JKI COMPONENTS CORPORATION

LED PRODUCT GUIDE











JKL COMPONENTS CORPORATION

LED PRODUCT GUIDE



LINEAR LEDS p. 3-13

- Excellent for signage, display & backlighting
- 12V & 24V options with a variety of colors
- Easy installation for new & retrofit applications
- Full line of accessories for project completion



BASED LEDS p. 14-19

- Suitable as incandescent replacements
- Wide variety of bases, colors, voltages & sizes
- Long life LEDs offers lower maintence costs
- High brightness with energy efficiency



ACCESSORIES P. 20 - 21

- Range of products to complement our LED products
- Wide variety of sockets
- Controllers & dimmers for ambiance & control

Quality Lighting Solutions Since 1972

13343 PAXTON ST, PACOIMA, CA 91331 (818) 896-0019 • (800) 421-7244 SALES@JKLLAMPS.COM WWW.JKLLAMPS.COM WWW.ALUMILINE-LED.COM

ALUMILINE® HO T12 LED RETROFIT

LINEAR LEDS

- 24 VDC operation
- Ideal for LED replacement of T12 Fluorescent fixtures
- Vertical or horizontal mounting
- Optomized lens for brightness & uniformity
- R17d recessed double contact base







JKL Part No.	Length (inches)	Industry Standard	Power
ZRF-24H0-CWA	21.91"	2 Feet	6.4 Watts
ZRF-36HO-CWA	33.91"	3 Feet	11.2 Watts
ZRF-42HO-CWA	39.91"	3.5 Feet	12.8 Watts
ZRF-48HO-CWA	45.91"	4 Feet	14.4 Watts
ZRF-60HO-CWA	57.91"	5 Feet	19.2 Watts
ZRF-72HO-CWA	69.91"	6 Feet	22.4 Watts
ZRF-84HO-CWA	81.91"	7 Feet	27.2 Watts
ZRF-96HO-CWA	93.91"	8 Feet	32.0 Watts

EXCELLENTLY SUITED FOR CANOPY LIGHTING & BACKLIGHTING FOR LONG LIFE = LOW MAINTENANCE COSTS





ZAF ALUMILINE® SERIES LED FIXTURES

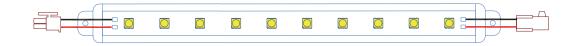




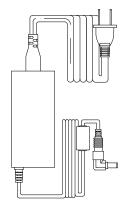
- IP65 Rated for outdoor applications
- On board screw holes & optional mounting clips
- Easy series operation with linking connector
- Available in 13", 19", 25", 37" and 48" lengths





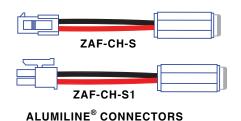






ZPS-20





JKL Part No.	Description
ZAF-336-24CW	13" Alumiline® LED Fixture - Cool White
ZAF-336-24WW	13" Alumiline® LED Fixture - Warm White
ZAF-486-24CW	19" Alumiline® LED Fixture - Cool White
ZAF-486-24WW	19" Alumiline® LED Fixture - Warm White
ZAF-636-24CW	25" Alumiline® LED Fixture - Cool White
ZAF-636-24WW	25" Alumiline® LED Fixture - Warm White
ZAF-936-24CW	37" Alumiline® LED Fixture - Cool White
ZAF-936-24WW	37" Alumiline® LED Fixture - Warm White
ZAF-1236-24CW	48" Alumiline® LED Fixture - Cool White
ZAF-1236-24WW	48" Alumiline® LED Fixture - Warm White
ZAF-20-C	Mounting Clip for ZAF Alumiline® Fixtures
ZAF-CH-J	Jumper Connector for ZAF Alumiline® Fixtures
ZAF-CH-S	Input Connector for ZAF Alumiline® Fixture
ZAF-CH-S1	Input Connector for ZAF Alumiline® Fixture
ZPS-20	24V 48W ZAF Alumiline® Power Supply

ALUMILINE® MAX SERIES FIXTURES

LINEAR LEDS

- 24 VDC operation
- IP67 Rated for outdoor applications
- On board screw holes & optional mounting clips
- Easy series operation with linking connector
- Available in 13", 17", 25", 37" and 48" lengths





24V





ZWF-400-J ALUMILINE® MAX JUMPER CONNECTOR



ZWF-1000-I ALUMILINE[®] MAX INPUT CONNECTOR

JKL Part No.	Description
ZWF-337-24CW	13" Alumiline® Max LED Fixture - Cool White
ZWF-337-24WW	13" Alumiline® Max LED Fixture - Warm White
ZWF-438-24CW	17" Alumiline® Max LED Fixture - Cool White
ZWF-638-24CW	25" Alumiline® Max LED Fixture - Cool White
ZWF-638-24WW	25" Alumiline® Max LED Fixture - Warm White
ZWF-939-24CW	37" Alumiline® Max LED Fixture - Cool White
ZWF-939-24WW	37" Alumiline Max LED Fixture - Warm White
ZWF-1239-24CW	48" Alumiline Max LED Fixture - Cool White
ZWF-1239-24WW	48" Alumiline Max LED Fixture - Warm White
ZAF-1236-24WW	48" Alumiline LED Fixture - Warm White
ZWF-1000-I	Input Connector for ZWF Alumiline MAX
ZWF-915-J ZWF-400-J	Jumper Connector ZWF Alumiline Fixtures
ZWF-12-C	Mounting Clip for ZWF Alumiline Max
ZWF-1290-C	90° Mounting Clip for ZWF Alumiline Max



ZWF-1290-C RIGHT ANGLE MOUNT

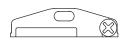


ZWF-12-C FLAT MOUNT CLIP

ALUMILINE® LOW PROFILE LED FIXTURES



- 24 VDC operation
- Available in multiple LED pitch spacings
- Thermally optimized with no UV emissions
- Mounting holes for ease of installation
- 4.4 mm height



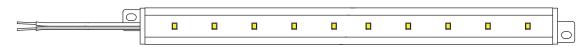
PROFILE VIEW





ZLF SERIES ALUMILINE® - 10MM PITCH

JKL Part No.	Description	Color
ZLF-0310-W1-10-24 ZLF-0310-W5-10-24	Alumiline Slim 310mm LED fixture, 10mm pitch	Warm White Cool White
ZLF-0610-W1-10-24 ZLF-0610-W5-10-24	Alumiline Slim 610mm LED fixture, 10mm pitch	Warm White Cool White
ZLF-0910-W1-10-24 ZLF-0910-W5-10-24	Alumiline Slim 910mm LED fixture, 10mm pitch	Warm White Cool White
ZLF-1210-W1-10-24 ZLF-1210-W5-10-24	Alumiline Slim 1210mm LED fixture, 10mm pitch	Warm White Cool White



ZLF SERIES ALUMILINE® - 16.7MM PITCH

JKL Part No.	Description	Color
ZLF-0310-W1-16-24 ZLF-0310-W5-16-24	Alumiline Slim 310mm LED fixture, 16mm pitch	Warm White Cool White
ZLF-0610-W1-16-24 ZLF-0610-W5-16-24	Alumiline Slim 610mm LED fixture, 16mm pitch	Warm White Cool White
ZLF-0910-W1-16-24 ZLF-0910-W5-16-24	Alumiline Slim 910mm LED fixture, 16mm pitch	Warm White Cool White
ZLF-1210-W1-16-24 ZLF-1210-W5-16-24	Alumiline Slim 1210mm LED fixture, 16mm pitch	Warm White Cool White

ZLF SERIES ALUMILINE® IS ALSO AVAILABLE IN 25MM PITCH FOR LOW COST APPLICATIONS

ZRS 19" LED PCB BARS

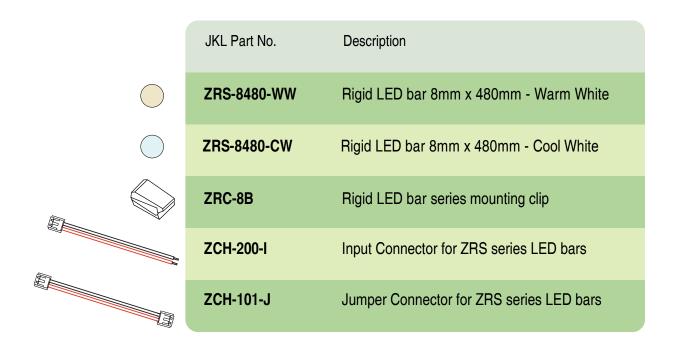
LINEAR LEDS

- 12VDC operation
- 30 LEDs per bar
- Each 3-LED section includes a cut line
- Up to 22 full length bars can be operated in series
- Mounting clips, connectors and joiner cables available

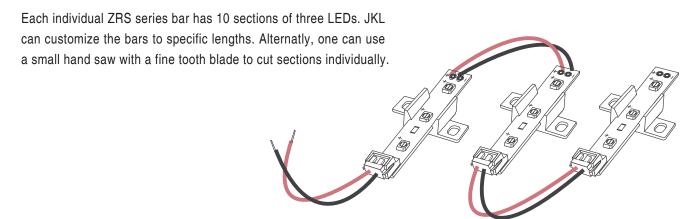


12V





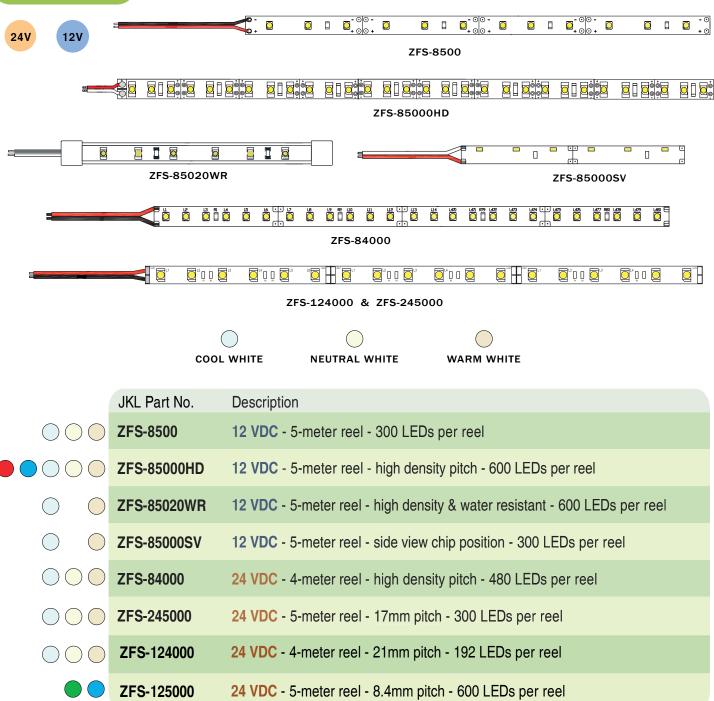
THE ZRS SERIES LED BARS CAN EASILY BE CUT-TO-SIZE



ZFS FLEXIBLE LED RIBBON



- · Peel & stick tape on back for easy mounting
- Each section includes a cut line
- Available in various colors & intensities
- 12 & 24V options



ZFS LED FLEX RIBBON CONNECTORS

LINEAR LEDS

- Two styles for regular & high-density ribbon
- 2 different widths
- Solderless connection
- Easy assembly with snap-shut connectors





ZFS-CNX-8J



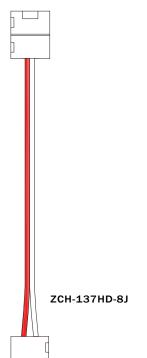


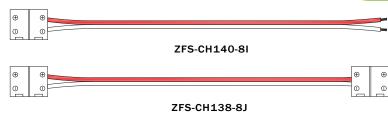






ZFS-CNL-8J





JKL Part No.	Description
ZFS-CH140-8I	Input Connector for 8mm-wide LED Flex Ribbon
ZFS-CH0-8J	8mm Flex-to-Flex LED Connector
ZFS-CH138-8J	Joiner Connector for 8mm-wide LED Flex Ribbon
ZFS-CNL-8J	8mm Flex Tape "L" Shape Joiner Connector
ZFS-CNT-8J	8mm Flex Tape "T" Shape Joiner Connector
ZFS-CNX-8J	8mm Flex Tape "X" Shape Joiner Connector
ZFS-CH144-12I	Input Connector for 10/12mm-wide LED Flex Ribbon
ZFS-CH0-12J	10/12mm-wide Flex-to-Flex LED connector
ZCH-137HD-8J	Joiner Connector for 8mm High Density Flex Ribbon
ZCH-143HD-8I	Input Connector for 8mm High Density Flex Ribbon







LED ALUMINUM CHANNEL RAIL & DIFFUSERS



- Cover produces even light & diffuses hot spots
- Each rail includes 2 end caps
- Up to 2 meter lengths



JKL Series Part Num	nber	Lens Color Options Co	ompatible Accessories
ZFC-17	Channel Rail	Milk White or Clear	ZRC-17 Mount Clip ZRS-17-J90 90° Clip
ZFC-17T	Channel Rail - taller profile	Milk White or Clear	ZRC-17 Mount Clip
ZFC-18C	Channel Rail - corner angle mount	Milk White or Clear	ZRC-18C Mount Clip
ZFC-20BP	Channel Rail - invisible mount	Milk White, Semi-Clear	or Clear
ZFC-21	Channel Rail - recessed mount	Frosted	
ZFC-11WR	Channel Rail - IP68 water resistant use with 8mm Flex	t Diffused Frosted	ZRC-11WR Mount Clip
ZFC-242000-PC	Double-Wide Channel Rail	Milk White or Semi-Cle	ar ZRC-24 Mount Clip

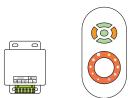




ADJUSTABLE WHITE LED FLEX RIBBON

LINEAR LEDS

- 12VDC operation
- 5-meter flex reel has 300 LEDs
- Controller adjusts color & brightness
- White temperature is adjustable from 3200°- 6400° kelvin
- Operate up to 7 meters with one controller
- · Peel & stick tape for easy mounting



ZCTR-05

REMOTE & CONTROLLER



12V



ZFS-105000-DBW
DUAL WHITE ADJUSTABLE LED FLEX RIBBON

JKL Part No. Description

ZFS-10500-DBW 12 VDC - 5-meter reel - Dual White Adjustable LED Ribbon

ZCTR-05 LED Double White Controller with color & brightness control

HIGH DENSITY DOUBLE ROW LED FLEX

- Available in 12VDC & 24VDC operation
- Double row of high-bright LEDs for strong illumination
- 5-meter reel has 1200 RGB LEDs, 15mm width
- Peel & Stick tape on back for easy mounting
- Cool White



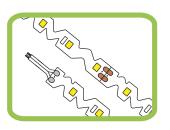






JKL Part No.	Description
ZFS-155000-CW	12 VDC - 5 Meter Reel - Double Row High Bright LED Ribbon - Cool White
ZFS-155000-24CW	24 VDC - 5 Meter Reel - Double Row High Bright LED Ribbon - Cool White

BENDABLE LED FLEX RIBBON



- 12VDC operation
- · Jagged configuration offers easy custom bending
- 5-meter flex reel has 300 LEDs
- Cool White temperature is 6000° Kelvin
- Peel & stick tape for easy mounting

12V



ZFS-8500BND-CW 12V COOL WHITE BENDABLE LED RIBBON

JKL Part No. Description

12 VDC - 5-meter reel - Dual White Adjustable LED Ribbon ZFS-8500BND-CW

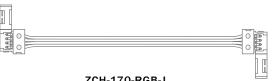
COLOR CHANGE RGB FLEX RIBBON

- 12VDC & 24VDC options available
- Peel & Stick tape on back for easy mounting
- 5-meter reel with 10mm width
- RGB Controller gives color & brightness control
- Controller operates up to 10 meters of the RGB Ribbon





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ZCH-170-RGB-J SOLDERLESS CONNECTOR



ZFS-CHO-RGB10J SOLDERLESS CONNECTOR

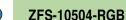
ZCTR-06 REMOTE & CONTROLLER



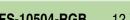
ZFS-10504-RGB







JKL Part No.



12 VDC - 5 Meter Reel - RGB LED Ribbon - 150 LEDs per reel

ZFS-10500-24RGB 24 VDC - 5 Meter Reel - RGB LED Ribbon - 300 LEDs per reel

ZCTR-06 LED RGB Controller with speed, color and brightness control

RGB Flex Ribbon Joiner Connector Harness ZCH-170-RGB-J

ZFS-CH0-RGB10J Flex to Flex RGB Connector

Description

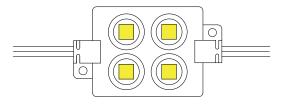
ZM SERIES CHANNEL LIGHTS

LINEAR LEDS

- 12VDC operation
- Range of LED viewing angles
- Peel & stick tape for quick mounting
- Built in mounting holes for ease of installation
- Wide Angle offers even illumination in tight spaces



12V





ZM-3354-CW

ZM-1968

JKL Part No.	Voltage	Description
ZM-3354-CW	12VDC	4-LED Channel Light
ZM-1968	12VDC	3-LED Channel Light - Cool White or Warm White
ZM-3537-CW	12VDC	3-LED Wide Beam LED Channel Module - Cool White

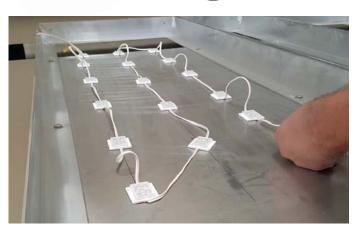


THE WIDE ANGLE BEAM OF THE ZM-3537
MAKES IT AN EXCELLENT CHOICE FOR
BACKLIGHTING SITUATIONS IN
NARROW SPACES



WATER RESISTANCE RATED IP67











T-3 1/4 WEDGE BASE LEDS





- Suitable for incandescent replacement
- Long life reduces maintenance cost
- Fits into most T-3 1/4 sockets





T-3 1/4 LOW PROFILE 3-CHIP WEDGE LED

• 12 V AC/DC and 24VDC versions

LE-0903-02W	12V	T-3 1/4 AC/DC High Bright Wedge LED - Cool White
LE-0903-04W	24V	T-3 1/4 DC High Bright Wedge LED - Cool White



T-3 1/4 6-CHIP HIGH BRIGHT WEDGE LED

AC or DC operation

LEFW-M12	12V	T-3 ¼ AC/DC Flat multi-chip - White

T-1 3/4 WEDGE BASE LEDS

- DC operation
- Suitable for incandescent replacement
- Long life reduces maintenance cost
- Fits into most T-1 ¾ wedge base sockets

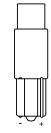
JKL Part No.	Voltage	Description
LE-0504-01W	12V	T-1 ¾ Wedge Base LED - White
LE-0504-01B	12V	T-1 ¾ Wedge Base LED - Blue
LE-0504-01G	12V	T-1 ¾ Wedge Base LED - Green
LE-0504-01R	12V	T-1 ¾ Wedge Base LED - Red
LE-0504-01Y	12V	T-1 ¾ Wedge Base LED - Yellow
LE-0509-01W	24V	T-1 ¾ Wedge Base LED - White
LE-0509-01B	24V	T-1 ¾ Wedge Base LED - Blue
LE-0509-01G	24V	T-1 ¾ Wedge Base LED - Green
LE-0509-01R	24V	T-1 ¾ Wedge Base LED - Red
LE-0509-01Y	24V	T-1 ¾ Wedge Base LED - Yellow

BASED LEDS





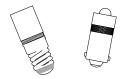




T-1 3/4 3-CHIP HIGH BRIGHT WEDGE LED

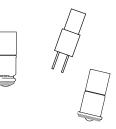
JKL Part No.	Voltage	Description
LEFW-F12	12V	T-1 ¾ High Bright multi-chip - White





SPECIALTY BASE LEDS

- Suitable for incandescent replacement
- Long life reduces maintenance cost
- Fits into a variety of existing specialty sockets





T-3 1/4 BAYONET BASE

JKL Part No.	Voltages Available	Description	Colors
LE-BA9S	6V 12V 24V 55V	T-3 ¼ Bayonet LED - AC/DC	White, Green



T-1 3/4 MIDGET SCREW BASE

JKL Part No.	Voltages Available	Description	Colors
LE-MS	6V 12V 24V	T-1¾ Midget Screw LED	White



T-1 3/4 GROOVE BASE

JKL Part No.	Voltages Available	Description	Colors
LE-MG	12V 24V	T-1¾ Groove Base LED	White



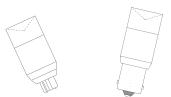
T-1 3/4 FLANGE BASE

JKL Part No.	Voltages Available	Description	Colors
LE-MF	12V 24V	T-1% Flange Base LED	White



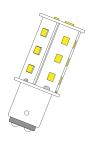
T-1 3/4 BI-PIN BASE

JKL Part No.	Voltages Available	Description	Colors
LE-BP	12V	T-1¾ Bi-Pin Base LED	White



SPECIALTY BASE LEDS

- Suitable for incandescent replacement
- Long life reduces maintenance cost
- Fits into a variety of existing specialty sockets





DOUBLE CONTACT BAYONET BASE

JKL Part No.	Voltage	Description	Color
LE-BA15D-12WW	10-30V AC/DC	Multi-Chip LED Double Bayonet	Warm White



SINGLE CONTACT BAYONET BASE

JKL Part No.	Voltage	Description	Color
LE-BA15S2.5-12CW	10-30V AC/DC	Multi-Chip LED Single Bayonet	Cool White



SINGLE CONTACT BAYONET BASE

JKL Part No.	Voltage	Description	Color
LE-BA15S-12WW	10-30V AC/DC	Diffused LED Single Bayonet	Warm White



T-3 1/4 HIGH OUTPUT WEDGE LED

JKL Part No.	Voltage	Description	Color
LE-WB18-12WW	10-30V AC/DC	Mutli-Chip LEDT-3 1/4 Wedge	Warm White



T-3 1/4 HIGH OUTPUT WEDGE LED

JKL Part No.	Voltage	Description	Color
LE-WB2W-12W	12V AC/DC	Diffused LED T-3 1/4 Wedge	White

FESTOON LED LAMP REPLACEMENTS













- Various lengths in 12V & 24V
- Suitable for incandescent replacement
- Compatible sockets available

JKL Part No.	Voltage	Description
LE-0603-02W	12VDC	42mm Festoon LED - White
LE-0603-02B	12VDC	42mm Festoon LED - Blue
LE-0603-02G	12VDC	42mm Festoon LED - Green
LE-0603-02R	12VDC	42mm Festoon LED - Red
LE-0603-02Y	12VDC	42mm Festoon LED - Yellow
LE-0603-04W	24VDC	42mm Festoon LED - White
LE-0603-04B	24VDC	42mm Festoon LED - Blue
LE-0603-04G	24VDC	42mm Festoon LED - Green
LE-0603-04R	24VDC	42mm Festoon LED - Red
LE-0603-04Y	24VDC	42mm Festoon LED - Yellow



HIGH BRIGHT FESTOON LED

- 12V operate at AC or DC
- 6 high-bright LED chips in 2 lengths & 3 shades of white



LE-0909-11	12V AC/DC	37mm Festoon High Bright LED - CW, NW & WW
LE-0909-14	12V AC/DC	42mm Festoon High Bright LED - CW, NW & WW



31mm FESTOON LED

LE-1031-02W

12VDC

31mm Festoon LED - Cool White

G-4 TWO PIN LEDS

- 12V AC/DC operation
- Suitable for incandescent replacement
- Three varieties for different light needs









BASED LEDS



Z-G4-9

Z-G4-15WW

JKL Part No.	Description
Z-G4-9WW Z-G4-9CW	9 Chip G-4 two-pin LED - LEDs mounted on one side
Z-G4-12WW	12 Chip G-4 two-pin LED - LEDs mounted on top
Z-G4-15WW	15 Chip G-4 lamp replacement - omnidirectional LED mount

LILIPUT T-5.5 TELEPHONE SLIDE BASE

- 36V operation
- Suitable for incandescent replacement
- Three colors





36V

T-2 TELEPHONE SLIDE BASE LEDS







ACCESSORIES



12-24V LED DIMMER

- Dimming from 100% to 20% brightness without flicker
- 12-24 VDC
- Maximum load of 8 amps
- Maximum output power of 192 watts

JKL Part No.	Description	
ZDM-01	12-24V LED Dial Dimmer - 8 amp	White Case



WIRELESS LED LIGHT CONTROLLER

- 5V -24VDC operation
- Small space saving desing
- Eight speed/fade modes & 10 brightness levels
- Standard 2.1mm barrel input and output
- RF Remote control

JKL Part No.	Description
ZCTR-08	Wireless space saving RF LED Controller 5V-24VDC operation

SOCKETS

ACCESSORIES

- Wedge Base Festoon Bayonet G-4 Two Pin
- Suitable for LEDs or incandescent bulbs
- Assemblies available
- Custom terminations available



	JKL Part No.	Description
	2964-8B	T-3 1/4 Wedge Socket with 8" insulated lead wires
	2910F-47	Festoon Socket, for 37mm-42mm lamps/LEDs
	2910F-42	Festoon Socket, for 30mm-40mm lamps/LEDs
	2948-6G	T-1 ¾ Wedge Socket with 6" insulated lead wires
	2993-G5	G-4 Socket for MR16 lamps/LEDs & 2-pin G-4 lamps/LEDs
	2993-G6	G-4 Socket for MR16 lamps/LEDs & 2-pin G-4 lamps/LEDs
	294502/241	T-3 ¼ Wedge Socket with 9.4" insulated lead wires
No.	29MB-12	T-3 ¼ Bayonet Socket with 12" insulated lead wires
	29MB-T	T-3 ¼ Bayonet Socket with screw mount terminal
6		

SEE WWW.JKLLAMPS.COM FOR ADDITIONAL WEDGE BASE SOCKETS WITH BUILT-IN PC BOARD CONTACT

JKL COMPONENTS

ABOUT JKL COMPONENTS

HISTORY



JKL Components Corporation was established in 1972 as a supplier of Quality Lighting Solutions in Los Angeles, California.

JKL products support a wide range of of markets including signage, gaming, automotive, medical, architectural and special effects.

JKL's product offerings continue to evolve as we strive to provide the latest advancements that technology has to offer in the lighting field. While LED products are our main focus in the 21st century, JKL still actively supports its legacy products such as miniature incandescent lamps and CCFL LCD Lamps.

OUR COMMITMENT





JKL Components Corporation recognizes that its activities impact the environment. Consequently, JKL embraces the principles of sustainable development and is committed to a process of continual environmental consciousness and pollution prevention.

To accomplish this, JKL is committed to protecting the environment by implementing the following measures:

- Making better use of the Earth's resources
- Improving our production methods when possible
- Reducing harm to the environment
- Complying with all laws
- Using biodegradable and recyclable packaging

JKL Components Corporation believes this is the only way to nurture and sustain a lasting, viable business.



LIGHTING TECHNOLOGIES & CAPABILITIES

JKL PRODUCTS INCLUDE BOTH STANDARD AND CUSTOM DESIGNS

· LEDS

Linear, based, surface mount and related accessories

INCANDESCENT FILAMENT LAMPS

Miniature and subminiature to include Mil Spec lamps and automotive interior lamps

COLORED FILTERS

Color matching services provide precise color coordinates for incandescent lamps and LEDs

COLD CATHODE FLUORESCENT LAMPS

2-5mm diameter and 50-500mm lengths available with bare leads or as custom assemblies with heater wire, end fittings and related mounting needs.

CUSTOM SOLUTIONS

JKL will work with you to develop custom assemblies and linear fixtures for your display cases, food warmers, architectural projects, gaming consoles and other applications.

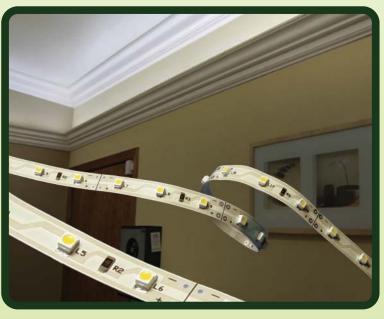






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