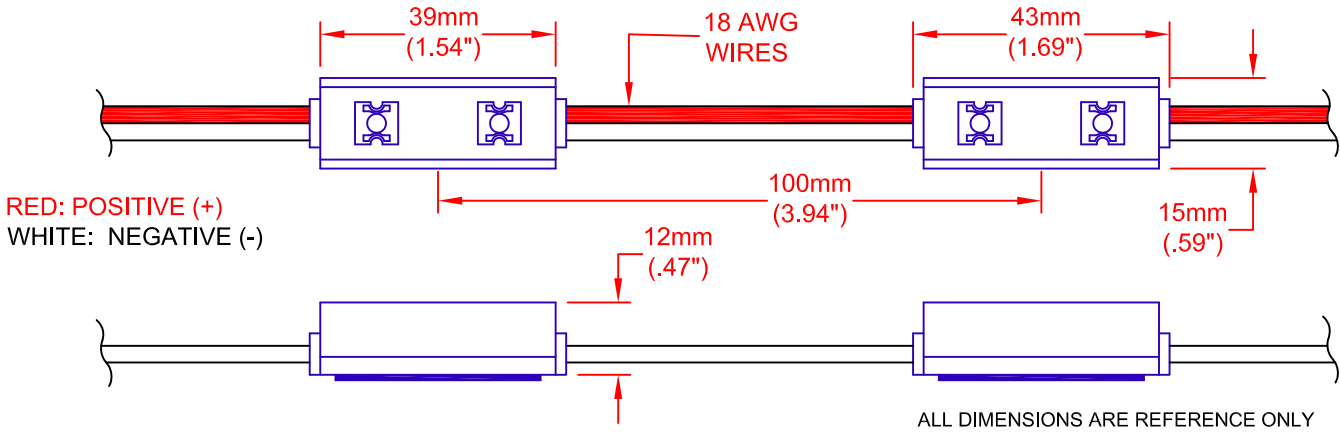


15mm X 43mm WATER RESISTANT LED MODULES

FEATURES

- VOLTAGE: 12V DC PER MODULE
- CURRENT: 40mA PER MODULE
- LED VIEWING ANGLE (2 θ 1/2): 105°
- MODULE THICKNESS: 12mm
- PACKAGE: 100 MODULES PER REEL
- IP67



NOTES:

- STANDARD MOUNTING INCLUDES ADHESIVE BACKING.
- 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 33 FEET OR 100 MODULES.
- POWER CONSUMPTION 1.5 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 = 40mA	--	12	--	V
Color Temperature	TC	IF = 40mA	RED 625			nm
Luminous Flux per Module	φV/Mod	IF = 40mA	--	6	--	lm/mod
Luminous Flux per Ft.	φV/Ft	--	--	18	--	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



ATTENTION



OBSERVE PRECAUTION FOR HANDLING ELECTROSTATIC DISCHARGE SENSITIVE DEVICES

JKL PART NO.: ZM-1543-R

METRIC THIRD ANGLE PROJECTION		DIMENSIONS ARE IN mm & (INCHES) TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- REF. 2 PL +/- ANGLE +/-		JKL COMPONENTS CORPORATION TITLE RED 2 LED MODULE CHANNEL LIGHT				
C ADD REFERENCE NOTE B ADD WIRE TYPE & CHANGE NOTES A ADD UL SYMBOL RELEASED AND CANCEL PL-1101-03	8/30/11 7/5/11 4/14/11 3/2/11	DRAWN BY L. WENGSTROM	APP'VD BY DATE L.R. 8/30/11	SIZE A	FSCM NO. 55335	DRAWING NO. ZM-1543-R		
REV. NO. DESCRIPTION/ECO NUMBER APP'VD DATE		- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED		SCALE NONE	RELEASED DATE 3/2/11	REVISION DATE 8/30/11	REV. NO. C	SHEET 1 OF 1