, 50

Std. Voltages: 8VDC, 14VDC, 18VDC

Polarity: Bipolar DC (+/-)

Dimensions: Ø10.36 x 23.88mm

Color: Warm White ●



Candelabra E12 Screw Base

Direct Incandescent Replacement
Up to 90% Energy Savings - Long Life - No Heat

Candelabra E12 - S6, 4 Cluster, Short Body

Series: SF464

Replaces Incandescent: Low-Wattage Nightlights, Industrial Indicators, Pilot Lights

Std. Voltages: 24 VDC, 120 VAC

Polarity: Bipolar DC (+/-)

Dimensions: 0.46" (11.68mm) Base OD, 1.35" (34.3mm) MOL

Colors: Warm White ● Cool White ● Red ● Green ●



Candelabra E12 - S6, 4 Cluster, Long Body

Series: SLF464

Replaces Incandescent: Low-Wattage Nightlights, Industrial Indicators, Pilot Lights

Std. Voltages: 24VDC, 120VAC, 130VDC

Polarity: Bipolar DC (+/-)

Dimensions: 0.46" (11.7mm) Base OD, 1.88" (47.8mm) MOL

Colors: Warm White ● Cool White ● Red ● Green ●



Candelabra E12 - S6, 6/7 Cluster, Long Body

Series: SLF467

Replaces Incandescent: Low-Wattage Nightlights, Industrial Indicators, Pilot Lights

Std. Voltages: 24VDC, 120VAC, 130VDC

Polarity: Bipolar DC (+/-)

Dimensions: 0.46" (11.7mm) Base OD, 1.88" (47.8mm) MOL

Colors: Warm White ● Cool White ● Red ● Yellow ● Green ●



Candelabra E12 - S6, 7 Cluster, Long Body, UL Listed

Series: SLF467-UL

Replaces Incandescent: Low-Wattage Nightlights, Industrial Indicators, Pilot Lights

Std. Voltages: 120VAC

Dimensions: 0.46" (11.7mm) Base OD, 1.88" (47.8mm) MOL

Colors: Warm White ●

