19.0mm X 57.0mm WATER RESISTANT LED MODULES

FEATURES

VOLTAGE: 12V DC PER MODULE

CURRENT: 60mA PER MODULE
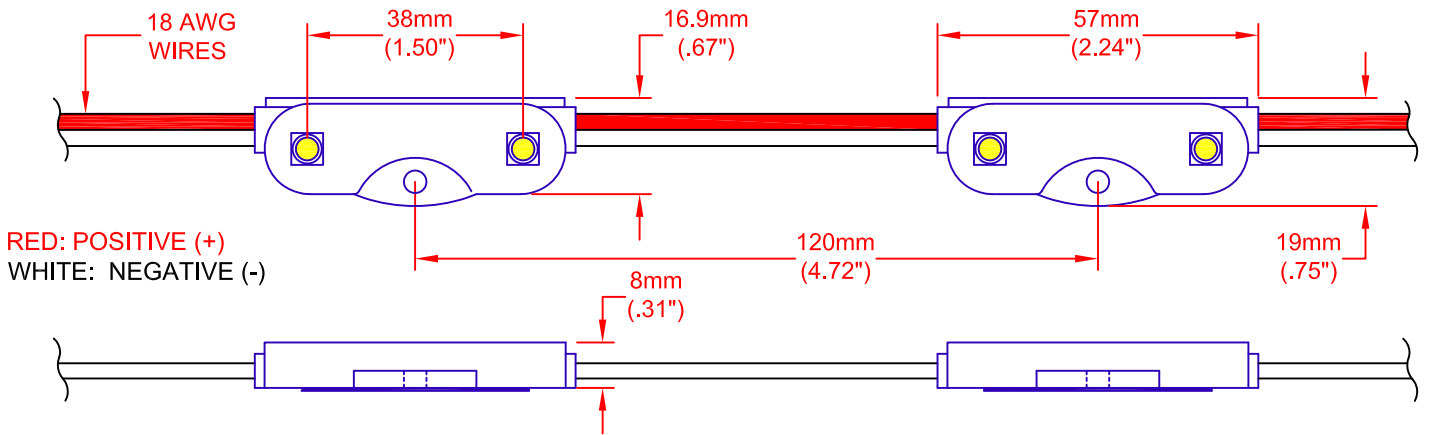
LED VIEWING ANGLE (2 θ 1/2): 120^0

MODULE THICKNESS: 8mm

PACKAGE: 50 PIECES PER REEL

IP67

18 AWG WIRES

38mm (1.50")   16.9mm (.67")   57mm (2.24")

RED: POSITIVE (+)
WHITE: NEGATIVE (-)

120mm (4.72")   19mm (.75")

8mm (.31")

ALL DIMENSIONS ARE REFERENCE ONLY

NOTES:
1. STANDARD MOUNTING INCLUDES ADHESIVE BACKING AND MOUNTING TABS FOR A #6 SCREW (SCREWS NOT INCLUDED).

2. JKL ACCESSORIES TO BE ORDERED SEPARATELY: ZPS-1235 OR ZPS-1260 POWER SUPPLIES.

3. DUE TO WIRE GAUGE USED IN THE CONSTRUCT- ION OF THE MODULES SERIAL RUNS SHOULD BE LIMITED TO 39 FEET OR 100 MODULES.

4. 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 = 25ºC

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	φV/Mod	IF = 60mA	--	26	--	lm/mod
Luminous Flux per Ft.	φV/Ft	--	--	66	--	lm/ft
Recommend Forward Current	IF(rec)	--	--	60	--	mA

Absolute Maximum Rating at TA = 25ºC

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	ºC
Storage Temperature	Tstg	-40~+80	ºC

UL us
E339601

JKL PART NO.: ZM-1957-CW

METRIC

THIRD ANGLE PROJECTION

DIMENSIONS ARE IN mm & (INCHES)

TOLERANCE UNLESS OTHERWISE SPECIFIED
1 PL +/-   REF.
2 PL +/-
ANGLE +/-

JKL COMPONENTS CORPORATION

TITLE
COOL WHITE 2 LED MODULE CHANNEL LIGHT

DRAWN BY L. WENGSTROM   APPV'D BY L.R.   DATE 8/30/11

SIZE A   FSCM NO. 55335   DRAWING NO. ZM-1957-CW

- CAD DRAWING -
MANUAL REVISIONS NOT PERMITTED

SCALE NONE   RELEASED DATE 3/1/11   REVISION DATE 8/30/11   REV. NO. D   SHEET 1 OF 1

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