



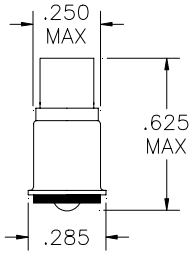
888.747.4533 Toll Free
 805.676.3200 Fax 805.676.3206
 www.SloanLED.com
 5725 Olivas Park Drive, Ventura, CA 93003

INCANDESCENT REPLACEMENT PRODUCTS

MODEL 510

T-1 3/4 MIDGET FLANGE LED

Voltages available range from 2.7 - 28 VDC. Please specify color when ordering. Insert 1 - Red, 2 - Green, 3 - Yellow 4 - Amber, 5 - Ultra Green, 6 - Ultra Blue, 7 - Pure White where "X" appears below.



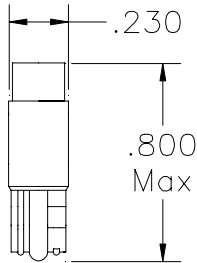
Voltage	Model No.
5vdc	510-5X
6vdc	510-6X
6.3vdc	510-603X
12vdc	510-12X
14vdc	510-14X
24vdc	510-24X

Direct replacement for the following incandescent lamps: 327, 328,330,338, 345, 349, 350, 370, 376, 377, 380, 381, 382, 385, 387, 394, 459, 3150, 7333, 7335, 7341 and 8918.

MODEL 513

T - 1 3/4 WEDGE BASE LED

Voltages available range from 5 - 28 VDC. Please specify color when ordering. Insert 1 - Red, 2 - Green, 3 - Yellow, 4 - Amber, 5 - Ultra Green, 6 - Ultra Blue or 7 - Pure White where "X" appears below.



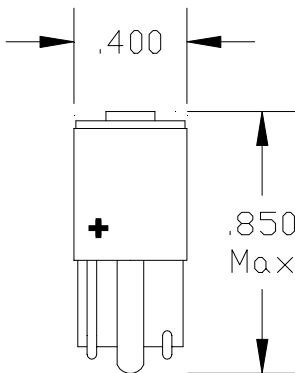
Voltage	Model No.
5vdc	513-5X
6.3vdc	513-603X
14vdc	513-14X
28vdc	513-28X

Direct replacement for the following incandescent lamps: 11, 17, 18, 37, 56, 73, 74, 79, 84, 85 and 86.

MODEL 516

T - 3 1/4 WEDGE BASE LED

Voltages available from 5 to 28VDC. This unit contains an Ultra Bright 5mm LED in the largest color selection available. Insert 1 - Red, 2 - Green, 3 - Yellow, 4 - Amber, 5 - Ultra Green, 6 - Ultra Blue, 7 - Pure White where "X" appears below.



Voltages	Model No.
5vdc	516-5X
6vdc	516-6X
7vdc	516-7X
12vdc	516-12X
14vdc	516-14X
24vdc	516-24X
28vdc	516-28X

Replaces the following incandescent lamps:
 124,147,152,158,159,161,168,184,190,192-194,259
 280,285,400,444,447,464,555,585,655,656,657,658,
 740,758,947,3-501,3-504,3-505,3-507

Unit available in both standard 160 degree viewing angle for switches and wide viewing applications and 30 degree for narrow viewing surfaces that require extra brightness. Please specify when ordering. Example: 516-127D for 12 VDC white LED for narrow ultra bright illumination

516-127 for 12 VDC white LED for wide bright illumination

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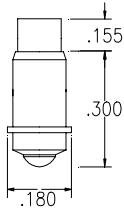


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INCANDESCENT REPLACEMENT PRODUCTS

MODEL 310

T - SUB-MIDGET FLANGE LED



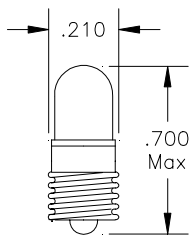
Available in Red, Green, Yellow, Amber, Ultra Bright Green, Ultra Bright Blue and Pure White. Voltages available range from 2 - 14 VDC. Please specify color when ordering; Insert 1 - Red 2 - Green, 3 - Yellow, 4 - Amber, 5 - Ultra Green, 6 - Ultra Blue, 7 - Pure White where "X" appears below.

<u>Voltage</u>	<u>Model No.</u>	
2vdc*	310-2X	Red, Green, Yellow and Amber Only
3vdc*	310-3X	Ultra Green, Ultra Blue and White Only
5vdc	310-5X	Red, Green, Yellow and Amber Only
12vdc	310-12X	Red, Green, Yellow and Amber Only

Direct replacement for the following incandescent lamps 679, 7229,7230,7231,682,714,718, 6180,7233,7236,7238,7250,8022,8605,32,22,8112,6839, etc. (*External resistor recommended)

MODEL 532

T - 1 3/4 MIDGET SCREW SINGLE CHIP LED



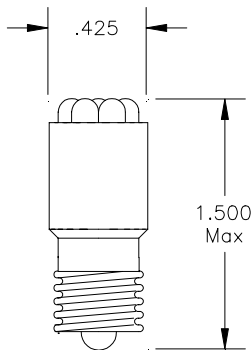
Available in Red, Green, Yellow, Amber, Ultra Bright Green, Ultra Bright Blue and Pure White. Voltages available range from 2 - 28 VDC. Please specify color when ordering. Insert 1 - Red 2 - Green, 3 - Yellow, 4 - Amber, 5 - Ultra Bright Green, 6 - Ultra Bright Blue and 7 - Pure White where "X" appears.

<u>Voltages</u>	<u>Model No.</u>	
2vdc*	532-2X	Red, Green Yellow and Amber only
5vdc	532-5X	
6vdc	532-6X	
14vdc	532-14X	
28vdc	532-28X	

Direct replacement for the following incandescent lamps: 335, 342, 369, 373, 378, 383, 399, 1768, 1775, 8362, 8369 and 8384 (*External resistor required)

MODEL 159

T - 3 1/4 MINI SCREW BASE CLUSTER LED



Available in Red, Green, Yellow, Amber, Ultra Bright Green, Ultra Bright Blue and Pure White. Voltages available range from 2 - 24 VDC and 5 - 120 VAC. Please specify color when ordering. Insert 1 - Red, 2 - Green 3 - Yellow, 4 - Amber, 5 - Ultra Green, 6 - Ultra Blue, 7 - Pure White where "X" appears below. Ultra Bright Blue, Ultra Bright Green and White are configured with a single 5mm LED only. All others are configured with a six T-1 LED cluster.

<u>Voltages</u>	<u>Pos. Ctr.</u>	<u>Neg. Ctr.</u>	<u>Dual Pol.</u>	<u>AC</u>
2vdc*	159-PC2X	159-NC2X	159-DP2X	
5vdc/vac	159-PC5X	159-NC5X	159-DP5X	159-AC5X
6vdc/vac	159-PC6X	159-NC6X	159-DP6X	159-AC6X
14vdc/vac	159-PC14X	159-NC14X	159-DP14X	159-AC14X
18vdc/vac	159-PC18X	159-NC18X	159-DP18X	159-AC18X
24vdc/vac	159-PC24X	159-NC24X	159-DP24X	159-AC24X
120vac				159-AC120X

Direct replacement for the following incandescent lamps: 13, 27, 31, 40, 46, 50, 52, 245, 432, 509K, 1446, 1447 and 1449.

*External resistor required - Available only in Red, Green, Yellow and Amber

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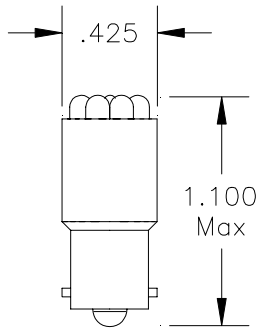


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INCANDESCENT REPLACEMENT PRODUCTS

MODEL 197

T - 3 ¼ MINIATURE BAYONET CLUSTER LED



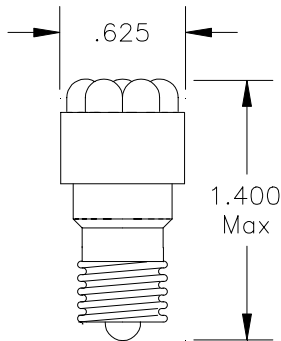
Voltages available from 5 - 48VDC and 5 - 120VAC. Please specify color when ordering. Insert 1 - Red, 2 - Green 3 - Yellow, 4 - Amber, 5 - Ultra Green, 6 - Ultra Blue, 7 - Pure White where "X" appears below. Ultra Bright Blue, Ultra Bright Green and White are configured with a single 5mm LED only. All others are configured with a six T-1 LED cluster.

Voltages	Pos. Ctr.	Neg. Ctr.	Dual Pol.	AC
5vdc/vac	197-PC5X	197-NC5X	197-DP5X	197-AC5X
14vdc/vac	197-PC14X	197-NC14X	197-DP14X	197-AC14X
24vdc/vac	197-PC24X	197-NC24X	197-DP24X	197-AC24X
28vdc/vac	197-PC28X	197-NC28X	197-DP28X	197-AC28X
48vdc/vac	197-PC48X	197-NC48X	197-DP48X	197-AC48X
120vac				197-AC120X

Direct replacement for the following incandescent lamps: 24MB, 28MB, 44, 47, 53, 60RB, 120MB, 194, 256, 313, 356, 363, 756, 757, 1445, 1450, 1495, 1813, 1815, 1816, 1818, 1819, 1820, 1829, 1850, 1855, 1864, 1866, 1891, 1892, 1893.

MODEL 160

T - 4 ½ CANDELABRA LED



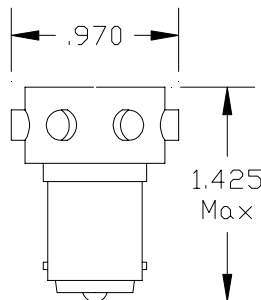
6S6 candelabra screw base LED light. Long life, low power replacement for incandescent lamps. Dual polarity works in both AC and DC applications. Comes with either 4 or 6 LED cluster. Insert 1 - Red, 2 - Green, 3 - Yellow, 4 - Amber, 5 - Ultra Green, 6 - Ultra Blue, 7 - Pure White where "X" appears. When ordering, indicate number of LED's after the model number, voltage and color.

Voltage	Model No.
12	160-12X
24	160-24X
28	160-28X
48	160-48X
60	160-60X
120	160-120X

Direct replacement for 3S6 and 6S6 lamps
How to Order: Model No.-Voltage-Color-Number of LED's
 Example: 160-121-6

MODEL 460

STACK LIGHT



This model is designed to replace incandescent lighting in Stack Lights. Reduce your energy and maintenance cost. Voltages available from 24 to 120 in AC or DC. With 360 degree viewing, these lights are available in all colors. Insert 1 - Red, 2 - Green, 3 - Yellow, 4 - Amber, 5 - Ultra Green, 6 - Ultra Blue, 7 - Pure White where "X" appears below.

Voltages	Model No.
24	460-24X
28	460-28X
60	460-60X
120	460-120X