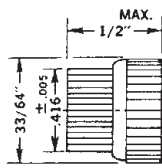


LAMP BASED – PANEL-MOUNT INDICATORS

250 SERIES CAPS FOR 507 SERIES CARTRIDGES

Features

- Can be used with any 250 series holder
- Short cylindrical
- Fresnel lens, plastic
- Unfrosted or transparent finish
- Black anodized metal finish



OIL-TIGHT INCANDESCENT INDICATORS

Materials and Finishes

- Mounting Bushing: aluminum, black anodized finish
- Internal-tooth lockwasher and mounting nut: Steel, cadmium plated with yellow iridescent chromate finish
- Terminals: Brass, hot tinned, with elongated slots
- Lens: High-impact plastic

Anti-rotation (locked) construction: Provides for secure locking of the socket terminal assembly in the mounting bushing and of the center terminal to the insulating disc. The notched mounting bushing receives the matched insulating disc to prevent the rotation of the mounting bushing. All are EDO Parts.

Mfg. Part No.	Color	Stock No.	Price Each		
			1-24	25-49	50-99
250-3331-500	Red	25F1523	10.560	9.490	8.150
250-3332-500	Green*	28F1805	6.340	5.700	4.890
250-3333-500	Amber	28F1806	10.560	9.490	8.150
250-3335-500	White	28F1807	10.210	9.180	7.880

*Not recommended for neon units. (2587)

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
367-8430-09-503	CAP AND BASE	94F1816	11.710	11.020

LENSES

Mfg. Part No.	Lens Style	Color	Stock No.	Price Each
				1-24
● 128-0931-003	Stovepipe - Non Diffusing	Red	94F1189	5.100
● 128-0934-003	Stovepipe - Non Diffusing	Blue	05B3612	12.800
● 128-0937-003	Stovepipe - Non Diffusing	Clear	61M2795	5.370
● 128-0971-003	Stovepipe - Translucent	Red	61M2796	5.370
● 128-0975-003	Stovepipe - Translucent	White	94F1191	5.940
160-0111-203	Convex Diffusing, Complete Blackout	Red	05B3690	24.940
160-0112-203	Convex Diffusing, Complete Blackout	Green	98F1517	25.250
160-0113-203	Convex Diffusing, Complete Blackout	Yellow	77C5927	25.250
160-0117-203	Convex Diffusing, Complete Blackout	Clear	05B3692	51.000
161-0111-203	Convex Diffusing, Semi-Blackout	Red	05B3693	32.160
161-0112-203	Convex Diffusing, Semi-Blackout	Green	05B3694	32.160
161-0113-203	Convex Diffusing, Semi-Blackout	Yellow	05B3695	38.380
161-0117-203	Convex Diffusing, Semi-Blackout	Clear	88F1530	35.880

(82373)

103 SERIES OILTIGHT BASES AND LENSES

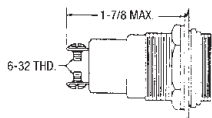


Fig. 1. Screw Terminal

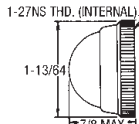


Fig. 2. Dome Lens

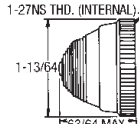


Fig. 3. Torpedo Lens

Oil-tight indicators are manufactured with a rubber gasket installed between the plastic lens and metal holder, as well as with a rubber O-ring which fits tightly on to a notch in the base. These make assembly virtually impervious to oil, water and dust. The lens holder is brass with either satin chrome or white nickel finish, and the base is white nickel-plated brass. 103 series base models can be used with either dome or torpedo lens. Torpedo faceted lens mfg. part no. 103-1331-403 also available. Order lamps separately; go online or call.

103 SERIES BASE - 1" MOUNTING HOLE, FIG. 1

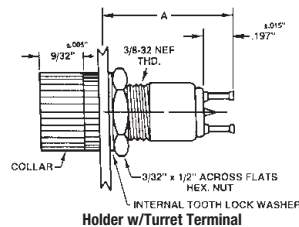
Mfg. Part No.	Lamp Type	Stock No.	Price Each		
			1-24	25-49	50-99
103-0901-05-103	S-6 Candelabra Base	57F3733	30.790	30.120	29.720
● 103-3101-05-103	S-6 Candelabra Base	45F590	27.180	26.590	26.230
103-3114-05-103	Neon Candelabra	45F607	54.150	52.970	52.270
103-3202-05-103	S-6 Double Contact Bayonet Base	65F1095	34.320	32.360	31.050
103-3502-05-103	S-6 Double Contact Bayonet Base	45F589	30.620	28.870	27.700

103 SERIES CAP - UNFROSTED

Mfg. Part No.	Color	Fig	Stock No.	Price Each		
				1-24	25-49	50-99
● 103-1231-403	Red	2	61M2789	13.570	12.790	12.280
● 103-1232-403	Green	2	61M2790	22.680	22.190	21.900
● 103-1233-403	Amber	2	61M2791	16.520	15.570	14.940
● 103-1235-403	White	2	61M2792	14.450	13.620	13.070
● 103-1237-403	Clear	2	61M2793	15.500	14.620	14.020
● 103-0531-403	Red	3	65F1099	11.400	11.150	11.000
● 103-0532-403	Green	3	65F1100	12.640	12.370	12.200
● 103-0533-403	Amber	3	65F1101	13.870	13.560	13.380
● 103-0535-403	White	3	61M2788	13.870	13.560	13.380
● 103-1331-403	Red	...	45F591	11.910	11.650	11.500
● 103-1332-403	Green	...	61M2794	13.610	13.320	13.140

(2674)

CARTRIDGE HOLDERS FOR 507 SERIES DATALAMPS



Holder w/Turret Terminal

Order 507 series datalamps, cartridge connectors, speed clips, and caps separately.

Mfg. Part No.	Terminal Type	Dimension A	Stock No.	Price Each		
				1-24	25-49	50-99
● 250-8738-14-504*	Turret	1.031" (26.19)	25F1485	12.340	11.120	9.560
250-8745-14-504*	Turret	1.125" (28.58)	25F1486	23.280	20.980	18.040
250-8758-33-504*	Turret	1.428" (36.27)	28F1801	36.770	33.140	28.490
● 508-7538-504	Solder Cup	0.891" (22.63)	25F1167	16.220	14.620	12.570
● 508-8738-504	Turret	0.891" (22.63)	70M8864	15.470	13.940	11.980
508-8745-504	Turret	0.984" (24.99)	25F1292	16.220	14.620	12.570

* Holder without collar. (2585)



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(148837)

LAMP BASED – PANEL-MOUNT INDICATORS

051 AND 080 SERIES SPLASH-PROOF INDICATORS, 1" MOUNTING HOLE

Uses S6 candelabra screw base incandescent, convex, torpedo lens style lamp. Watertight. 2 to 120V operation. **Mfg. part no. 051-3101-01-303** terminal: screw with protruding positions. **Mfg. part no. 080-0901-05-303** terminal: screw with side positions.



Dialight

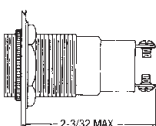


Fig. 1

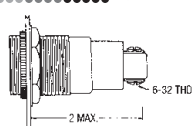


Fig. 2

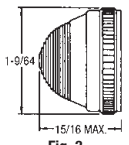


Fig. 3

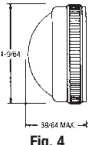


Fig. 4

051 AND 080 SERIES SOCKETS

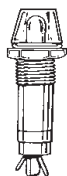
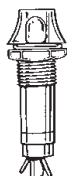
Mfg. Part No.	Fits Lens Fig.	Fig.	Stock No.	Price Each		
				1-24	25-49	50-99
051-3101-01-303	3	1	50F6068	40.510	36.510	31.390
080-0901-05-303	4	2	50F6069	46.020	41.480	35.650

051 AND 080 SERIES LENS CAPS

Mfg. Part No.	Color	Fig.	Stock No.	Price Each		
				1-24	25-49	50-99
● 080-0531-303	Red	3	50F6070	11.330	10.220	8.780
● 080-0532-303	Green	3	50F6071	12.080	10.880	9.360
● 080-0533-303	Amber	3	50F6072	15.380	13.860	11.920
● 080-0535-303	White	3	51M9269	15.380	13.860	11.920
● 080-0537-303	Clear	3	50F6074	13.450	12.120	10.420
● 080-0111-303	Red	4	50F6075	17.220	15.520	13.340
● 080-0112-303	Green	4	50F6076	17.220	15.520	13.340
● 080-0113-303	Amber	4	50F6077	17.220	15.520	13.340
● 080-0117-303	Clear	4	50F6079	17.220	15.520	13.340
● 080-1232-303	Green	4	05B3274	25.630	23.100	19.860

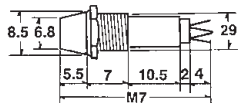
(2607)

150 AND 151 SERIES UNIVERSAL INDICATOR LIGHTS



Square Lens

Round Lens



- Versatile, High-Impact Plastic Units
- Provide Excellent Visibility

- Mounted in 0.281" (7.14mm) Hole
- Nut and Washer Supplied

Digits after dash in type number denote voltage.

INCANDESCENT LAMPS - ROUND

Mfg. Part No.	Lens	Stock No.	Price Each		
			1-24	25-49	50-99
● F151-24C	Clear	50F7397	7.150	6.680	6.600
● F151-12R	Red	23F5518	7.150	6.680	6.600
● F151-12G	Green	23F5520	7.150	6.680	6.600
● F151-24R	Red	23F5521	7.150	6.680	6.600
● F151-24A	Amber	23F5522	7.150	6.680	6.600
● F151-24G	Green	23F5523	7.150	6.680	6.600
● F151-12B	Blue	50F7394	7.150	6.680	6.600

LED LAMPS - ROUND

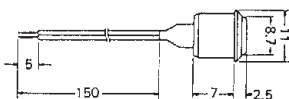
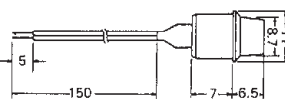
● L151-12R	Red	23F5542	9.420	8.790	8.690
● L151-24R	Red	23F5545	9.420	8.790	8.690
● L151-24G	Green	23F5546	11.080	10.350	10.230
● L151-24Y	Yellow	23F5547	11.080	10.350	10.230

NEON LAMPS*

Lens	Square Type	Stock No.	Round Type	Stock No.	Price Each		
					1-24	25-49	50-99
Red	● NR150-110R	23F5524	● NR151/110R	23F5527	12.630	11.790	11.660
Amber	● NR150-110A	23F5525	● NR151/110A	23F5528	11.080	10.350	10.230
Clear	...	...	● NR151/110C	23F5529	11.080	10.350	10.230
Green	● NR150-110G	50F7398	● NR151-110G	50F7403	11.080	10.350	10.230

* Also available in 220V; go online or call. (2502)

100 AND 101 SERIES MODULAR INDICATOR LIGHT ASSEMBLIES



- 100 and 101 Series Modular Lights
- Mounted with a Rubber Bushing
- Snap into a 9mm Diameter Panel Cutout

- No Nuts or Washers Required
- 6" (152.4mm) Wire Leads

A variety of light sources—incandescent, neon, green glow and LED—fit into the bushing. A complete color selection of lens assemblies are slipped in from the top. Lens assemblies may be mounted independently from light source and mated in the final assembly. Lens colors/light sources are interchangeable.

LAMP ASSEMBLIES

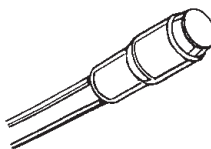
Mfg. Part No.	Description	Volts	mA	Avg. Life (Hrs.)	Stock No.	Price Each
						1-24
● F614	Incandescent	12-14	80	30,000	39F3526	9.420
● F628	Incandescent	24-28	40	30,000	39F3527	9.420
● N5115	Neon	100-120	1.5	10,000	39F3528	16.560
● G5115	Green Glow	100-120	1.5	10,000	39F3529	18.980

LENS/BUSHING ASSEMBLIES

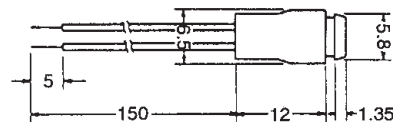
Flush Style Lens/100			Top Hat Style Lens/101			Price Each
Mfg. Part No.	Stock No.	Color	Mfg. Part No.	Stock No.	Color	
● 100-R	39F3531	Red	● 101-R	39F3537	Red	2.730
● 100-Y	39F3532	Yellow	● 101-Y	39F3538	Yellow	2.730
● 100-W	39F3535	White	● 101-W	39F3541	White	2.730
● 100-G	39F3533	Green	● 101-G	39F3539	Green	2.730
● 100-C	39F3536	Clear	● 101-C	39F3542	Clear	2.730
...	...	...	● 101-B	39F3540	Blue	2.730

(2518)

105 SERIES MODULAR INDICATOR LIGHT ASSEMBLIES



105 - Flush



- Modular Design Similar to 100 / 101 Series Assemblies, Only Smaller
- Lens Pressed into 5mm Hole in Front Panel
- No Nuts or Washers Required
- 6" (152.4mm) Wire Leads

Light sources include incandescent or neon, and a variety of lens colors are available.

LAMP ASSEMBLIES

Mfg. Part No.	Description	Volts	mA	Avg. Life (Hrs.)	Stock No.	Price Each
						1-24
● F305	Incandescent	4-6	60	50,000	35F3710	12.290
● F314	Incandescent	12-14	40	10,000	35F3711	12.290
● F328	Incandescent	24-28	24	10,000	35F3712	12.290
● N3115	Neon	100-120	1	10,000	35F3713	14.440

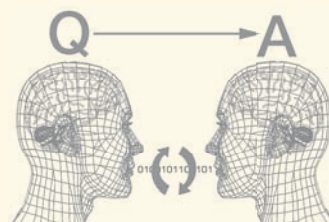
105 SERIES FLUSH STYLE LENS

Mfg. Part No.	Color	Stock No.	Price Each
			1-24
● 105-R	Red	35F3700	2.270
● 105-Y	Yellow	35F3701	2.270
● 105-W	White	35F3704	2.270

(2519)

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(148840)

LAMP BASED – PANEL-MOUNT INDICATORS

32 SERIES PRESSFIT INDICATORS FOR 1/2" PANEL MOUNTING HOLE



Features: Neon, Incandescent and LED indicators; choice of lens: flush, square, flat cylindrical or dome (hi-hat and square lens is available), 6" wire leads or 3/16" brass tab terminals (T). 32R Neon indicators supplied with current limiting resistors for 125V, 1/4W with 25,000-hour life. 28V=.04A with 7,000-hours life (32,000-hour life at 24V), 14V=0.10A with 10,000-hours life. 6V-.20A with 5,000-hours life. 32RG1 Series for 6V, 32RG3 Series for 14V and 32RG18 Series for 28V also available. Other colors and voltages are available; go online or call. UL listed, CSA certified.

125V NEON INDICATORS WITH DOME LENS AND BEZEL

Mfg. Part No.	Lens Color	Stock No.	Price Each	
			1-24	25-49
32R-2211	Red	94F5487	4.770	4.120
32R-2212	Green	16F743	5.330	4.600
32R-2213	Amber	16F744	5.330	4.600
32R-2211T	Red	94F5488	5.810	5.020
32R-2212T	Green	16F745	5.810	5.020
32-2211T	Red	60F1278	9.090	7.850
32-2215	White	60F1277	8.620	7.440

125V NEON INDICATORS WITH FLAT CYLINDRICAL LENS AND BEZEL

32R-2111	Red	25F1331	5.330	4.600
32R-2112	Green	94F5485	5.650	4.880
32R-2113	Amber	16F742	5.330	4.600
32R-2115	White	16F777	5.930	5.120
32R-2111T	Red	25F1333	4.900	4.230
32R-2112T	Green	94F5486	5.810	5.020

125V NEON INDICATORS WITH FLAT CYLINDRICAL LENS AND NO BEZEL

32-2112	Green	70B5265	16.330	14.100
32-2117T	Clear	25F1381	12.610	10.890

125V NEON INDICATORS WITH FLUSH LENS AND BEZEL

32R-2311	Red	16F746	9.380	8.090
32R-2312	Green	16F747	5.650	4.880
32R-2313	Amber	16F748	9.380	8.090
32R-2311T	Red	94F5240	13.340	11.510
32R-2312T	Green	16F749	13.340	11.510

FLAT CYLINDRICAL LENS WITH CHROME BEZEL

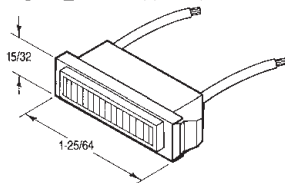
Mfg. Part No.	Lens	Volt	Stock No.	Price Each	
				1-24	25-49
32RG3-2113T	Amber	14	60F1487	13.110	11.320

(2516)

31 SERIES RECTANGULAR NEON INDICATORS FOR 1.281" x .395" MOUNTING HOLE



31 series single indicator units have chrome-plated bezels, snap-fit in panel thickness to 0.090"; rated 125V, 1/4W, 25,000 hour life. UL listed, CSA certified. 6V, 14V, 28V, and 250V units, amber, blue and clear colors, and wire leads and 3/16" tab terminals also available; go online or call.



NEON LAMP AND 0.25" TAB TERMINALS

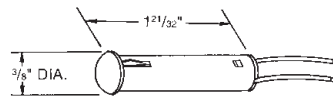
Mfg. Part No.	Lens Color	Voltage	Stock No.	Price Each	
				1-24	25-49
31-2111T	Red	125 V	25F1395	10.810	9.760
31-2112T	Green	125 V	16F787	12.940	11.680
31-2115T	White	125 V	25F1398	9.150	8.160

INCANDESCENT LAMP AND 0.25" TAB TERMINAL

31G18-2111T	Red	28 V	98F878	16.330	11.220
31G18-2112T	Green	28 V	94F5471	16.330	11.220
31G18-2115T	White	28 V	25F1330	22.650	15.560

(2622)

39 SERIES NEON INDICATORS FOR 5/16" MOUNTING HOLE



39 Series indicators feature 1-piece housing with snap-fit mounting ears; semi-dome lens; panel range: .020" - .060" maximum. 6" wire leads, stripped 1/2" or 3/16" O.C. tab terminals. Suffix "T" in mfg. part no. denotes 3/16" terminals. Neon indicators feature current-limiting resistors for 125V and 250V, and 1/4W with 25,000-hour life. 6V, 14V, and 28V incandescent and LED units are available; go online or call.

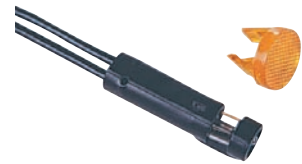
Mfg. Part No.	Lens Color	Volts	Stock No.	Price Each	
				1-24	25-99
39-0382	Green	125	16F782	7.910	6.000
39-0381T	Red	125	16F783	7.060	5.400
39H-0382	Green	250	16F725	9.530	7.230

(2656)

REAR PANEL MOUNTING



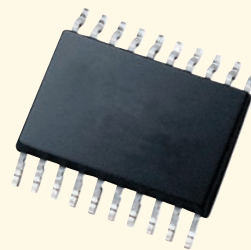
A neon indicator requiring only 9mm clearance behind the panel. The indicator is rear panel mounting and snaps into the lens making a simple and secure mounting. An appropriate resistor is incorporated in the body molding. Termination 200mm PVC flexible leads. Length (excluding leads): 31mm. Lens: 2.5 x 12mm dia. Panel cutout: 9.5mm dia. Panel thickness: 2mm max.



Mfg. Part No.	Color	Stock No.	Price Each	
			1-99	1-99
● 3151-81-02A	Red	93K3661	1.620	1.620
● 3151-81-05A	Green	93K3663	1.650	1.650
● 3151-81-03A	Amber	93K3662	1.620	1.620

(116542)

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(148844)

LAMP SELECTION CHART

BULB TYPES

Bulbs and Bases



A-Standard



B-Arbitrary Design



C-Candelabra



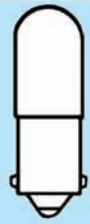
G-Globe Shape



R-Arbitrary Design



S-Straight Side

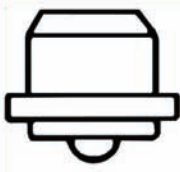


T-Tubular

BASE TYPES

Bases provide electrical contact to the lamp and, in most cases, also support the lamp in the fixture. For miniature and subminiature lamps, bayonet or wedge base types are generally preferred over screw types when vibration is present. In addition, wedge bases reduce socket size and complexity.

4



Sub-Midget Flanged



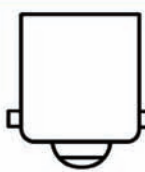
S.C. Midget Flanged



Midget Screw



Midget Grooved



S.C. Bayonet



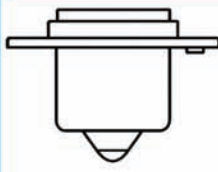
D.C. Bayonet



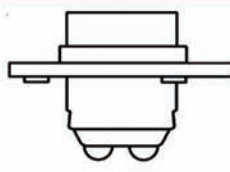
Candelabra Screw



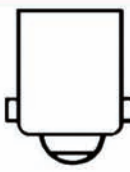
Miniature Screw



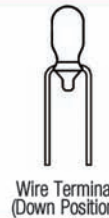
S.C. Prefocus



D.C. Prefocus



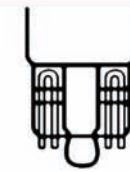
Miniature Bayonet



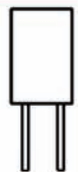
Wire Terminal (Down Position)



Telephone Slide



Wedge



2-pin



Fig.1 B-Bulb, S.C. Miniature Flanged Base



Fig.2 T-Bulb, Wire Terminal Base



Fig.3 T-Bulb, Midget or Miniature Screw Base



Fig.4 G-Bulb, Midget or Miniature Screw Base



Fig.5 T-Bulb, Midget or Sub-Midget Flanged Base



Fig.6 T-Bulb, Wedge Base



Fig.7 T-Bulb, Miniature Bayonet Base



Fig.8 G-Bulb, Miniature Bayonet Base



Fig.9 GTL-Bulb, Miniature Screw Base



Fig.10 T-Bulb, Midget Grooved Base



Fig.11 R-Bulb, S.C. Bayonet Base



Fig.12 S-Bulb, S.C. Bayonet Base



Fig.13 G-Bulb, D.C. Bayonet Base



Fig.14 T-Bulb, Miniature Screw Base



Fig.15 T-Bulb, Midget Flanged Base



Fig.16 S-Bulb, D.C. Prefocus Base



Fig.17 T-Bulb, 2-Pin Base



Fig.18 T-Bulb, Wire Terminal Base



Fig.19 S-Bulb, Candelabra Screw Base



Fig.20 S-Bulb, S.C. Bayonet Base



Fig.21 R-Bulb, S.C. Bayonet Base



Fig.22 B-Bulb, S.C. Miniature Flanged Base



Fig.23 T-Bulb, Miniature Bayonet Base



Fig.24 S-Bulb, D.C. Bayonet Base



Fig.25 T-Bulb, Telephone Slide Base No.5



Fig.26 T-Bulb, Telephone Slide Base No.6



Fig.27 T-Bulb, Telephone Slide Base No.3



Fig.28 T-Bulb (Neon), Side Wire Terminals



Fig.29 T-Bulb, Telephone Slide Base No.5



Fig.30 T-Bulb, Telephone Slide Base No.3



Fig.31 Annunciator Lamp, Miniature Bayonet Base



Fig.32 Annunciator Lamp, Candelabra Screw Base



Fig.33 G-Bulb, Miniature 2-Pin Base



Fig.34* C-Bulb, Candelabra Screw Base



Fig.35* S-Bulb, Intermediate Screw Base



Fig.36 T-Bulb, Rigid Loops/End Cap



Fig.37 T-Bulb, Wedge Base



Fig.38 T-Bulb, 2-Pin Base



Fig.39* T-Bulb, S.C. Bayonet Base



Fig.40* T-Bulb, Miniature Bayonet Base

* Contact Your Local Newark Sales Office for Information on this Item.

(75639)

LAMPS

RADION™ BRAND INCANDESCENT LAMPS (CONT.)

BULB TYPE T 3-1/4

Mfg. Part No.	Base	Volts	Amps	MSCP	Avg. Life Hrs.	Stock No.	Price Each
● 1828	Miniature Bayonet	37.5	0.05	0.65	3000	53M5059	11.600
● 1829	Miniature Bayonet	28	0.07	1	1000	50N8145	7.120
● 1835	Miniature Bayonet	55	0.05	1.1	5000	50N8146	11.480
● 1847	Miniature Bayonet	6.3	0.15	0.38	5000	50N8147	7.640
● 1850	Miniature Bayonet	5	0.09	0.25	1500	50N8148	5.900
● 1864	Miniature Bayonet	28	0.17	3	1500	50N8149	7.350
● 1866	Miniature Bayonet	6.3	0.25	0.65	5000	50N8150	7.330
● 1893	Miniature Bayonet	14	0.33	2	7500	50N8153	4.340

BULB TYPE T-3/4

● 2	Wire Leads	5	0.02	0.03	10000	10R6574	11.610
● 6833	Wire Leads	5	0.06	0.05	25000	50N8159	15.380

BULB TYPE T-5

● 912	Wedge	12.8	1	12	1000	12P6324	5.130
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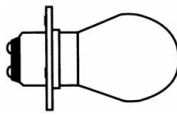
BULB TYPE TL-3

● 222	Mini Screw	2.25	0.25	...	5	50N8077	7.010
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(2582)

4

MICROSCOPE LAMPS



RoHS Compliant Available

For base illustrations; go online or call.

Mfg. Part No.	Amps (Watts)	Width (Max.)	Length (Max.)	Base	Stock No.	Price Each
● 1460X	2.75	26.5mm	50mm	D.C. Prefocus	53M5053	13.310
● 1630	2.75	26.5mm	50mm	D.C. Prefocus	50N8131	13.010

(13436)

MBC/MCC (BA9s) 10mm, T31/4 LAMPS



RoHS Compliant Available

Neon lamps with integral resistor. These capped neons have a white body with a clear lens.

SPECIFICATIONS

Mfg. Part No.	Color	Voltage (V)
● MC09321150	Amber-Red	100-120
● MC09322250	Amber-Red	220-250
● MC09322750	Green	200-250

ORDER MULTIPLES = 5

Mfg. Part No.	Stock No.	Price Each
● MC09321150	26M1316	0.849
● MC09322250	26M1317	1.080
● MC09322750	26M1318	1.470

(118416)

NEON GLOW LAMPS

RoHS Compliant Available

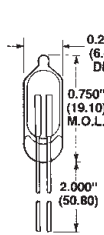


Fig. 1 Wire Leads

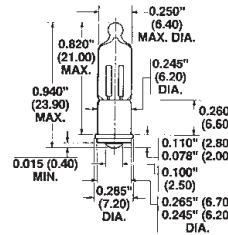


Fig. 2 Midget Flange Base

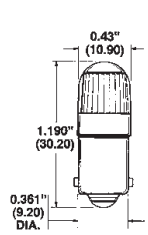


Fig. 3 Min. Bayonet Base

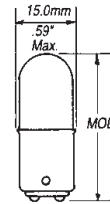


Fig. 4 D.C. Bayonet

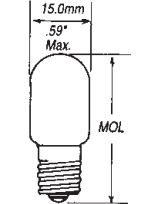


Fig. 5 Candelabra Screw

Neon glow lamps are used for indicators and circuit control applications. Two closely spaced electrodes cause neon gas to ionize and glow when voltage is applied. Since they have no filament, lamps withstand considerable shock vibration. Neon lamps are ideal for line-voltage AC as well as for 90V and up DC applications. They are rugged and long-lived; properly specified neon lamps will outlast the equipment in which they are incorporated. Neon lamps have tinned leads, and are ideal for use on printed circuit boards. External resistors not included except resistor included in base. Current voltage: 120 except (+) 105-125. Sold in packages of 10.

FIG. 1

Mfg. Part No.	Bulb Type	Max. Overall Length	Current (mA)	Max. Break-down Volts		Average Life Hours	Series Resistor	Stock No.	Price Per Pkg.
				AC	DC				1-24
● A1A(NE-2)	T-2	1.000"	0.7	65	90	25,000	100K	61M2935	5.890
● A1C	T-2	1.000"	1/2	95	135	25,000	47K	25F811	0.365
● A9A(NE-2E)	T-2	1.000"	0.7	65	90	25,000	100K	12P6270	1.930

FIG. 2

● C7A(NE-2D)	T-2	0.940"	0.7	65	90	25,000	100K	61M2940	18.980
● C9A	T-2	0.940"	1/4	95	135	25,000	30K	61M2941	15.020

FIG. 3

● B1A(NE-51)	T-3/4	1.186"	0.3	65	90	15,000	220K	61M2936	9.460
● B1A-R (NE-51R)	T-3/4	1.186"	0.3	65	90	15,000	150K*	61M2937	16.600
● B2A(NE-51H)	T-3/4	1.186"	1.2	95	135	20,000	47K	61M2938	9.700

FIG. 4

B9A(NE48)+	T-4/4	1.500"	2.0	65	90	7,500	30K	16N7495	60.940
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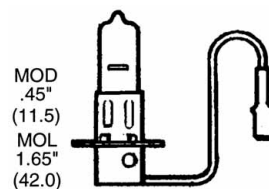
FIG. 5

● B7A(NE45)+	T-4/4	1.540"	2.0	65	90	5,000	None *	61M2939	59.440
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*30K ohm resistor built in base.

(2625)

VEHICLE/MEDICAL LAMPS



RoHS Compliant Available

Mfg. Part No.	Volts	Watts	Avg. Life (Hrs.)	Description	Stock No.	Price Each
● 01006	6.0	55	150	H3-Type	92N5693	3.790
● 01007	12.0	55	225	H3-Type	92N5694	7.870
● 01008	24.0	70	225	H3-Type	92N5695	7.870

(13440)

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(148890)

TRUE 360™ MINIATURE LEDs



TRUE 360™ MINIATURE LEDs (CONT.)



Features and Benefits:

- Major reduction in heat generation
- Shatter resistant plastic envelope
- AC-DC bi-polar design
- Low maintenance/labor savings
- True 360° viewing angle
- Long life: 100,000 hours
- Solid state, high shock/vibration resistant

T-1 3/4, WEDGE BASE, 6.3V

Mfg. Part No.	Color	Wave-length (nm)	Luminous Flux (Lumens)	Can replace these bulbs	Stock No.	Price Each
LM0506WB-A	Amber	590	1	56,79,86	85K8114	5.050
LM0506WB-B	Blue	470	0.5		85K8115	5.630
LM0506WB-G	Green	525	2		85K8116	5.630
LM0506WB-R	Red	625	1.5		85K8117	5.050
LM0506WB-W	White	...	0.55		85K8118	5.630
LM0506WB-WW	Warm White	...	0.55		85K8119	5.630

T-1 3/4, WEDGE BASE, 12V

Mfg. Part No.	Color	Wave-length (nm)	Luminous Flux (Lumens)	Can replace these bulbs	Stock No.	Price Each
LM0512WB-A	Amber	590	1	18,37,73,74	85K8120	5.050
LM0512WB-B	Blue	470	0.5		85K8121	5.630
LM0512WB-G	Green	525	2		85K8122	5.630
LM0512WB-R	Red	625	1.5		85K8123	5.050
LM0512WB-W	White	...	0.55		85K8124	5.630
LM0512WB-WW	Warm White	...	0.55		85K8125	5.630

T-3 1/4, MINIATURE SCREW BASE, 6.3V

Mfg. Part No.	Color	Wave-length (nm)	Luminous Flux (Lumens)	Can replace these bulbs	Stock No.	Price Each
LM1006MS-A	Amber	590	2.8	40,46,50,133,134,401,438,502,1482	85K8132	8.270
LM1006MS-B	Blue	470	1.3		85K8133	13.430
LM1006MS-G	Green	525	6.3		85K8134	13.430
LM1006MS-R	Red	625	3.8		85K8135	8.270
LM1006MS-W	White	...	3.1		85K8136	13.430
LM1006MS-WW	Warm White	...	0.45		85K8137	13.430

T-3 1/4, WEDGE BASE, 12V

Mfg. Part No.	Color	Wave-length (nm)	Luminous Flux (Lumens)	Can replace these bulbs	Stock No.	Price Each
LM1012WB-A	Amber	590	2.8	158,159,161,168,184,193,194,658	85K8156	8.270
LM1012WB-B	Blue	470	1.3		85K8157	13.430
LM1012WB-G	Green	525	6.3		85K8158	13.430
LM1012WB-R	Red	625	3.8		85K8159	8.270
LM1012WB-W	White	...	3.1		85K8160	13.430
LM1012WB-WW	Warm White	...	0.45		85K8161	13.430

T-3 1/4, MINIATURE BAYONET BASE, 12V

Mfg. Part No.	Color	Wave-length (nm)	Luminous Flux (Lumens)	Can replace these bulbs	Stock No.	Price Each
LM1012MB-A	Amber	590	2.8	53,57,182,293,756,1445,1488,1815,1816,1889,1891,1893,1895	85K8144	8.270
LM1012MB-B	Blue	470	1.3		85K8145	13.430
LM1012MB-G	Green	525	6.3		85K8146	13.430
LM1012MB-R	Red	625	3.8		85K8147	8.270
LM1012MB-W	White	...	3.1		85K8148	13.430
LM1012MB-WW	Warm White	...	0.45		85K8149	13.430

T-3 1/4, MINIATURE BAYONET BASE, 24V

Mfg. Part No.	Color	Wave-length (nm)	Luminous Flux (Lumens)	Can replace these bulbs	Stock No.	Price Each
LM1024MB-A	Amber	590	2.8	313,757,1818,1819,1820,1829,1843,1864,1873,1437,1450,1484	85K8174	8.270
LM1024MB-B	Blue	470	1.3		85K8175	13.430
LM1024MB-G	Green	525	6.3		85K8176	13.430
LM1024MB-R	Red	625	3.8		85K8177	8.270
LM1024MB-W	White	...	3.1		85K8178	13.430
LM1024MB-WW	Warm White	...	0.45		85K8179	13.430

T-3 1/4, MINIATURE SCREW BASE, 24V

Mfg. Part No.	Color	Wave-length (nm)	Luminous Flux (Lumens)	Can replace these bulbs	Stock No.	Price Each
LM1024MS-A	Amber	590	1.85	1448,1821	85K8180	8.270
LM1024MS-B	Blue	470	0.88		85K8181	13.430
LM1024MS-G	Green	525	3.85		85K8182	13.430
LM1024MS-R	Red	629	3.8		85K8183	8.270
LM1024MS-W	White	...	3.1		85K8184	13.430
LM1024MS-WW	Warm White	...	2.5		85K8185	13.430

▶ CONTINUED ▶

▶ CONTINUED ▶

LED REPLACEMENTS

BASED LEDS - T-1 3/4 THROUGH T-3 1/4 (CONT.)

T 3-1/4 WEDGE BASE LEDS - FIGURE 3

Mfg. Part No.	Color	Voltage Rating (VDC)	Current AC/DC (mA)	Typical Intensity (mcd)	Stock No.	Price Each	
						1-9	10-99
● 1511B45U3	Yellow	28	14	280	93K6658	7.660	6.640
● 1511B45W3	White Clear	28	14	700	93K6659	10.190	8.840

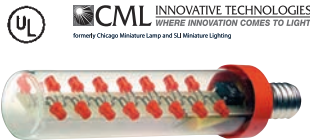
T10 BA9 STYLE SINGLE CONTACT BAYONET BASE - FIGURE 4

● 18602252	Yellow	12	15	300	93K6687	8.030	6.960
● 18602257	Blue	12	15	400	35C0090	9.950	8.630
● 1860235W3	White	24	15	750	93K6688	9.950	8.630
● 1860235W3D	White	24	15	750	50H7189	9.950	8.630
● 18602350	Red	24	15	350	93K6689	7.260	6.300
● 18602351	Green	24	15	1000	93K6690	9.950	8.630
● 18602352	Yellow	24	15	400	93K6691	8.030	6.960
● 18602357	Blue	24	15	300	93K6692	9.950	8.630
● 1860245W3	White	24	15	750	93K6693	9.950	8.630
● 18602450	Red	28	15	350	93K6694	7.260	6.300
● 18602451	Green	28	15	1000	93K6695	9.950	8.630
● 18602452	Yellow	28	15	300	93K6696	8.030	6.960
● 18602457	Blue	28	15	400	93K6697	9.950	8.630
● 1860613W3D	White	130 VAC	5	250	82H9458	13.260	11.500

(69151)

MULTIPLE LED EXIT SIGN REPLACEMENT LAMPS

Ideal for exit signs as well as other commercial lighting applications. These replacement bulbs are long-lasting and are a high-performance alternative to incandescent lamps. Solid-state electronics minimize the detrimental effects of vibration, temperature swings, and power surges. Uniform lighting eliminates hot spots and distortion. Low power consumption reduces energy costs and maintenance. UL listed.



Mfg. Part No.	Lamp Assembly	Stock No.	Price Each
			1-24
2410D41-A	20-LED Intermediate	95B9466	15.680
2410D42-A	20-LED Bayonet	95B9469	15.680
2410D43-A	16-LED Candelabra	95B9474	15.680

(55570)

586 SERIES BASED LED LAMPS



Dialight

- LEDs Feature 100,000 Life Hours
- Highly Reliable, Shock and Vibration Resistant
- Uses up to 90% less energy than incandescent lamps

Dialight's 586 series based LED lamps are designed to directly replace many subminiature and miniature incandescent lamps. The benefits of LED technology over incandescent are significant.

T1-3/4 SINGLE CHIP LED

Mfg. Part No.	Color	Base Type	Wave-length (nm)	Voltage (V)	Current (mA)	Intensity Typ. (mcd)	Stock No.	Price Each
								1-24
● 586-1101-105F	Red	Midget Flanged	639	28	10	775	33M4494	3.160
● 586-1106-105F	White	Midget Flanged	...	28	10	460	33M4502	5.030
● 586-2402-205F	Green	Mini-Bayonet	525	28	7.5	825	20M6818	6.550
● 586-2406-203F	White	Mini-Bayonet	...	14	15	825	33M4606	6.550
● 586-2406-205F	White	Mini-Bayonet	...	28	7.5	412	33M4607	6.550

T3-1/4 CLUSTER LED

Mfg. Part No.	Color	Base Type	Wave-length (nm)	Voltage (V)	Current (mA)	Intensity Typ. (mcd)	Stock No.	Price Each
								1-24
586-6406-205	White	Miniature Bayonet	...	28	11	4000	82K1670	18.030

(97802)



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(148881)

SINGLE BASED CHIP LED

Dialight



Features:

- Easy installation
- Super bright single chip design
- AllnGaP and InGaN technology
- High brightness with low current draw - uses up to 90% less energy than an incandescent
- Long life - typically 100K hours
- No heat generated
- Resistant to shock and vibration
- Integral resistor

Mfg. Part No.	Color	Nom. Voltage (V)	I _F (TYP.-mA)	Intensity (TYP.-mcd)	Stock No.	Price Each
						1-24
586-3501-204	Red	24	25	600	95B9116	9.270
586-3502-204	Green	24	25	5000	95B9117	10.960
586-3503-204	Yellow	24	25	1700	95B9118	6.710
586-3505-204	Blue	24	25	1500	73H5055	12.900
586-3506-204	White	24	25	5600	73H5056	11.050

(78452)

HL SERIES RETROFIT LED UNITS



Dialight

Features

- Operating life typically 50,000 hours
- Intense colours with greater depth
- Dimensionally similar to MR16 halogen lamp
- Cool beam - safe to touch
- No ultraviolet radiation
- Monoblock optic for easy beam angle selection
- Die cast heat sink assembly
- Energy efficient



The HL series consists of modules designed to fit within standard MR11 and MR16 housings, providing a quick path from light engine to finished fixture. They come supplied with the option of selecting either spot or wide angle illuminations by simply adding or removing a snap-on front lens. Provided with on-board power control circuitry, the modules also have flying leads for easy termination and are available in saturated colors and R/G/B. Speedy installation is possible using a simple plug and play connector with pre-assembled RJ45 cables or IDC termination for fixed cable installations.

Mfg. Part No.	Number of LEDs	Power (W)	Output Current (A)	Intensity (Lumens)	Stock No.	Price Each
						1-24
● HL16-RGB	3	3	0.35	R-32; G-42; B-204mW	20M5175	72.580

(90064)

T-3/4 MINIATURE BAYONET LED LAMPS (BA9's)



Dialight

Replace incandescent lamps with a LED lamp for greater brightness and longer life. The 586 series LED lamps are polarized single LEDs in a T-3/4 bayonet based package, designed to directly replace popular incandescent lamps. Example incandescent lamp replacement numbers are: 44, 47, 313, 755, 757, 1815, 1819, 1847, 1866, 1889, 1891, 1892, 1893 and 1895. 586-2 models are 29.21mm (1.15") L x 10.92mm (0.43") W.



Mfg. Part No.	Color	Dominant Wavelength (nm)	Nominal Voltage (V)	Forward Current Typ. (mA)	Intensity Typ. (mcd)	Stock No.	Price Each
							1-24
● 586-2401-101F	Red	630	6	15	1400	33M4576	5.440
586-2401-103	Red	630	14	15	1400	25C0082	8.140
586-2401-105	Red	630	28	15	1050	23C7007	5.440
● 586-2402-101F	Green	525	6	15	2200	33M4583	8.670
586-2402-103	Green	525	14	15	2200	25C0091	8.670
586-2402-105	Green	525	28	15	1650	92B5446	8.670
● 586-2403-101F	Amber	592	6	15	1275	33M4588	8.140
586-2403-103	Amber	592	14	15	1700	25C0102	5.440
586-2405-101	Blue	470	6	15	650	25C0104	8.510
586-2405-103	Blue	470	14	15	650	25C0107	8.670
586-2405-105	Blue	470	28	20	650	26C9513	8.670
586-2406-101	White	*	6	15	1100	25C0112	8.670
586-2406-103	White	*	14	15	1100	25C0117	8.670
● 586-2406-105F	White	*	28	15	825	33M4604	8.670

*Color Coordinates: x = 0.33, y = 0.365 (72658)

LED REPLACEMENTS

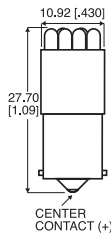
T-3/4 BAYONET LED CLUSTER LAMPS



Cluster

- LEDs Feature 100,000 Life Hours
 - Highly Reliable, Shock and Vibration Resistant
 - AC or DC Operation
 - 120 Degree Viewing Angle
- Replace incandescent lamps with a cluster of LEDs for greater brightness and longer life. 585 series LED cluster lamps are available polarized or non-polarized, up to 120VAC, in a T-3/4 bayonet based package. The lamps directly replace a wide variety of incandescent lamps, for example: 44, 47, 313, 755, 757, 1815, 1819, 1847, 1866, 1889, 1891, 1892, 1893 and 1895. 585-5 models are 1.09" (27.7mm) L x 0.430" (10.92mm) W.

Dialight



Based LED Color		For Use With Lens Cap
Red		Red Transparent, Red Transparent Fluted
Yellow		Amber Transparent, Amber Transparent Fluted
Green		Green Transparent, Green Transparent Fluted

CLUSTER

Mfg. Part No.	Color	Base Type	Wave-length (nm)	Voltage (V)	Current (mA)	Intensity Typ. (mcd)	Stock No.	Price Each 1-24
585-5523	Bright Yellow	Bayonet	592	14	60	1800	52F393	22.090
585-5525	Bright Yellow	Bayonet	592	28	30	2100	52F464	22.090
585-5556	Bright Yellow	Bayonet	592	120VAC	9	945	52F468	12.750
585-4323	Green	Bayonet	565	14	28	70	52F373	11.210
585-5325	Green	Bayonet	565	28	20	490	52F466	18.690
585-4325	Green	Bayonet	565	28	15	75	52F381	11.210
585-5356	Green	Bayonet	565	120VAC	9	220	52F469	12.750
585-5223	Ultra Red	Bayonet	660	14	40	480	52F389	18.690
585-4223	Ultra Red	Bayonet	660	14	30	60	52F371	12.830
585-5225	Ultra Red	Bayonet	660	28	20	560	52F397	18.690
585-4225	Ultra Red	Bayonet	660	28	16	64	52F379	11.890
585-5256	Ultra Red	Bayonet	660	120VAC	9	252	52F1839	12.750
585-4423	Yellow	Bayonet	585	14	30	23	52F375	12.100
585-5323	Yellow	Bayonet	565	14	40	420	52F395	18.690
585-4425	Yellow	Bayonet	585	28	15	23	52F383	11.210
585-4425	Yellow	Bayonet	585	28	15	23	52F383	11.210

T-1-3/4 BI-PIN, WEDGE AND MIDGET FLANGE

585-3323	Green	Bi-Pin	565	14	23	56	52F450	10.450
585-1315	Green	Midget Flange	565	28	15	75	52F417	8.840
585-1325	Green	Midget Flange	565	28	13	65	52F418	9.690
585-2325	Green	Wedge	565	28	13	65	52F438	9.690
585-3325	Green	Bi-Pin	565	28	13	65	52F460	10.450
585-1225	Red	Midget Flange	660	28	14	56	52F416	9.690
585-2223	Ultra Red	Wedge	660	14	16	50	52F428	10.450
585-3223	Ultra Red	Bi-Pin	660	14	26	50	52F448	10.450
585-2311	Ultra Red	Wedge	660	28	46	77	52F423	9.530
585-3225	Ultra Red	Bi-Pin	660	28	14	56	52F456	10.450
585-1115	Yellow	Flange	585	14	15	38	52F413	9.530
585-2423	Yellow	Wedge	585	14	24	18	52F432	10.450
585-3423	Yellow	Bi-Pin	585	14	24	18	52F452	10.450
585-1425	Yellow	Midget Flange	585	28	13	20	52F420	9.690
585-2425	Yellow	Wedge	585	28	13	20	52F440	10.450
585-3425	Yellow	Bi-Pin	585	28	13	20	52F462	10.450

(48287)

TechCast® Product Training

Use the library of online training modules located on our homepage under Useful Tools, with specific guidance for complex solutions.

(148857)

E26 EDISON SCREW BASED LED LAMP



Dialight

Designed to replace an existing incandescent light bulb, these innovative lights contain multiple high flux LEDs. Patented design provides an even illumination over the lens, which can be tinted to match the illuminating color. LED placement and use of high flux LEDs allow for custom emitted colors. E26 base size. 120VAC operation. 250mA input current. Operating temperature -40°C to +55°C.

TINTED LENS

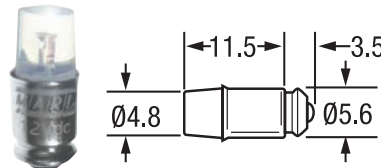
Mfg. Part No.	Color	Wavelength (nm)	Lumens Output	Stock No.	Price Each 1-9
EBA-26014-DAA	Amber	590	100	91H3752	111.830
EBB-26004-DAA	Blue	470	32	91H3754	109.850
EBG-26012-DAA	Green	530	100	91H3756	111.830
EBR-26018-DAA	Red	627	120	91H3758	111.830

NON-TINTED, DIFFUSED LENS

EBA-26014-DAB	Amber	590	100	91H3753	111.830
EBB-26004-DAB	Blue	470	32	91H3755	111.830
EBG-26012-DAB	Green	530	100	91H3757	111.830
EBW-26014-DAB*	Warm White	...	80	91H3760	109.850

* CCT = 3200° K (7956)

205 SERIES FILAMENT REPLACEMENT LED—T1 3/4

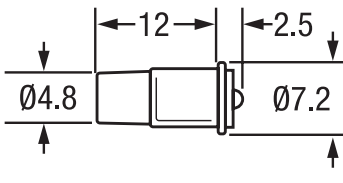


Replace incandescent lamps with longer lasting, brighter LEDs. Direct replacement for T1-3/4 MG S5.7s. Reverse polarity options. Center contact, anode as standard. Mean time between failure: 100,000 hours. Typical technical characteristics: Ta = 25°C. Water clear lens. Wide viewing angle. Operating temp.: -40°C ~ +80°C. Storage temp.: -40°C ~ +80°C.

Mfg. Part No.	Color	Voltage	Current DC (mA)	Luminous Intensity (mcd)	Wave Length (nm)	Stock No.	Price Each 1-9
● 205-501-04-38	Red	1.9 VDC	20	11000	643	68K1147	8.280
● 205-501-20-38	Red	5-6 VDC	20	11000	643	81C9240	8.280
● 205-501-21-38	Red	12 VDC	20	11000	643	68K1148	8.280
● 205-501-22-38	Red	24 VDC	20	11000	643	68K1149	8.280
● 205-501-23-38	Red	24-28 VDC	20	11000	643	99H6144	11.830
● 205-501-31-38	Red	12 VDC	20	11000	643	85K7635	11.830
● 205-521-04-38	Yellow	2.1 VDC	20	16000	591	68K1150	8.280
● 205-521-20-38	Yellow	5-6 VDC	20	16000	591	81C9244	8.280
● 205-521-21-38	Yellow	12 VDC	20	16000	591	68K1151	8.280
● 205-521-22-38	Yellow	24 VDC	20	16000	591	81C9246	8.280
● 205-521-23-38	Yellow	24-28 VDC	20	16000	591	99H6145	11.830
● 205-532-20-38	Green	5-6 VDC	20	23000	527	81C9248	10.230
● 205-532-21-38	Green	12 VDC	20	23000	527	81C9249	10.230
● 205-532-22-38	Green	24 VDC	20	23000	527	68K1152	10.230
● 205-532-23-38	Green	24-28 VDC	20	23000	527	99H6146	14.620
● 205-930-04-38	Blue	3.4 VDC	20	7000	470	99H6147	14.620
● 205-930-21-38	Blue	12 VDC	20	7000	470	99H6148	14.620
● 205-930-22-38	Blue	24 VDC	20	7000	470	99H6149	14.620
● 205-930-23-38	Blue	24-28 VDC	20	7000	470	99H6150	14.620
● 205-993-20-38	Warm White	5-6 VDC	20	9200	...	02N4551	14.620
● 205-993-21-38	Warm White	12 VDC	20	9200	...	31M0648	14.620
● 205-993-23-38	Warm White	24-28 VDC	20	9200	...	31M0649	14.620
● 205-997-04-38	Cold White	3.4 VDC	20	14000	...	68K1153	10.230
● 205-997-20-38	Cold White	5-6 VDC	20	14000	...	81C9252	10.230
● 205-997-21-38	Cold White	12 VDC	20	14000	...	68K1154	10.230
● 205-997-31-38	Cold White	12 VDC	20	14000	...	85K7636	14.620
● 205-997-22-38	Cold White	24 VDC	20	14000	...	68K1155	10.230
● 205-997-32-38	Cold White	24 VDC	20	14000	...	73J6454	14.620
● 205-997-23-38	Cold White	24-28 VDC	20	14000	...	99H6151	14.620

(72263)

206 SERIES FILAMENT REPLACEMENT LEDS—T1 3/4



- Direct Replacement for T13/4 MF SX6s
- Reverse Polarity Options
- Center Contact, Anode as Standard

206 series filament replacement LEDs are ideal for replacing incandescent lamps with longer lasting, brighter LEDs. Mean time between failure: 100,000 hours. Typical technical characteristics: Ta = 25°C. Water clear lens. Wide viewing angle. Operating temperature: -40°C ~ +80°C. Storage temperature: -40°C ~ +80°C.

Mfg. Part No.	Color	Voltage (VDC)	Current DC (mA)	Luminous Intensity (mcd)	Wave Length (nm)	Stock No.	Price Each
							1-9
206-501-04-38	Red	1.9	20	11000	643	68K1156	8.280
206-501-20-38	Red	5-6	20	11000	643	68K1157	8.280
206-501-21-38	Red	12	20	11000	643	81C9257	8.280
206-501-22-38	Red	24	20	11000	643	68K1158	8.280
206-501-23-38	Red	24-28	20	11000	643	81H0445	11.720
206-501-32-38	Red	24	20	11000	643	12K5110	11.720
206-521-04-38	Yellow	2.1	20	16000	591	68K1159	8.280
206-521-20-38	Yellow	5-6	20	16000	591	68K1160	8.280
206-521-21-38	Yellow	12	20	16000	591	81C9261	8.280
206-521-22-38	Yellow	24	20	16000	591	81C9262	8.280
206-521-23-38	Yellow	24-28	20	16000	591	99H6154	11.720
206-521-32-38	Yellow	24	20	16000	591	12K5106	11.720
206-532-04-38	Green	3.4	20	23000	527	68K1161	10.230
206-532-20-38	Green	5-6	20	23000	527	81C9264	10.230
206-532-21-38	Green	12	20	23000	527	68K1162	10.230
206-532-22-38	Green	24	20	23000	527	68K1163	10.230
206-532-23-38	Green	24-28	20	23000	527	81H0449	14.490
206-532-32-38	Green	24	20	23000	527	12K5108	14.490
206-930-04-38	Blue	3.4	20	7000	470	99H6155	14.490
206-930-21-38	Blue	12	20	7000	470	99H6156	14.490
206-930-22-38	Blue	24	20	7000	470	98H3463	14.490
206-930-23-38	Blue	24-28	20	7000	470	99H6157	14.490
206-993-21-38	Warm White	12	20	9200	...	31M0650	14.490
206-993-23-38	Warm White	24-28	20	9200	...	31M0651	14.490
206-997-04-38	Cold White	3.4	20	14000	...	68K1164	10.230
206-997-20-38	Cold White	5-6	20	14000	...	81C9268	10.230
206-997-21-38	Cold White	12	20	14000	...	81C9269	10.230
206-997-22-38	Cold White	24	20	14000	...	68K1165	10.230
206-997-23-38	Cold White	24-28	20	14000	...	81H0447	14.490

(72261)

215 SERIES FILAMENT REPLACEMENT LEDS — T1 3/4 BA9s



- Features:**
- Direct replacement for BA9's
 - Flat-topped for enhanced, even illumination of large lens areas
 - Reverse polarity options availability
 - Ideal for industrial pushbutton switches
 - Centre contact Anode as standard

The 215 Series is a high intensity LED element in a range of colors and voltages. The LED provides excellent wide angle viewing for switchtop and annunciator illumination.

Mfg. Part No.	Color	Voltage (VDC)	Current DC (mA)	Luminous Intensity (mcd)	Wave-length (nm)	Stock No.	Price Each
							1-24
215-501-04-38	Red	1.9	20	11000	643	99H6239	14.620
215-501-21-38	Red	12	20	11000	643	99H6240	14.620
215-501-22-38	Red	24	20	11000	643	98H3465	14.620
215-501-23-38	Red	24-28	20	11000	643	99H6241	14.620
215-501-75-38	Red	110	20	11000	643	31M0657	14.620
215-521-04-38	Yellow	1.9	20	16000	591	99H6242	14.620
215-521-21-38	Yellow	12	20	16000	591	99H6243	14.620
215-521-22-38	Yellow	24	20	16000	591	98H3467	14.620
215-521-23-38	Yellow	24-28	20	16000	591	99H6244	14.620
215-521-75-38	Yellow	110	20	16000	591	31M0658	14.620
215-532-04-38	Green	1.9	20	23000	527	99H6245	15.420
215-532-21-38	Green	12	20	23000	527	99H6246	15.420

► CONTINUED ►

215 SERIES FILAMENT REPLACEMENT LEDS — T1 3/4 BA9s (CONT.)

Mfg. Part No.	Color	Voltage (VDC)	Current DC (mA)	Luminous Intensity (mcd)	Wave-length (nm)	Stock No.	Price Each
							1-24
215-532-22-38	Green	24	20	23000	527	99H6247	15.420
215-532-23-38	Green	24 - 28	20	23000	527	99H6248	15.420
215-532-75-38	Green	110	20	23000	527	31M0659	15.420
215-930-04-38	Blue	1.9	20	7000	470	99H6249	15.420
215-930-21-38	Blue	12	20	7000	470	99H6250	15.420
215-930-22-38	Blue	24	20	7000	470	99H6251	15.420
215-930-23-38	Blue	24-28	20	7000	470	99H6252	15.420
215-930-75-38	Blue	110	20	7000	470	31M0660	15.420
215-993-04-38	Warm White	2	20	9200	...	02N4565	17.590
215-993-21-38	Warm White	12	20	9200	...	31M0661	17.590
215-993-23-38	Warm White	24-28	20	9200	...	31M0662	17.590
215-993-75-38	Warm White	110	20	9200	...	31M0663	17.590
215-997-04-38	Cold White	1.9	20	14000	...	99H6253	17.590
215-997-21-38	Cold White	12	20	14000	...	99H6254	17.590
215-997-22-38	Cold White	24	20	14000	...	99H6255	17.590
215-997-23-38	Cold White	24-28	20	14000	...	99H6256	17.590

(90559)

209 SERIES FILAMENT REPLACEMENT LEDS—T5.5SB



4

Features

- Direct replacement for T5.5SB
- Ideal for industrial pushbutton switches and annunciator panels
- Durable to shock and vibration
- Fit and forget reliability



T1XXX sized, (T5.5 SB) slide based style incandescent replacement features a high intensity LED in a variety of colors and voltages. The 209 Series has a flat-topped LED to provide excellent wide angle viewing for switchtop and annunciator illumination.

Mfg. Part No.	Color	Voltage	Current DC (mA)	Luminous Intensity (mcd)	Wave Length (nm)	Stock No.	Price Each
							1-24
209-501-04-38	Red	1.9 VDC	20	11000	643	99H6182	15.740
209-501-21-38	Red	12 VDC	20	11000	643	99H6183	15.740
209-501-22-38	Red	24 VDC	20	11000	643	28H9170	15.740
209-501-23-38	Red	24-28 VDC	20	11000	643	99H6184	15.740
209-521-04-38	Yellow	2.1 VDC	20	16000	591	99H6185	15.740
209-521-21-38	Yellow	12 VDC	20	16000	591	99H6186	15.740
209-521-22-38	Yellow	24 VDC	20	16000	591	99H6187	15.740
209-521-23-38	Yellow	24-28 VDC	20	16000	591	99H6188	15.740
209-532-04-38	Green	3.4 VDC	20	23000	527	99H6189	20.520
209-532-21-38	Green	12 VDC	20	23000	527	99H6190	20.520
209-532-22-38	Green	24 VDC	20	23000	527	28H9198	20.520
209-532-23-38	Green	24-28 VDC	20	23000	527	99H6191	20.520
209-930-04-38	Blue	3.4 VDC	20	7000	470	99H6192	20.520
209-930-21-38	Blue	12 VDC	20	7000	470	99H6193	20.520
209-930-22-38	Blue	24 VDC	20	7000	470	99H6194	20.520
209-930-23-38	Blue	24-28 VDC	20	7000	470	99H6195	20.520
209-993-21-38	Warm White	12 VDC	20	9200	...	31M0655	20.520
209-993-23-38	Warm White	24-28 VDC	20	9200	...	31M0656	20.520
209-997-04-38	Cold White	3.4 VDC	20	14000	...	99H6196	20.520
209-997-21-38	Cold White	12 VDC	20	14000	...	99H6197	20.520
209-997-22-38	Cold White	24 VDC	20	14000	...	99H6198	20.520
209-997-23-38	Cold White	24-28 VDC	20	14000	...	99H6199	20.520

(90559)

eInvoices



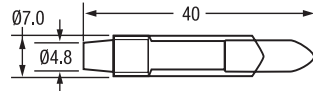
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(148829)

LED REPLACEMENTS

208 SERIES FILAMENT REPLACEMENT LEDS—T6.8SB



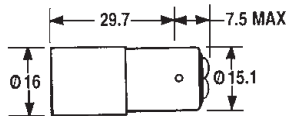
- Direct Replacement for T6.8 SB
- Flat-Topped for Enhanced, Even Illumination of Large Lens Areas
- Durable to Shock and Vibration

208 series filament replacement LEDs are ideal for replacing incandescent lamps with longer lasting, brighter LEDs. Mean time between failure: 100,000 hours. Typical technical characteristics: Ta = 25°C. Water clear lens. Wide viewing angle. Operating temperature: -40°C ~ +80°C. Storage temperature: -40°C ~ +80°C.

Mfg. Part No.	Color	Voltage (VDC)	Current DC (mA)	Luminous Intensity (mcd)	Wave Length (nm)	Stock No.	Price Each
● 208-501-04-38	Red	1.9	20	11000	643	68K1166	10.720
● 208-501-20-38	Red	5-6	20	11000	643	68K1167	10.720
● 208-501-21-38	Red	12	20	11000	643	68K1168	10.720
● 208-501-22-38	Red	24	20	11000	643	81C9274	10.720
● 208-501-23-38	Red	24-28	20	11000	643	99H6162	14.720
● 208-521-04-38	Yellow	2.1	20	16000	591	68K1169	10.720
● 208-521-20-38	Yellow	5-6	20	16000	591	68K1170	10.720
● 208-521-21-38	Yellow	12	20	16000	591	68K1171	10.720
● 208-521-22-38	Yellow	24	20	16000	591	68K1172	10.720
● 208-521-23-38	Yellow	24-28	20	16000	591	99H6163	14.720
● 208-532-04-38	Green	3.4	20	23000	527	68K1173	13.680
● 208-532-20-38	Green	5-6	20	23000	527	68K1174	13.680
● 208-532-21-38	Green	12	20	23000	527	68K1175	13.680
● 208-532-22-38	Green	24	20	23000	527	81C9282	13.680
● 208-532-23-38	Green	24-28	20	23000	527	99H6164	18.790
● 208-930-04-38	Blue	3.4	20	7000	470	99H6165	18.790
● 208-930-21-38	Blue	12	20	7000	470	99H6166	18.790
● 208-930-22-38	Blue	24	20	7000	470	99H6167	18.790
● 208-930-23-38	Blue	24-28	20	7000	470	99H6168	18.790
● 208-997-04-38	Cold White	3.4	20	14000	...	68K1176	13.680
● 208-997-20-38	Cold White	5-6	20	14000	...	68K1177	13.680
● 208-997-21-38	Cold White	12	20	14000	...	68K1178	13.680
● 208-997-22-38	Cold White	24	20	14000	...	68K1179	13.680
● 208-997-23-38	Cold White	24-28	20	14000	...	99H6169	18.790

(72264)

245 SERIES FILAMENT REPLACEMENT LEDS—T1 3/4



- AC/DC Operation - Bi-Polar
- Internal Potting for Vibration Resistance
- Low Heat Generation
- Low Power Requirements

Replace incandescent lamps with longer lasting and brighter LEDs. Lens: water clear. Wide viewing angle. Operating temperature: -20°C ~ +50°C. Mean time between failure: 100,000 hours.

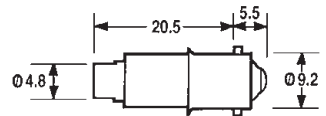
Mfg. Part No.	Color	Voltage	Current DC (mA)	Luminous Intensity (mcd)	Wave Length (nm)	Stock No.	Price Each
● 245-501-93-38	Red	28 V	20	11000	643	68K1191	55.620
● 245-501-95-38	Red	60 V	12	11000	643	68K1192	55.620
● 245-501-87-38	Red	130 V	5	11000	643	68K1190	55.620
● 245-521-87-38	Yellow	28 V	5	16000	591	68K1193	55.620
● 245-521-93-38	Yellow	60 V	20	16000	591	68K1194	55.620

▶ CONTINUED ▶

Mfg. Part No.	Color	Voltage	Current DC (mA)	Luminous Intensity (mcd)	Wave Length (nm)	Stock No.	Price Each
● 245-521-95-38	Yellow	130 V	12	16000	591	68K1195	55.620
● 245-532-93-50	Green	28 V	18	23000	527	68K1197	46.300
● 245-532-95-50	Green	60 V	11	23000	527	35C0808	46.300
● 245-532-87-50	Green	130 V	5	23000	527	68K1196	46.300
● 245-930-93-50	Blue	28 V	18	7000	470	68K1199	46.300
● 245-930-95-50	Blue	60 V	11	7000	470	35C0811	46.300
● 245-930-87-50	Blue	130 V	5	7000	470	68K1198	46.300
● 245-997-93-50	Cold White	28 V	18	14000	...	68K1201	46.300
● 245-997-95-50	Cold White	60 V	11	14000	...	35C0814	46.300
● 245-997-87-50	Cold White	130 V	5	14000	...	68K1200	46.300

(69172)

255 SERIES FILAMENT REPLACEMENT LEDS—T1 3/4 BAYONET CAP



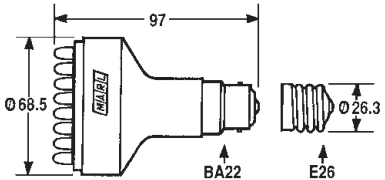
- Unique SOLO Technology - Single Product for Multivoltage Operating Range: 8-48VAC/DC
- Resistant to Vibration and Shock

Replace incandescent lamps with longer lasting and brighter LEDs. Lens: water clear. Wide viewing angle. Operating temperature: -20°C to +50°C. Mean time between failure: 100,000 hours.

Mfg. Part No.	Color	Voltage (VDC)	Current DC (mA)	Luminous Intensity (mcd)	Wave Length (nm)	Stock No.	Price Each
● 255-501-64-38	Red	8 - 48	10	2750	660	68K1207	15.030
● 255-521-64-38	Yellow	8 - 48	10	4500	590	68K1208	15.030
● 255-532-64-38	Green	8 - 48	10	6000	525	69K4415	18.040
● 255-930-64-38	Blue	8 - 48	10	2000	470	99H6569	25.550
● 255-993-64-38	Warm White	8 - 48	10	9200	...	31M0691	25.550
● 255-997-64-38	Cool White	8 - 48	10	3000	...	68K1209	18.040

(69174)

218 SERIES FILAMENT REPLACEMENT LED CLUSTER—E26 STYLE BASE



Replace incandescent lamps with longer lasting and brighter LEDs. 20-LED cluster. Lens: water clear. Narrow viewing angle. Operating temperature: -10°C to +40°C. Order base separately; go online or call.

Mfg. Part No.	Color	Voltage	Current DC (mA)	Luminous Intensity (mcd)	Wave Length (nm)	Stock No.	Price Each
● 218-930-22-65	Blue	24 VDC	80	7000	470	68K1186	241.970
● 218-930-23-65	Blue	28 VDC	40	7000	470	68K1187	241.970
● 218-930-25-65	Blue	110 VAC	20	7000	470	35C2251	241.970
● 218-997-23-65	Cold White	28 VDC	40	14000	...	35C2253	241.970
● 218-997-25-65	Cold White	110 VAC	20	14000	...	68K1189	241.970

(69171)



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(148836)

LED REPLACEMENTS

LED LAMPS WITH BASES



Fig. 1 PSB-Slide Base

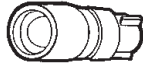


Fig. 2 Wedge Base (Subminiature)

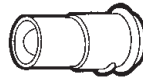


Fig. 3 T1 - 3/4 Midget Flange

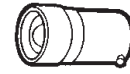


Fig. 4 S.C. Min. Bayonet



Single LEDs are available in 4 colors and 4 styles. Resistors are in base AC and DC. Lenses are water-clear.

PSB-SLIDE BASES

Mfg. Part No.	Replaces Incandescent Mfg. Part No.'s	Fig.	Volts	Emitted Color	MOL	Wavelength Peak (nm)	Typ. I _v (MCD)* @ I _f =20mA	Viewing Angle	Stock No.	Price Each
										1-24
● SPC10538	24PSB5 or 28PSB5	1	24-28 AC/DC	White	1.18"	Mixed	1270	60°	12P6297	11.290
● SPC10539				Red		635	2000	50°	19C8073	11.140
● SPC10540				Green		520	3400	45°	19C8074	8.540
● SPC10541				Yellow		590	1300	30°	19C8075	8.540
● SPC10542	120PSB5	1	110-130 AC/DC	White	1.18"	Mixed	1270	60°	19C8076	11.140
● SPC10543				Red		635	2000	50°	19C8077	11.140
● SPC10544				White		520	3400	45°	19C8078	18.000
● SPC10545				Green		590	1300	30°	61M2944	11.140

SUBMINIATURE WEDGE BASES

● SPC10546	85	2	24-28 DC	White	0.80"	Mixed	1270	60°	19C8080	11.860
● SPC10547				Red		635	2000	50°	19C8081	7.250
● SPC10548				Green		520	3400	45°	19C8082	7.250
● SPC10549				Yellow		590	1300	30°	19C8083	7.890

MIDGET FLANGE BASES

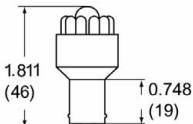
● SPC10550	327, 376, 385, 387	3	24-28 AC/DC	White	0.63"	Mixed	1207	60°	19C8084	8.540
● SPC10551				Red		635	2000	50°	19C8085	8.540
● SPC10553				Yellow		590	1300	30°	19C8087	11.860

MINI BAYONET BASES

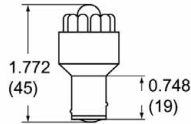
● SPC10554	24MB, 28MB, 1818, 1843, 1819, 1829, 757, 1820, 1864, 313, 1873	4	24-28 AC/DC	White	1.19"	Mixed	1560	50°	19C8088	17.850
● SPC10556				Green		520	2400	45°	19C8090	11.610
● SPC10557				Yellow		590	2500	30°	19C8091	11.140
● SPC10558	120MB	4	110-130 AC/DC	White	1.19"	Mixed	1560	50°	19C8092	18.000
● SPC10560				Green		520	2400	45°	19C8094	11.140
● SPC10561				Yellow		595	2500	30°	19C8095	11.140

* mcd correct only for 20mA; lamps may not be 20mA due to different resistors (S9577)

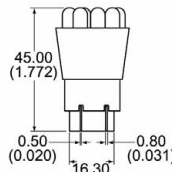
BASED LEDs



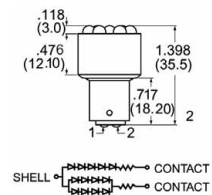
1156 Base, 11 LEDs



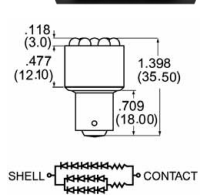
1157 Base, 11 LEDs



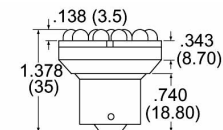
3157 Base, 12 LEDs



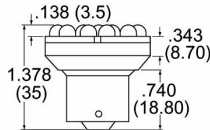
Bayonet (BA15D) Base, 13 LEDs



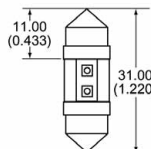
Bayonet (BA15S) Base, 13 LEDs



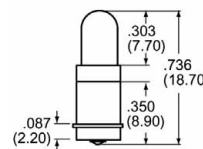
Bayonet (BA15D) Base, 24 LEDs



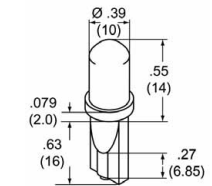
Bayonet (BA15S) Base, 24 LEDs



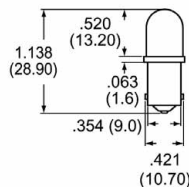
Festoon LED



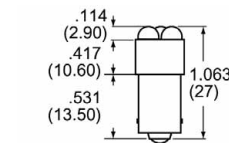
Midget Flange Base



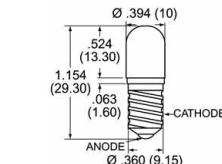
Miniature Wedge Base



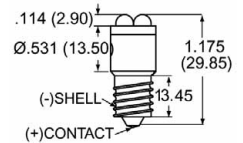
Miniature Bayonet (BA9S) Base, Single LED



Miniature Bayonet (BA9S) Base, 3 LEDs



Miniature Screw (E10) Base, Single LED



Miniature Screw (E10) Base, 4 LEDs

1156 BAYONET BASE, 3 LEDs

Mfg. Part No.	Emitted Color	Wavelength (nm)	I _v (mcd)	Viewing Angle	Stock No.	Price Each
						1-9
SSP-03TB9912	Ultra White	...	7000	30	09J9364	7.400
SSP-03TB97U12	Super Blue	470	3000	30	09J9363	7.400
SSP-03TB92UP12	Ultra Green	525	3700	30	09J9360	9.570

➔ CONTINUED ➔

LED REPLACEMENTS

BASED LEDs (CONT.)

Mfg. Part No.	Emitted Color	Wavelength (nm)	I _v (mcd)	Viewing Angle	Stock No.	Price Each
						1-9
SSP-03TB93S12	Super Yellow	590	3500	30	09J9361	3.190
SSP-03TB96U12	Ultra Red	626	4600	30	09J9362	3.190
1156 BASE, 11 LEDs						
SSP-1156B15912	Ultra White	...	48000	30	09J9384	20.300
SSP-1156B157U12	Super Blue	470	13500	30	09J9383	18.560
SSP-1156B152UP12	Ultra Pure Green	525	70400	30	09J9380	20.300
SSP-1156B153S12	Super Yellow	590	48500	30	09J9381	7.250
SSP-1156B156U12	Ultra Red	626	47000	30	09J9382	7.250
1157 BASE, 11 LEDs						
SSP-1157B15912	Ultra White	...	48000	30	09J9387	20.300
SSP-1157B153S12	Super Yellow	590	48500	30	09J9385	7.250
SSP-1157B156U12	Ultra Red	626	47000	30	09J9386	7.250
3157 BASE, 12 LEDs						
SSP-3157WB912	Ultra White	...	8,200/2,800	35	09J9409	21.410
SSP-3157WB7U12	Super Blue	470	8,300/2,800	35	09J9408	19.780
SSP-3157WB2UP12	Ultra Green	525	12,000/4,000	35	09J9405	19.780
SSP-3157WB3S12	Super Yellow	590	8,300/2,800	35	09J9406	9.080
SSP-3157WB6U12	Ultra Red	626	8,000/2,700	35	09J9407	9.080
BAYONET (BA15D) BASE, 13 LEDs						
SSP-13MDB152UP12G	Ultra Pure Green	525	99100	30	09J9391	21.350
SSP-13MDB153S12G	Super Yellow	590	57500	30	09J9392	7.250
SSP-13MDB156U12G	Super Intensity Red	626	55500	30	09J9393	7.250
BAYONET (BA15S) BASE, 13 LEDs						
SSP-13MB152UP12G	Ultra Pure Green	525	99100	30	09J9388	21.350
SSP-13MB153S12G	Super Yellow	590	57500	30	09J9389	7.250
SSP-13MB156U12G	Super Intensity Red	626	55500	30	09J9390	7.250
BAYONET (BA15D) BASE, 24 LEDs						
SSP-24MDB152UP12G	Ultra Pure Green	525	183000	30	09J9397	38.950
SSP-24MDB153S12G	Super Yellow	590	106200	30	09J9398	12.880
SSP-24MDB156U12G	Super Intensity Red	626	102400	30	09J9399	12.880
BAYONET (BA15S) BASE, 24 LEDs						
SSP-24MB152UP12G	Ultra Pure Green	525	183000	30	09J9394	38.950
SSP-24MB153S12G	Super Yellow	590	106200	30	09J9395	12.910
SSP-24MB156U12G	Super Intensity Red	626	102400	30	09J9396	12.910
FESTOON LED						
SSP-02TFS912	Ultra White	...	5500	60	09J9359	6.700
SSP-02TFS7U12	Ultra Blue	470	4500	60	09J9358	6.090
MIDGET FLANGE BASE						
SSP-D19F9SUGC-12V	Super Pure Green	574	300	45	09J9332	4.590
SSP-D19F9SYC-12V	Super Intensity Yellow	590	400	45	09J9333	3.920
SSP-D19F9SIC-12V	Super Intensity Red	636	1200	45	09J9331	3.920
MINIATURE WEDGE BASE						
SSP-01TWB9WB12	Ultra White	...	11000	30	09J9356	2.010
● SSP-01TWB7UWB12	Super Blue	470	7000	30	09J9354	2.010
SSP-01TWB2UPWB12	Ultra Green	525	9000	30	09J9348	2.010
SSP-01TWB3SWB12	Super Yellow	590	7000	30	09J9350	1.160
SSP-01TWB6UWB12	Ultra Red	626	8000	30	09J9352	1.160
SSP-01TWB9W12	Ultra White	...	3300	60	09J9357	2.010
SSP-01TWB7UW12	Ultra Super Blue	470	1600	60	09J9355	2.010
SSP-01TWB2UPW12	Ultra Green	525	2800	60	09J9349	2.010
SSP-01TWB3SW12	Super Yellow	590	2200	60	09J9351	1.160
● SSP-01TWB6UW12	Ultra Red	626	2800	60	09J9353	1.160
MINIATURE WEDGE BASE, 4 LEDs						
SSP-04MWB9L2	Ultra White	...	7000	30	09J9369	7.250
SSP-04MWB7UL2	Ultra Super Blue	470	3000	30	09J9368	6.380
SSP-04MWB2UPL2	Ultra Green	525	4500	30	09J9365	7.250
SSP-04MWB6UL2	Ultra Red	626	3500	30	09J9367	2.730
MINIATURE BAYONET (BA9S) BASE, SINGLE LED						
● SSP-D29B9SUGC-12V	Super Pure Green	574	1000	40	09J9335	3.460
SSP-D29B9SYC-12V	Super Intensity Yellow	590	1500	40	09J9336	2.670
SSP-D29B9SIC-12V	Super Intensity Red	636	2500	40	09J9334	2.670
MINIATURE BAYONET (BA9S) BASE, 3 LEDs						
SSP-3MB9912G	Ultra White	...	13100	30	09J9404	6.010
SSP-3MB92UP12G	Ultra Green	525	10000	30	09J9400	6.010
SSP-3MB93S12G	Super Intensity Yellow	590	2400	30	09J9401	2.270
SSP-3MB96U12G	Super Intensity Red	626	3600	30	09J9402	2.270
MINIATURE SCREW (E10) BASE, SINGLE LED						
SSP-D29E10SUGC-12V	Super Pure Green	574	1000	40	09J9337	3.460
SSP-D29E10SYC-12V	Super Intensity Yellow	590	1500	40	09J9339	2.670
SSP-D29E10SIC-12V	Super Intensity Red	636	2500	40	09J9338	2.670
MINIATURE SCREW (E10) BASE, 4 LEDs						
SSP-4SE10912G	Ultra White	...	7000	30	09J9414	7.250
● SSP-4SE107U12G	Ultra Blue	470	3000	30	09J9413	6.960

▶ CONTINUED ▶

LED REPLACEMENTS • LAMP SOCKETS/HOLDERS

BASED LEDs (CONT.)

MINIATURE SCREW (E10) BASE, 4 LEDs

Mfg. Part No.	Emitted Color	Wavelength (nm)	I _v (mcd)	Viewing Angle	Stock No.	Price Each
						1-9
SSP-4SE103S12G	Super Intensity Yellow	590	3500	30	09J9411	2.560
SSP-4SE106U12G	Super Intensity Red	626	3500	30	09J9412	2.560

SUBMINIATURE WEDGE BASE LEDs

SSP-01SWB9C12-FT	Ultra White	...	1400	100	09J9347	3.050
SSP-01SWB7UC12-FT	Ultra Super Blue	470	850	100	09J9346	3.050
SSP-01SWB2UPC12-FT	Ultra Pure Green	525	1650	100	09J9343	3.050
SSP-01SWB6UC12-FT	Super Intensity Red	626	850	100	09J9345	3.050

(80510)

MR16 LED LAMPS

Features

- Low Power Consumption
- Direct replacement for MR16 incandescent

Applications

- Spot Lights
- Track Lighting
- Automotive Lighting



AllInGaP TYPE

Mfg. Part No.	Emitted Color	Wave-length (nm)	DC Fwd. Voltage (V)	Typ. Lumens Intensity (mcd)	Stock No.	Price Each	
						1-9	10-99
SSP-11CR6U12	Ultra Red	626	12	11000	09J9372	20.000	16.370
SSP-11CR3S12	Super Yellow	590	12	11000	09J9371	28.580	23.390

InGaN/SiC TYPE

SSP-11CR2UP12	Ultra Pure Green	525	12	12000	09J9370	34.850	28.520
SSP-11CR912	White	...	12	12000	09J9374	37.210	30.460
SSP-11CR7U12	Ultra Super Blue	470	12	10000	09J9373	28.580	23.390

(80587)

LUXSPOT HIGH LUMINOUS EFFICACY WHITE LED MODULE

Features:

- Integrated ultra compact form factor
- Fanless air cooling technology
- Multiple mounting options
- Fully dimmable
- Powered by LedEngin's highest flux density, ultra reliable 4-chip LED
- Precision optics delivering narrow flood beam pattern
- Beam Type: Narrow Flood
- Beam Angle (FWHM): 21°

Applications:

- General Lighting
- Museum Lighting
- Retail & Display Lighting

- Hospitality Lighting
- Accent & Task Lighting
- Architectural Detail Lighting



LedEngin, Inc.

LuxSpot™ delivers the lighting equivalence of a conventional 50W halogen MR16 lamp in a similar form factor with a 70% power savings and >10 times the service life. The combination of LedEngin's industry leading high performance LED technology with optical, electrical, and thermal management solutions enable this innovative source replacement, delivering both the performance of a conventional halogen or incandescent light source and the benefits of solid state lighting.

Mfg. Part No.	Color	Color Temp. (K)	CRI	Luminous Flux (lm)	Stock No.	Price
						1-9
LS17-002W14	Warm White	3200	80	350	47P5949	97.500
LS17-012W14	Warm White	3200	90	325	47P5950	105.000
LS17-002N14	Neutral White	4100	75	420	47P5947	97.500
LS17-002D14	Daylight White	5500	75	500	47P5945	97.500

(147087)

element14

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(148859)

HIGH LUX PERFORMANCE WHITE LED MR16 LAMP

Features:

- Performance equivalent to narrow flood 35W halogen MR16
- Precision optic delivering high quality uniform beam pattern
- Form factor meets IEC 60630:2002 standards for GU5.3/GX5.3 package
- Plug and play; compatible with standard MR16 based fixtures
- Dimmable and compatible with most magnetic and electronic transformers
- Power factor > 0.9
- Powered by LedEngin's latest high flux density LED

Applications:

- General Lighting
- Museum Lighting
- Retail & Display Lighting
- Hospitality Lighting
- Accent & Task Lighting
- Architectural Detail Lighting

LuxDot™ offers the quality and quantity of light ideal for spot, accent, track and down lighting applications in a narrow flood beam pattern. The new, high-brightness LED lamp delivers a smooth, superior-quality light beam to a target area, with 80-percent-reduced power consumption and over 10 times the service life of a 35-watt halogen. It is plug-and-play compatible with standard MR16 based fixtures and provides uncompromising fit, form and performance compared to 35W halogen MR16 lamps.

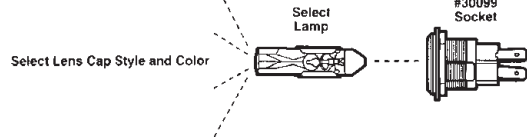
Mfg. Part No.	Color	Color Temp. (K)	CRI	Lumens (lm)	Stock No.	Price
						1-9
LD16-022W07	Warm White	2900	80	160	08R4592	48.060

(147889)

0.719" DIA. UNIVERSAL LAMP HOUSING FOR PILOT LAMP



OSRAM SYLVANIA



Mfg. Part No. 30099 assembly dimensions - Socket: 0.91" (23.11) (front of panel to end of terminals). Lenses: 0.63" (16.00) diameter, 0.38" (9.65) height. Select T-2 lamp and lens capability to comprise complete lamp assembly; sold separately on pages 1354 and 1366.

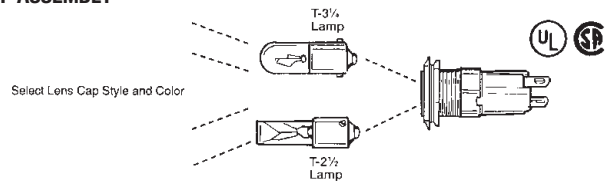
Mfg. Part No.	Description	Stock No.	Price Each
			1-9
30099/PLH	Universal lamp housing	35F2829	3.060

(2580)

31099 SERIES T-2½ OR T-3¼ MINIATURE BAYONET BASE LAMP ASSEMBLY



OSRAM SYLVANIA



31099 series assembly dimensions - Socket: 1.68" (42.67) (front of panel to end of terminals). Lenses: 0.63" (16.00) diameter, 0.38" (9.65) height. Select T-2½ or T-3¼ lamp and cap on pages 1354 and 1366. UL listed, CSA certified.

Mfg. Part No.	Description	Stock No.	Price Each
			1-9
31099/PLH/BAY	Miniature bayonet base lamp assembly	44F1326	8.120

(2581)

LAMP SOCKETS/HOLDERS

LENS CAPS FOR 30099 AND 31099 SERIES ASSEMBLIES



Flat Top Translucent



Jeweled



Dome Transparent



Dome Fluted

Order mfg. part nos. 30099 and 31099 separately on page 1365.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
● 30200/FT/TLLR	Flat Top Translucent Red	35F2788	1.240	1.030
● 30100/PILOT/JLR	Jeweled Red	35F2831	3.040	2.530
● 30102/PILOT/JLG	Jeweled Green	35F2833	1.870	1.550
● 30106/PILOT/JLA	Jeweled Amber	35F2832	3.300	2.740
● 30110/PILOT/TPLR	Dome Transparent Red	35F2835	0.756	0.628
● 30111/PILOT/TPLA	Dome Transparent Yellow	35F2836	0.917	0.761
● 30112/PILOT/TPLG	Dome Transparent Green	35F2837	0.801	0.665
● 30120/PILOT/FLR	Dome Fluted Red	35F2792	0.815	0.677
● 30122/PILOT/FLG	Dome Fluted Green	35F2794	0.776	0.644
● 30126/PILOT/FLA	Dome Fluted Amber	35F2793	0.700	0.581
● 30145/PC/TLLY	Lexan Translucent Yellow	35F2945	4.090	3.390

(48285)

4

MINIATURE AND MIDGET SCREW SOCKETS

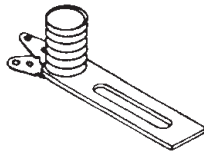


Fig. 1

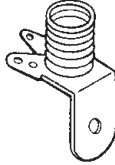


Fig. 2



Fig. 3

Sockets have soldering lugs and accept miniature screw-based lamps. Solder lug terminals insulated from mounting bracket. Mounting brackets are 0.025/0.032" (0.635/0.813) cadmium-plated steel. For low-voltage incandescent lamps, 6 volts to 28 volts.

Mfg. Part No.	Fig.	Stock No.	Price Each			
			1-24	25-49	50-99	100-249
● SPC21732	1	16M1223	1.910	1.630	1.480	1.330
● SPC21745	2	16M1236	8.100	6.840	6.180	5.560
● SPC21729	3	16M1220	1.660	1.410	1.270	1.140

(2627)

MINIATURE BAYONET SOCKETS WITH WIRE LEADS



Fig. 1



Fig. 2



Fig. 3



Fig. 4

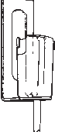


Fig. 5



Fig. 6



Fig. 7

Single contact miniature bayonet sockets with molded black nylon housings. Insulated and break resistant. Mounting brackets insulated from socket. Brackets are 0.025/0.032" (0.635/0.813) cadmium-plated steel. Rating: 75 watts @ 125V.

Mfg. Part No.	Fig.	Stock No.	Price Each			
			1-24	25-49	50-99	100-249
● SPC21761	1	16M1252	4.030	3.400	3.070	2.780
● SPC21763	2	16M1254	4.030	3.400	3.070	2.780
● SPC21764	3	16M1255	4.030	3.400	3.070	2.780
● SPC21762	4	16M1253	5.200	4.380	3.960	3.580

These sockets feature a grounded socket case with one wire lead.

● SPC21767	5	16M1258	2.790	2.350	2.120	1.920
● SPC21765	6	16M1256	2.790	2.350	2.120	1.920
● SPC21766	7	16M1257	2.790	2.350	2.120	1.920

(2671)

CANDELABRA BAYONET SOCKETS

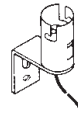


Fig. 1

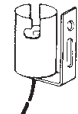


Fig. 2

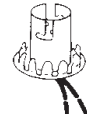


Fig. 3

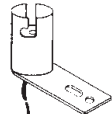


Fig. 4

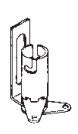


Fig. 5

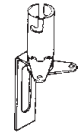


Fig. 6

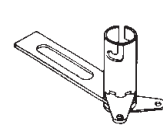


Fig. 7

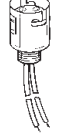


Fig. 8

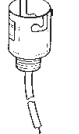


Fig. 9

These sockets accept single contact candelabra bayonet-based lamps. Single #22 AWG, 6" wire lead provides voltage to socket. Mounting bracket is electrically connected to socket shell, providing ground connection. Brackets are 0.025/0.42" cadmium plated steel.

Mfg. Part No.	Fig.	Stock No.	Price Each
			1-24
● SPC21736	1*	16M1227	2.640
● SPC21737	2*	16M1228	3.230
● SPC21738	4	16M1229	3.420
● SPC21739	9	16M1230	6.280

These sockets accept double contact candelabra bayonet-based lamps. Two #18 AWG, 6" wire leads and Nema grade phenolic washers provide insulation from mounting bracket. Brackets are 0.30/0.48" cadmium plated steel.

● SPC21740	1	16M1231	3.090
● SPC21741	2	16M1232	3.180
● SPC21744	3	16M1235	5.610
● SPC21749	3	16M1240	9.970
● SPC21742	4	16M1233	3.020
● SPC21743	8	16M1234	6.370

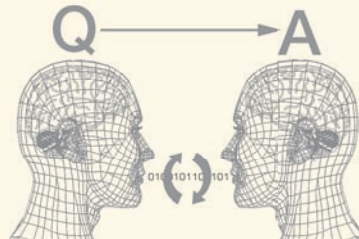
These sockets accept single contact candelabra bayonet-based lamps. Supplied with two solder terminals, steel with tin-electro plating, and a shell insulated from the bracket. Designed for low voltage incandescent lamps, 6V to 28V.

● SPC21734	5	16M1225	2.030
● SPC21733	6	16M1224	2.030
● SPC21735	7	16M1226	2.030

* Single wire terminal.
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