JKL® COMPONENTS CORPORATION

ALUMILINE® c(UL)US LISTED
WATER RESISTANT

Accessories:

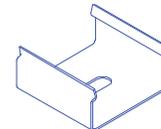|	
ZWF-1000-I	Input Connector
ZWF-400-J	Joiner Connector
ZWF-12-C	Mounting Clip
ZWF-1290-C	Right Angle Mounting Clip
ZDM-01	PWM LED Dimmer
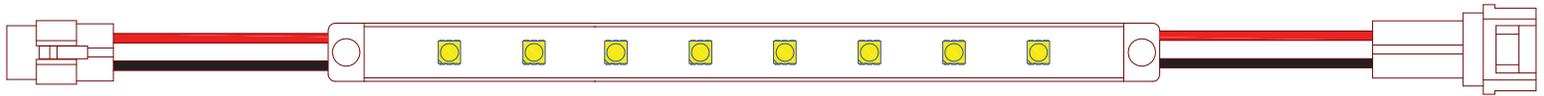
ALUMILINE® ZWF DIAGRAM
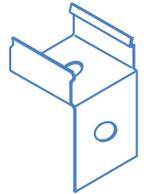
ZWF-400-J   ZWF-1000-I   ZWF-12-C   ZWF-1290-C

APPLICATIONS

JKL's UL listed Alumiline® LED ZWF-series light bars are commonly used in sign applications, architectural accent lighting, display case illumination and decorative lighting. Slimmer than the ZAF Alumiline® series, the ZWF fixtures use less power and are dust and water resistant with a rating of IP67.

WHITE RANGE

The Alumiline® ZWF series is available in two color temperatures:

6000°K COOL   3000°K WARM

LENGTH

The Alumiline® ZWF series comes in five lengths - 337mm, 438mm, 638mm, 939mm and 1239mm. The design allows for joining fixtures together with a jumper connector, rated for a maximum of 5.0 Amps. The jumper connector comes in four lengths; 175mm, 200mm, 400mm and 915mm.

Quality Lighting Solutions

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ZWF-SERIES

POWER INPUT

The ZWF bars operate on 24 VDC with a general power requirement of 3 Watts per linear foot. The current requirement for the longest unit (1.2meter or 4 feet) is 480mA. An input connector (ZWF-1000-I) plugs into the strip and connects to a 24 VDC power supply with wire nuts. The connector has a maximum rating of 5.0 Amps. 12 meters (40') of the LED bar can be connected without overheating.

CONNECTION & DISCONNECTION

Disconnect power before installing or servicing the fixtures. The ZWF series LED linear strips have IP67 rated connectors. You may connect the strips in series, or if additional spacing is required between units a jumper is available (in 8", 16" and 36" lenghts) for interconnecting. The power input connection has 3' wires for remotely placing your power supply. The connector linking the fixture can be disconnected by depressing the black tab and pulling.
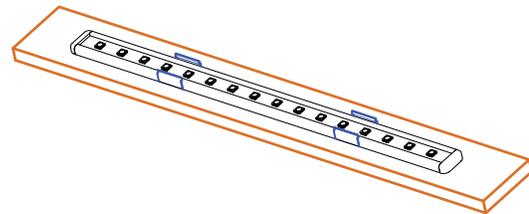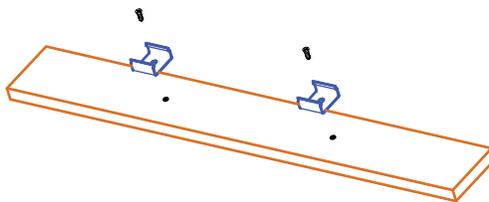
INSTALLATION & MOUNTING

The ZWF fixtures are fitted with mounting holes for ease of installation. Optional mounting clips are recommended for additional support when high winds or vibrations are present.
Use a #8 screw for installation
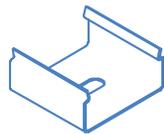
ZWF-12-C MOUNTING CLIP   ZWF-1290-C 90° MOUNTING CLIP

OUTPUT DIMMING

Optimum dimming is accomplished with a PWM, such as the ZDM-01, which will maintain power to the ZWF Alumiline®. The dimmer varies the duty-cycle to the LED which permits easy changes to the light output.

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