

FEATURES

VOLTAGE: 12V DC PER MODULE

CURRENT: 40mA PER MODULE

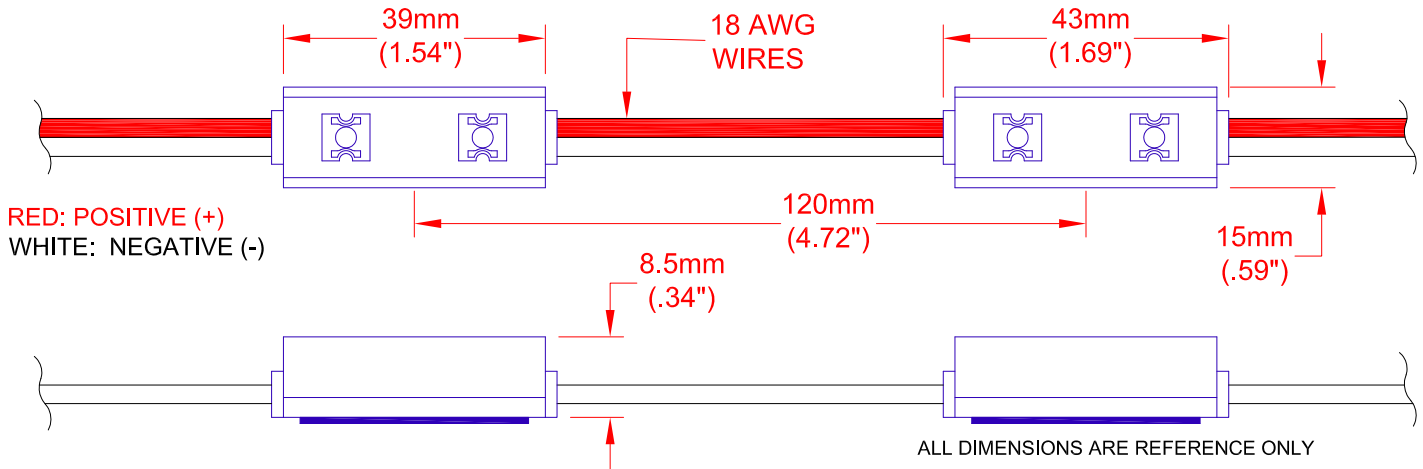
LED VIEWING ANGLE (2 θ 1/2): 120°

MODULE THICKNESS: 8.5mm

PACKAGE: 50 MODULES PER REEL

IP67

15mm X 43mm WATER RESISTANT LED MODULES



NOTES:

1. STANDARD MOUNTING INCLUDES ADHESIVE BACKING.
2. JKL ACCESSORIES TO BE ORDERED SEPARATELY: ZPS-1235 OR ZPS-1260 POWER SUPPLIES.
3. DUE TO WIRE GAUGE USED IN THE CONSTRUCTION OF THE MODULES SERIAL RUNS SHOULD BE LIMITED TO 16 FEET OR 50 MODULES.
4. POWER CONSUMPTION 1.4 WATTS PER FOOT.

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



ATTENTION



OBSERVE PRECAUTION
FOR HANDLING ELECTROSTATIC
DISCHARGE SENSITIVE DEVICES

Electrical/Optical Characteristics at TA = 25°C

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage DC	VF	IF = 40mA	--	12	--	V
Color Temperature	TC	IF = 40mA	RED 625			nm
Luminous Flux per Module	$\phi V/Mod$	IF = 40mA	--	14	--	lm/module
Luminous Flux per Ft.	$\phi V/Ft$	--	--	42	--	lm/ft
Recommend Forward Current	IF(rec)	--	--	40	--	mA

Absolute Maximum Rating at TA = 25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	40	mA
Power Dissipation	PD	0.5	W
Electrostatic Discharge	ESD	800	V
Operating Temperature	Topr	-20~+70	°C
Storage Temperature	Tstg	-40~+80	°C

JKL PART NO.: ZM-1543-R

REV. NO.	DESCRIPTION/ECO NUMBER	APP'D DATE
D	CHANGE CHART, NOTES & LINE DRW.	11/20/12
C	ADD REFERENCE NOTE	8/30/11
B	ADD WIRE TYPE & CHANGE NOTES	7/5/11
A	ADD UL SYMBOL	4/14/11
	RELEASED AND CANCEL PL-1101-03	3/2/11

METRIC	DIMENSIONS ARE IN mm & (INCHES)
THIRD ANGLE PROJECTION	TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- REF. 2 PL +/- ANGLE +/-
DRAWN BY L. WENGSTROM	APP'D BY DATE L.R. 11/20/12
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED	

JKL COMPONENTS CORPORATION	
TITLE RED 2 LED MODULE CHANNEL LIGHT	
SIZE A	FSCM NO. 55335
DRAWING NO. ZM-1543-R	RELEASED DATE 3/2/11
REVISION DATE 11/20/12	REV. NO. D
SHEET 1 OF 1	