

19.0mm X 57.0mm WATER RESISTANT LED MODULES

FEATURES

VOLTAGE: 12V DC PER MODULE

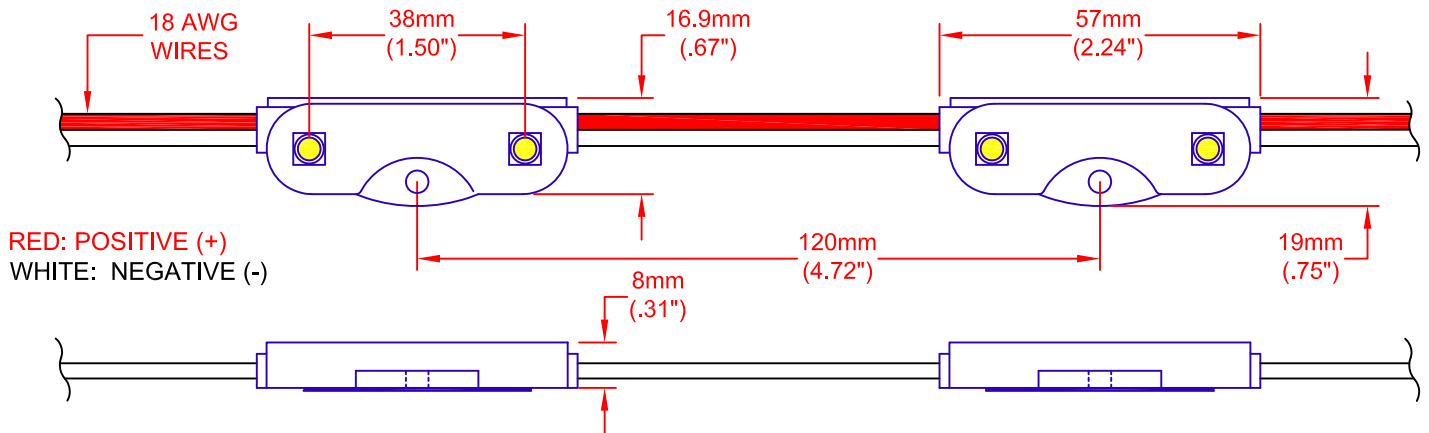
CURRENT: 60mA PER MODULE

LED VIEWING ANGLE (2 θ 1/2): 120°

MODULE THICKNESS: 8mm

PACKAGE: 50 PIECES PER REEL

IP67



ALL DIMENSIONS ARE REFERENCE ONLY

NOTES:

- STANDARD MOUNTING INCLUDES ADHESIVE BACKING AND MOUNTING TABS FOR A #6 SCREW (SCREWS NOT INCLUDED).
- JKL ACCESSORIES TO BE ORDERED SEPARATELY: ZPS-1235 OR ZPS-1260 POWER SUPPLIES.
- DUE TO WIRE GAUGE USED IN THE CONSTRUCTION OF THE MODULES SERIAL RUNS SHOULD BE LIMITED TO 39 FEET OR 100 MODULES.
- POWER CONSUMPTION 2.2 WATTS PER FOOT.

PLEASE REFER TO JKL APPLICATION SHEET: JKL-AS-ZM-CHANNEL-LED FOR INSTALLATION AND POWER RECOMMENDATIONS.

Electrical/Optical Characteristics at TA = 25°C

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage DC	VF	IF = 60mA	--	12	--	V
Color Temperature	TC	IF = 60mA	7500			K
Luminous Flux per Module	$\phi V/Mod$	IF = 60mA	--	26	--	lm/mod
Luminous Flux per Ft.	$\phi V/Ft$	--	--	66	--	lm/ft
Recommend Forward Current	IF(rec)	--	--	60	--	mA

Absolute Maximum Rating at TA = 25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	60	mA
Power Dissipation	PD	0.75	W
Electrostatic Discharge	ESD	800	V
Operating Temperature	Topr	-20~+70	°C
Storage Temperature	Tstg	-40~+80	°C



OBSERVE PRECAUTION FOR HANDLING ELECTROSTATIC DISCHARGE SENSITIVE DEVICES

JKL PART NO.: ZM-1957-CW

REV. NO.	DESCRIPTION/ECO NUMBER	APPV'D DATE
D	ADD REFERENCE NOTE	8/30/11
C	ADD WIRE TYPE & CHANGE NOTES	7/5/11
B	ADD UL SYMBOL	4/14/11
A	CHNG NOTE 3 AND ELECT/OPT CHART	3/23/11
	RELEASED AND CANCEL PL-1101-04	3/1/11

METRIC	DIMENSIONS ARE IN mm & (INCHES)
	TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- REF. 2 PL +/- ANGLE +/-
THIRD ANGLE PROJECTION	
DRAWN BY L. WENGSTROM	APPV'D BY L.R. DATE 8/30/11
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED	

JKL COMPONENTS CORPORATION	
TITLE COOL WHITE 2 LED MODULE CHANNEL LIGHT	
SIZE A	FSCM NO. 55335
DRAWING NO. ZM-1957-CW	
SCALE NONE	RELEASED DATE 3/1/11
REVISION DATE 8/30/11	REV. NO. D
SHEET 1 OF 1	