

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!



## Contact us

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### **Features**

High Brightness
Long Life
Low Power Consumption
RoHS Compliant
No UV Emission
Thermally Optimized
Low Profile
IP67
Mounting Holes for Ease of Installation





**ALUMILINE® LED FIXTURE** 

### **Maximum Ratings**

Parameter	Symbol	Rating	Units
LED Junction Temperature	$T_J$	125	°C
Operating Temperature	T <sub>opr</sub>	-30 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +85	°C
Input Voltage	Vin DC	20 - 35	Volts

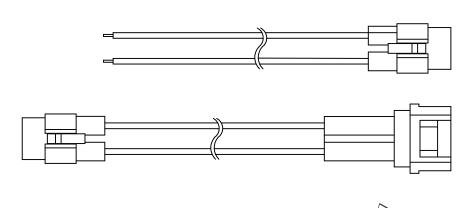
### **Accessories**

ZPS-2435: 24V, 35 Watt Power Supply ZPS-2460: 24V, 60 Watt Power Supply

ZDM-01: PWM LED Dimmer

Note: ZPS-2435 and ZPS-2460 require use of wire nuts for connections.

### **Mating Components**



ZWF-1000-I: Input Connector

ZWF-CH-J: Jumper Connector

ZWF-12-C: Mounting Clip

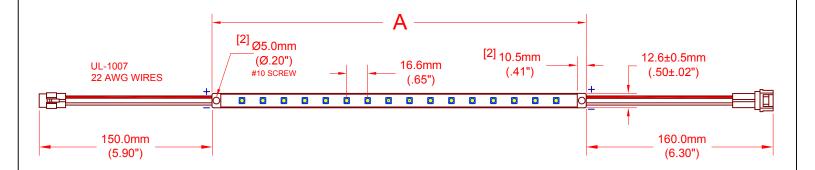
#### **Note**

Please refer to JKL Application Sheet JKL-AS-ZWF-ALUMILINE for Installation and Power recommendations.

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D	ADD PART # ZWF-438-24WW, CHNG. ZWF-438 -24CW 26 LEDS TO 24 LEDS	8/7/14	$\oplus$	TOLERANCE OTHERWISE 1 PL +/-	UNLESS SPECIFIED REF.	TITLE					
C	CHANGE PART NO. ZWF-486-24CW TO 438	1/9/13	THIRD ANGLE	2 PL +/-	REF.		ALU	MILINE ©24	V DC LED F	IXTURE	
В	ADD PART NO. ZWF-486-24CW ON PG. 2	11/27/12	PROJECTION DRAWN BY	ANGLE +/-	REF.	SIZE	FSCM NO.	DRAWING			
Α	CHANGE MOUNTING CLIP PART NO.	9/18/12	L. WENGSTROM		8/7/14	A	1 -	NO. Z	NF-MULTI		
	RELEASE AND CANCEL PL-1206-03	6/27/12				SCALE		RELEASED	REVISION	REV.	I SHEET
REV. NO.	DESCRIPTION/ECO NUMBER	APPV'D DATE	- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED		SCALE		DATE 6/27/12	DATE 8/7/14	NO. D	1 OF 2	

# **ALUMILINE**® **LED FIXTURE**

### **Dimensions**



## **Electro-Optical Characteristics (Ta = 25°C)**

### **COLOR: COOL WHITE 6000K**

JKL	Dimension <b>A</b>	Number	Power	Current	Lumen
Part Number	± 5.0mm (±0.2 inch)	LEDs	(W)	(mA)	Flux (lm)
ZWF-337-24CW	337.0 (13.27)	18	2.9	120	248
ZWF-438-24CW	438.0 (17.24)	24	4.19	173	358
ZWF-638-24CW	638.0 (25.12)	36	5.8	240	469
ZWF-939-24CW	939.0 (36.97)	54	8.7	350	691
ZWF-1239-24CW	1239.0 (48.78)	72	11.6	480	912

### **COLOR: WARM WHITE 3000K**

ZWF-337-24WW	337.0 (13.27)	18	2.9	120	230
ZWF-438-24WW	438.0 (17.24)	24	3.9	162	340
ZWF-638-24WW	638.0 (25.12)	36	5.8	240	435
ZWF-939-24WW	939.0 (36.97)	54	8.7	350	690
ZWF-1239-24WW	1239.0 (48.78)	72	11.6	480	845

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OILL	CORPORATION

	DRAWING NO. ZWF-MULTI					
1	RELEASED DATE	6/27/12	REVISION DATE	8/7/14	REV. D	SHEET 2