



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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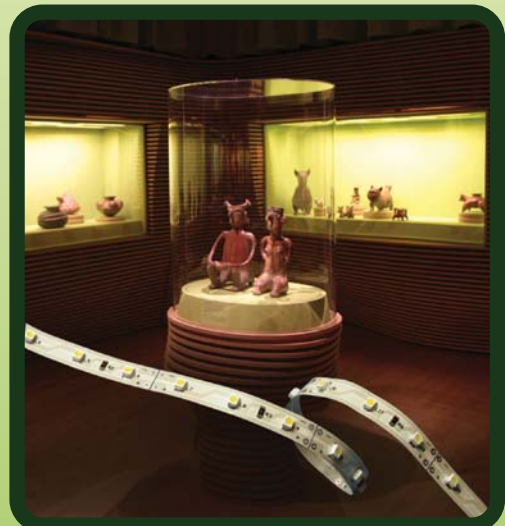
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JKL[®] COMPONENTS CORPORATION

LED PRODUCT GUIDE



JKL[®] COMPONENTS CORPORATION

LED PRODUCT GUIDE

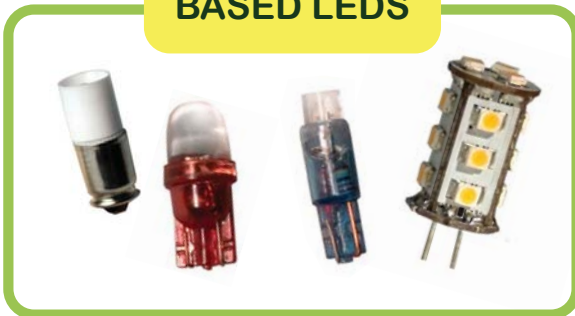
LINEAR LEDS



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 maintenance 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

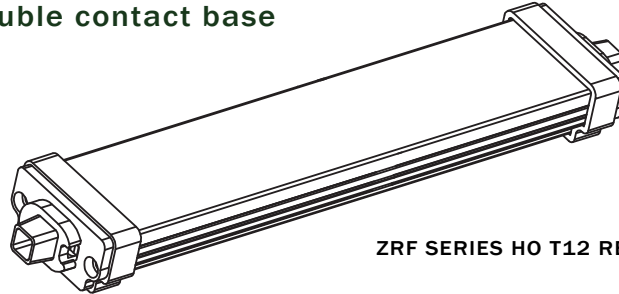
LINEAR LEDS

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



24V

R17D
Connection



ZRF SERIES HO T12 RETROFIT ALUMILINE®

JKL Part No.	Length (inches)	Industry Standard	Power
ZRF-24HO-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



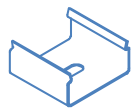
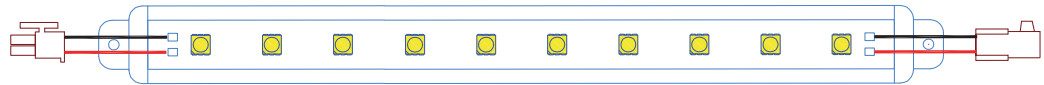
LINEAR LEDS

ZAF ALUMILINE® SERIES LED FIXTURES

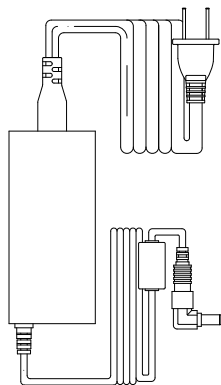


- 24 VDC Operation
- **IP65** Rated for outdoor applications
- On board screw holes & optional mounting clips
- Easy series operation with linking connector
- Available in 13", 19", 25", 37" and 48" lengths

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

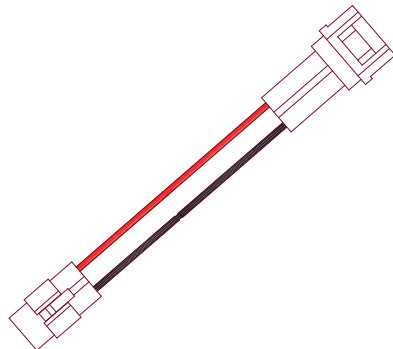
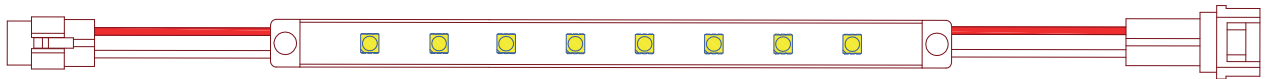
ALUMILINE[®] MAX SERIES FIXTURES

LINEAR LEDS

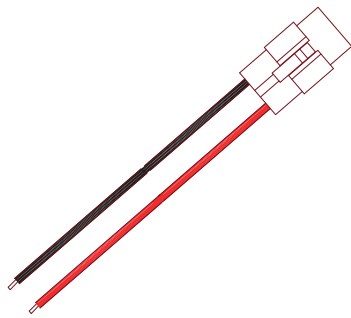
- 24 VDC operation
- **IP67** Rated for outdoor applications
- On board screw holes & optional mounting clips
- Easy series operation with linking connector
- Available in 13", 17", 25", 37" and 48" lengths



24V

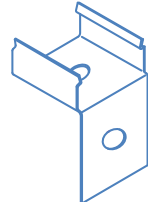


**ZWF-400-J
ALUMILINE[®] MAX
JUMPER CONNECTOR**

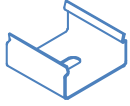


**ZWF-1000-I
ALUMILINE[®] MAX
INPUT CONNECTOR**

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**



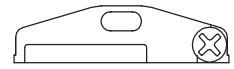
**ZWF-12-C
FLAT MOUNT CLIP**

LINEAR LEDS

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



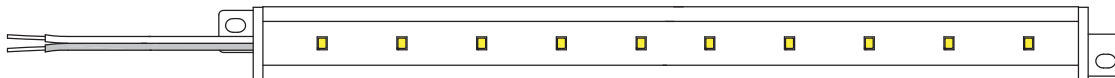
PROFILE VIEW

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

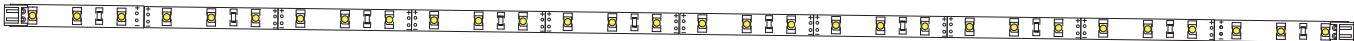
ZRS 19" LED PCB BARS




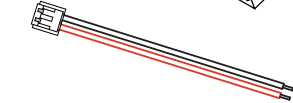

LINEAR LEDS

- 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



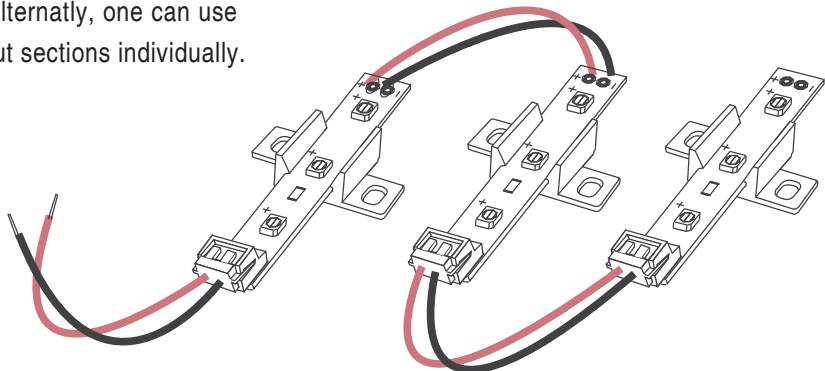
12V



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

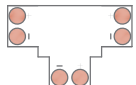
COOL WHITE
 NEUTRAL WHITE
 WARM WHITE

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

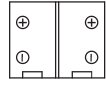
ZFS LED FLEX RIBBON CONNECTORS

LINEAR LEDS

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



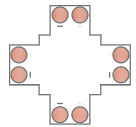
ZFS-CNT-8J



ZFS-CH0-8J



ZFS-CH140-8I



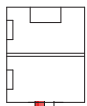
ZFS-CNX-8J



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

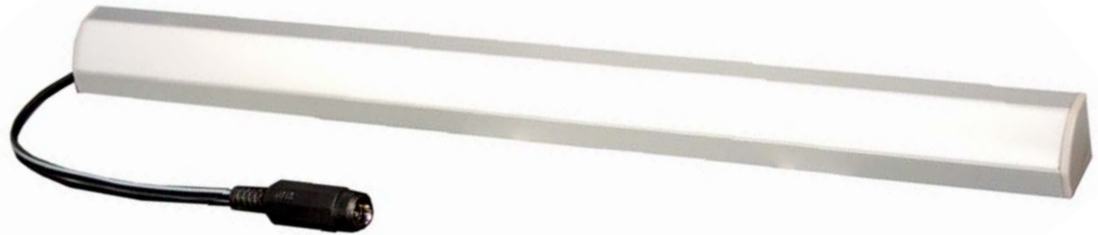


LINEAR LEDS

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



ADJUSTABLE WHITE LED FLEX RIBBON

LINEAR LEDS

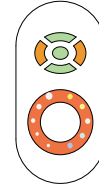
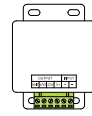
- 12VDC operation
- 5-meter flex reel has 300 LEDs
- Controller adjusts color & brightness
- White temperature is adjustable from 3200° - 6400° kelvin
- Operate up to 7 meters with one controller
- Peel & stick tape for easy mounting



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

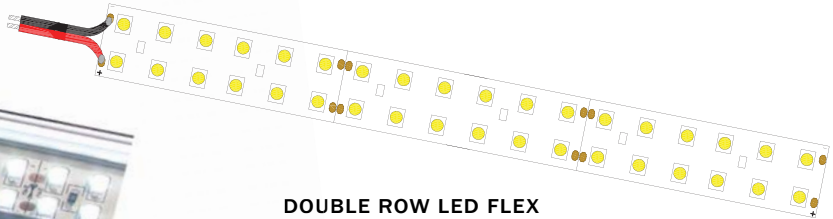


24V

12V



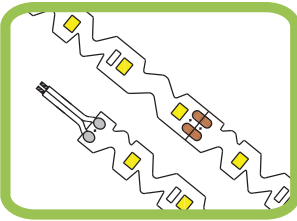
ZFS-155000 LED RIBBON IN
DOUBLE-WIDE CHANNEL RAIL
ZFC-242000-PC



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

LINEAR LEDS



12V

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



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

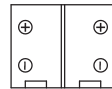


24V

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

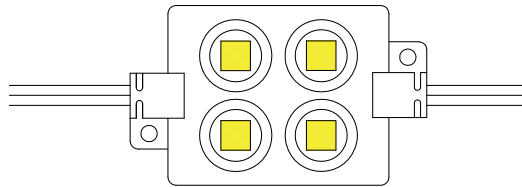
ZM SERIES CHANNEL LIGHTS

LINEAR LEDS

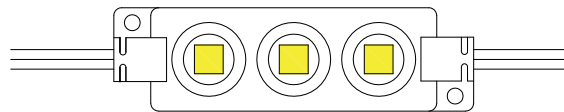
- 12VDC operation
- Range of LED viewing angles
- Peel & stick tape for quick mounting
- Built in mounting holes for ease of installation
- Wide Angle offers even illumination in tight spaces



12V



ZM-3354-CW



ZM-1968

JKL Part No.	Voltage	Description
<input type="radio"/> ZM-3354-CW	12VDC	4-LED Channel Light
<input type="radio"/> ZM-1968	12VDC	3-LED Channel Light - Cool White or Warm White
<input type="radio"/> ZM-3537-CW	12VDC	3-LED Wide Beam LED Channel Module - Cool White



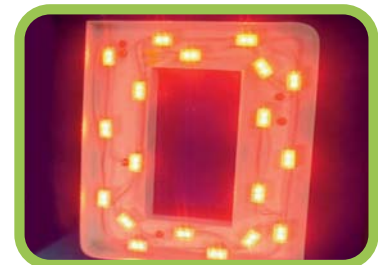
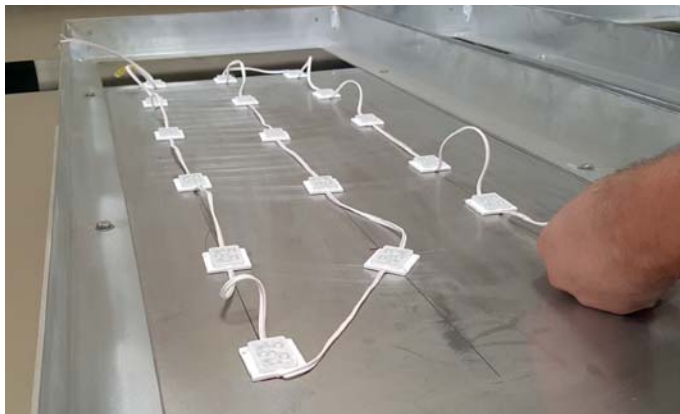
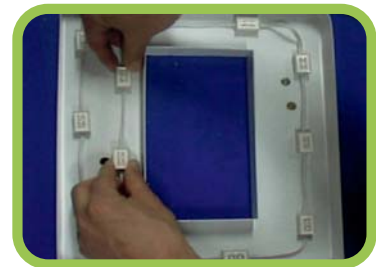
ZM-3537-CW

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

Great for
Channel Letters!



WATER RESISTANCE
RATED IP67

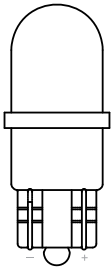


BASED LEDS



24V

12V



T-3 1/4 WEDGE BASE LEDS

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

JKL Part No.	Voltage	Description
LE-0503-03W	12V	T-3 1/4 Wedge Base LED - White
LE-0503-03B	12V	T-3 1/4 Wedge Base LED - Blue
LE-0503-03G	12V	T-3 1/4 Wedge Base LED - Green
LE-0503-03R	12V	T-3 1/4 Wedge Base LED - Red
LE-0503-03Y	12V	T-3 1/4 Wedge Base LED - Yellow
LE-0509-02W	24V	T-3 1/4 Wedge Base LED - White
LE-0509-02B	24V	T-3 1/4 Wedge Base LED - Blue
LE-0509-02G	24V	T-3 1/4 Wedge Base LED - Green
LE-0509-02R	24V	T-3 1/4 Wedge Base LED - Red
LE-0509-02Y	24V	T-3 1/4 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 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 1/4 AC/DC Flat multi-chip - White
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T-1 3/4 WEDGE BASE LEDS

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

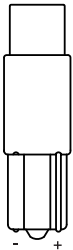
	JKL Part No.	Voltage	Description
○	LE-0504-01W	12V	T-1 3/4 Wedge Base LED - White
●	LE-0504-01B	12V	T-1 3/4 Wedge Base LED - Blue
●	LE-0504-01G	12V	T-1 3/4 Wedge Base LED - Green
●	LE-0504-01R	12V	T-1 3/4 Wedge Base LED - Red
●	LE-0504-01Y	12V	T-1 3/4 Wedge Base LED - Yellow
○	LE-0509-01W	24V	T-1 3/4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

BASED LEDS



24V

12V

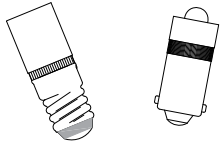


T-1 3/4 3-CHIP HIGH BRIGHT WEDGE LED

JKL Part No.	Voltage	Description
LEFW-F12	12V	T-1 3/4 High Bright multi-chip - White

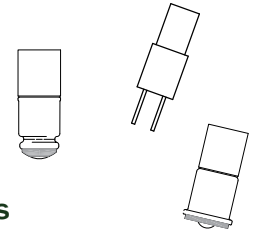


BASED LEDS



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



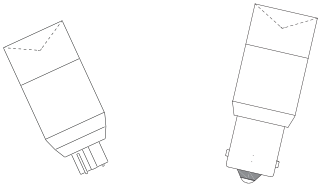
JKL Part No.	Voltages Available	Description	Colors
LE-MF	12V 24V	T-1¾ Flange Base LED	White

T-1 3/4 BI-PIN BASE



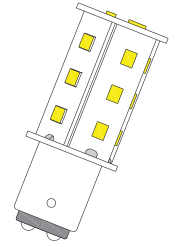
JKL Part No.	Voltages Available	Description	Colors
LE-BP	12V	T-1¾ Bi-Pin Base LED	White

BASED LEDS



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 LED T-3 1/4 Wedge	Warm White

T-3 1/4 HIGH OUTPUT WEDGE LED



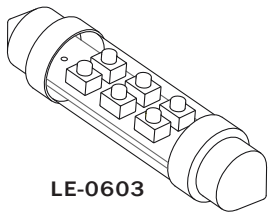
JKL Part No.	Voltage	Description	Color
LE-WB2W-12W	12V AC/DC	Diffused LED T-3 1/4 Wedge	White

BASED LEDs



24V

12V



LE-0603
SERIES

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



12V



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



12V

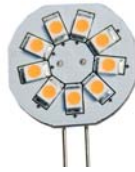
31mm FESTOON LED



LE-1031-02W	12VDC	31mm Festoon LED - Cool White
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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

BASED LEDs

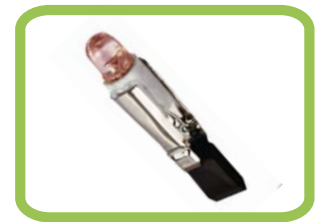


12V

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

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



24V

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

ACCESSORIES



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 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



FM81364

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.





JKL[®] COMPONENTS CORPORATION
Quality Lighting Solutions Since 1972

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