JKL® COMPONENTS CORPORATION

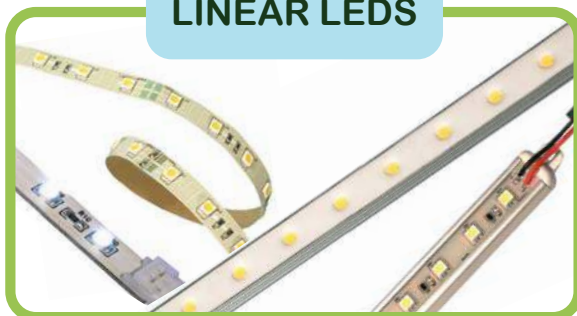## LED PRODUCT GUIDE

JKL® COMPONENTS CORPORATION

LED PRODUCT GUIDE

LINEAR LEDS

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

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

ACCESSORIES P. 20 - 21

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

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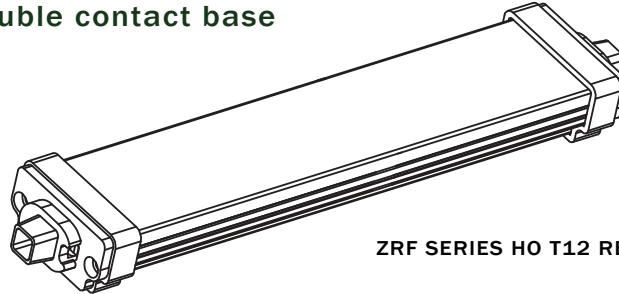
- 24 VDC operation
- Ideal for LED replacement of T12 Fluorescent fixtures
- Vertical or horizontal mounting
- Optomized lens for brightness & uniformity
- R17d recessed double contact base

R17D Connection

24V

ZRF SERIES HO T12 RETROFIT ALUMILINE®

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
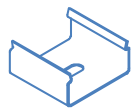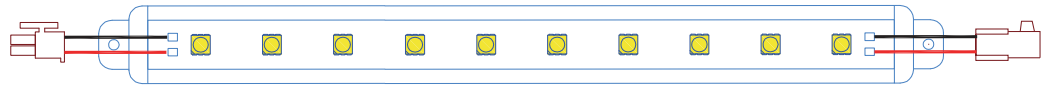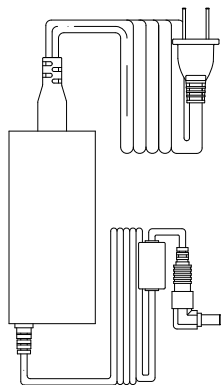
ZAF ALUMILINE® SERIES LED FIXTURES

- **24 VDC Operation**
- **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**

24V

ZAF-20-C

ZPS-20

ZAF-CH-J
ALUMILINE® JOINER

ZAF-CH-S

ZAF-CH-S1

ALUMILINE® CONNECTORS

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

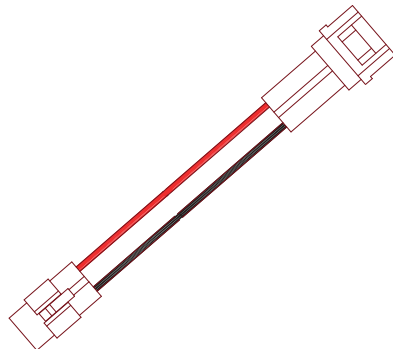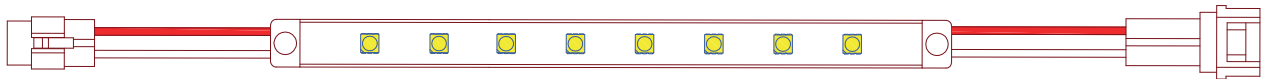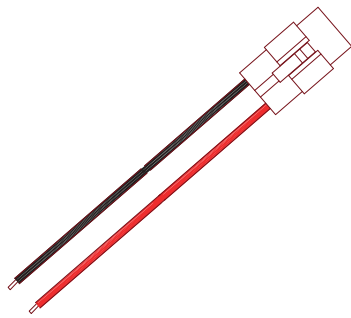# ALUMILINE® MAX SERIES FIXTURES

- **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**

**ZWF-400-J**
ALUMILINE® MAX
JUMPER CONNECTOR

ZWF-1000-I
ALUMILINE® MAX
INPUT CONNECTOR

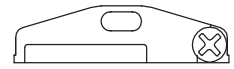| JKL Part No.	Description
ZWF-337-24CW	13" Alumiline® Max LED Fixture - Cool White
ZWF-337-24WW	13" Alumiline® Max LED Fixture - Warm White
ZWF-438-24CW	17" Alumiline® Max LED Fixture - Cool White
ZWF-638-24CW	25" Alumiline® Max LED Fixture - Cool White
ZWF-638-24WW	25" Alumiline® Max LED Fixture - 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
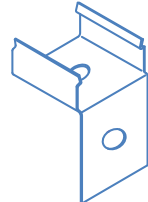
ZWF-1290-C
RIGHT ANGLE MOUNT
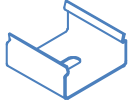
ZWF-12-C
FLAT MOUNT CLIP

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
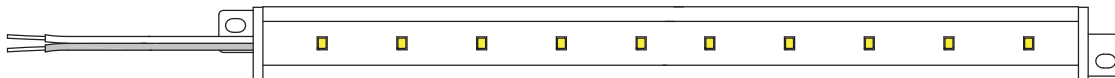- 4.4 mm height

PROFILE VIEW

24V

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
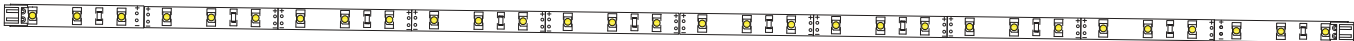
ZRS 19" LED PCB BARS

- **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

JKL Part No.	Description
ZRS-8480-WW	Rigid LED bar 8mm x 480mm - Warm White
ZRS-8480-CW	Rigid LED bar 8mm x 480mm - Cool White
ZRC-8B	Rigid LED bar series mounting clip
ZCH-200-I	Input Connector for ZRS series LED bars
ZCH-101-J	Jumper Connector for ZRS series LED bars

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

Each individual ZRS series bar has 10 sections of three LEDs. JKL can customize the bars to specific lengths. Alternatly, one can use a small hand saw with a fine tooth blade to cut sections individually.
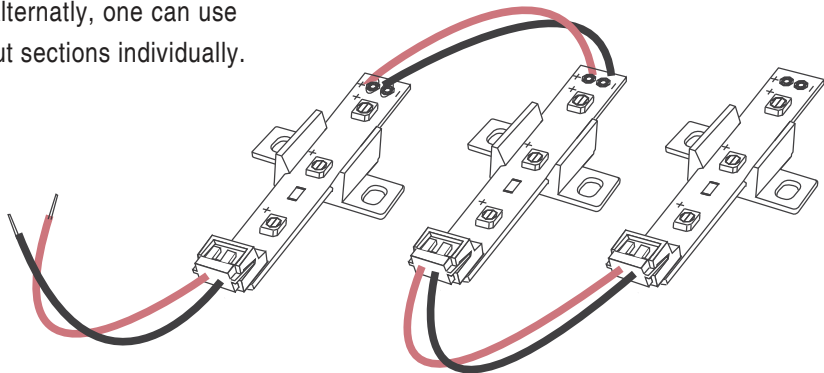
LINEAR LEDS

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

24V **12V**

ZFS-8500

ZFS-85000HD

ZFS-85020WR

ZFS-85000SV

ZFS-84000

ZFS-124000 & ZFS-245000

COOL WHITE   NEUTRAL WHITE   WARM WHITE

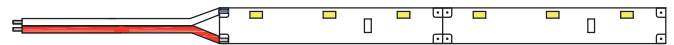|	JKL Part No.	Description
○○○	**ZFS-8500**	**12 VDC** - 5-meter reel - 300 LEDs per reel
●●○○○	**ZFS-85000HD**	**12 VDC** - 5-meter reel - high density pitch - 600 LEDs per reel
○ ○	**ZFS-85020WR**	**12 VDC** - 5-meter reel - high density & water resistant - 600 LEDs per reel
○ ○	**ZFS-85000SV**	**12 VDC** - 5-meter reel - side view chip position - 300 LEDs per reel
○○○	**ZFS-84000**	**24 VDC** - 4-meter reel - high density pitch - 480 LEDs per reel
○○○	**ZFS-245000**	**24 VDC** - 5-meter reel - 17mm pitch - 300 LEDs per reel
○○○	**ZFS-124000**	**24 VDC** - 4-meter reel - 21mm pitch - 192 LEDs per reel
●●	**ZFS-125000**	**24 VDC** - 5-meter reel - 8.4mm pitch - 600 LEDs per reel

ZFS LED FLEX RIBBON CONNECTORS

- **Two styles for regular & high-density ribbon**
- **2 different widths**
- **Solderless connection**
- **Easy assembly with snap-shut connectors**
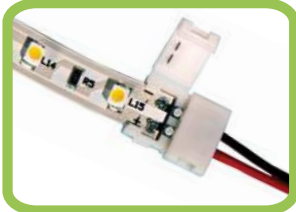
ZFS-CNT-8J

ZFS-CH0-8J
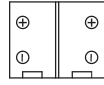
ZFS-CH140-8I
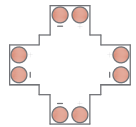
ZFS-CNX-8J

ZFS-CNL-8J

ZFS-CH138-8J
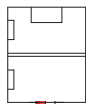
ZCH-137HD-8J

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
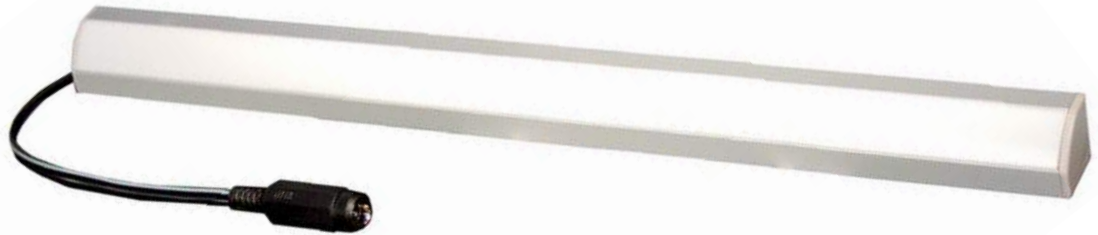
JKL Series Part Number		Lens Color Options	Compatible Accessories
ZFC-17	Channel Rail	Milk White or Clear	ZRC-17 Mount Clip ZRS-17-J90 90° Clip
ZFC-17T	Channel Rail - taller profile	Milk White or Clear	ZRC-17 Mount Clip
ZFC-18C	Channel Rail - corner angle mount	Milk White or Clear	ZRC-18C Mount Clip
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	Diffused Frosted	ZRC-11WR Mount Clip
ZFC-242000-PC	Double-Wide Channel Rail	Milk White or Semi-Clear	ZRC-24 Mount Clip

ZFC-17T   ZFC-18C

ZFC-18C   ZFC-21

ADJUSTABLE WHITE LED FLEX RIBBON

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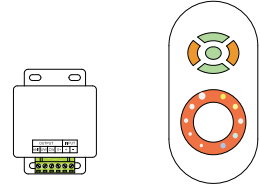- Operate up to 7 meters with one controller
- Peel & stick tape for easy mounting

12V

ZFS-105000-DBW
DUAL WHITE ADJUSTABLE LED FLEX RIBBON

ZCTR-05
REMOTE & CONTROLLER

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

24V   **12V**

ZFS-155000 LED RIBBON IN
DOUBLE-WIDE CHANNEL RAIL
ZFC-242000-PC
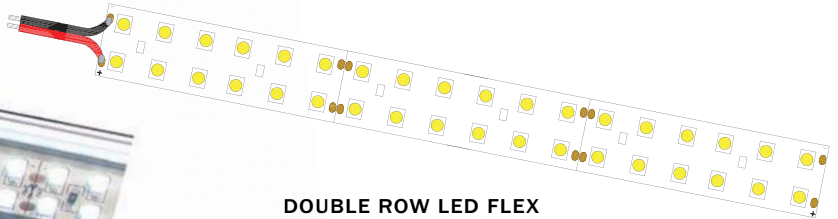
DOUBLE ROW LED FLEX
ZFS-155000

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
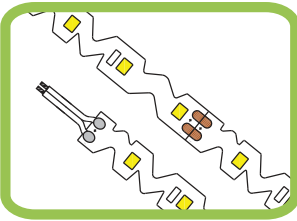
BENDABLE LED FLEX RIBBON

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

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

24V   **12V**
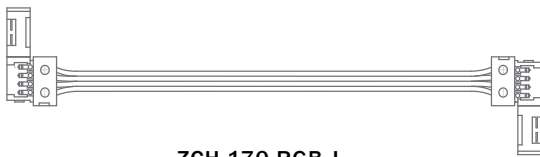
ZCH-170-RGB-J
SOLDERLESS CONNECTOR
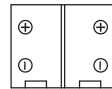
ZFS-CH0-RGB10J
SOLDERLESS CONNECTOR

ZCTR-06
REMOTE & CONTROLLER

ZFS-10504-RGB

JKL Part No.	Description
ZFS-10504-RGB	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
ZCH-170-RGB-J	RGB Flex Ribbon Joiner Connector Harness
ZFS-CH0-RGB10J	Flex to Flex RGB Connector

ZM SERIES CHANNEL LIGHTS

- 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
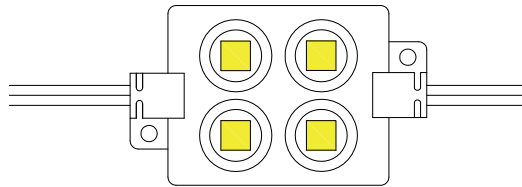
ZM-3354-CW
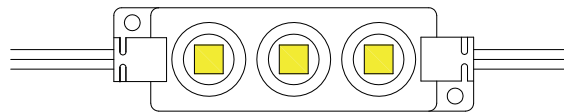
ZM-1968

	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

ZM-3537-CW

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

Great for Channel Letters!

UL WATER RESISTANCE RATED IP67
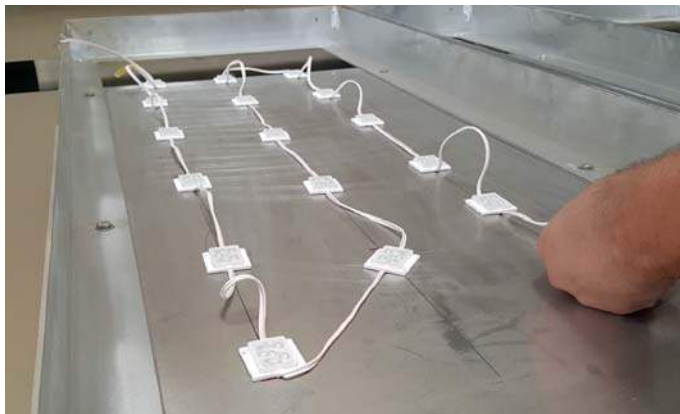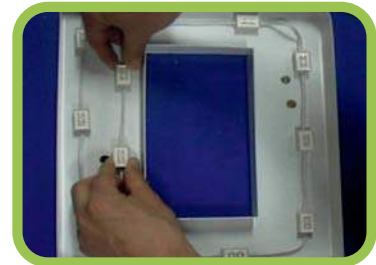
T-3 1/4 WEDGE BASE LEDS

- DC operation
- Suitable for incandescent replacement
- Long life reduces maintenance cost
- Fits into most T-3 ¼ sockets

24V 12V

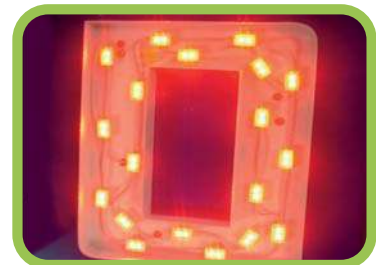| JKL Part No.	Voltage	Description
LE-0503-03W	12V	T-3 ¼ Wedge Base LED - White
LE-0503-03B	12V	T-3 ¼ Wedge Base LED - Blue
LE-0503-03G	12V	T-3 ¼ Wedge Base LED - Green
LE-0503-03R	12V	T-3 ¼ Wedge Base LED - Red
LE-0503-03Y	12V	T-3 ¼ Wedge Base LED - Yellow
LE-0509-02W	24V	T-3 ¼ Wedge Base LED - White
LE-0509-02B	24V	T-3 ¼ Wedge Base LED - Blue
LE-0509-02G	24V	T-3 ¼ Wedge Base LED - Green
LE-0509-02R	24V	T-3 ¼ Wedge Base LED - Red
LE-0509-02Y	24V	T-3 ¼ Wedge Base LED - Yellow

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

- 12 V AC/DC and 24VDC versions

LE-0903-02W	12V	T-3 ¼ AC/DC High Bright Wedge LED - Cool White
LE-0903-04W	24V	T-3 ¼ 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

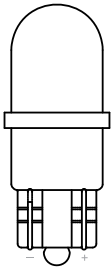|	JKL Part No.	Voltage	Description
○	LE-0504-01W	12V	T-1 ¾ Wedge Base LED - White
●	LE-0504-01B	12V	T-1 ¾ Wedge Base LED - Blue
●	LE-0504-01G	12V	T-1 ¾ Wedge Base LED - Green
●	LE-0504-01R	12V	T-1 ¾ Wedge Base LED - Red
●	LE-0504-01Y	12V	T-1 ¾ Wedge Base LED - Yellow
○	LE-0509-01W	24V	T-1 ¾ Wedge Base 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
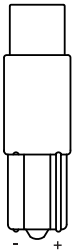
T-1 3/4 3-CHIP HIGH BRIGHT WEDGE LED

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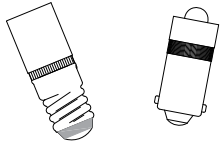
SPECIALTY BASE LEDS

- 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-1¾ 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
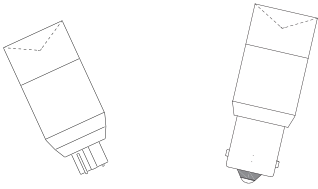
SPECIALTY BASE LEDS

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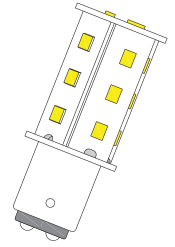
DOUBLE CONTACT BAYONET BASE

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

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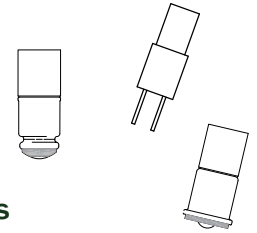
JKL Part No.	Voltage	Description	Color
LE-BA15S2.5-12CW	10-30V AC/DC	Multi-Chip LED Single Bayonet	Cool White

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
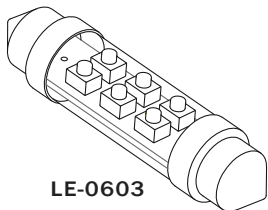
FESTOON LED LAMP REPLACEMENTS

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

24V 12V

LE-0603
SERIES

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**

12V

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

12V

G-4 TWO PIN LEDS

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

Z-G4-9   Z-G4-15WW

12V

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
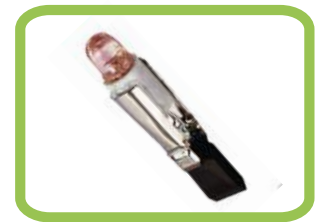
36V

JKL Part No.	Voltage	Description
Z-T55-NW	36V	T-5.5 Telephone Slide Base LED, Neutral White
Z-T55-R	36V	T-5.5 Telephone Slide Base LED, Red
Z-T55-G	36V	T-5.5 Telephone Slide Base LED, Green

T-2 TELEPHONE SLIDE BASE LEDS

24V

JKL Part No.	Voltage	Description
ZT-PSB-24W	24V	T-2 Telephone Slide Base LED, Cool White

JKL® COMPONENTS CORPORATION

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

- **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 ¼ 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
29MB-12	T-3 ¼ Bayonet Socket with 12" insulated lead wires
29MB-T	T-3 ¼ Bayonet Socket with screw mount terminal

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

JKL® COMPONENTS CORPORATION

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

bsi. ISO 9001 Quality Management

FM81364

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.

JKL® COMPONENTS CORPORATION

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.

JKL® COMPONENTS CORPORATION
Quality Lighting Solutions Since 1972

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