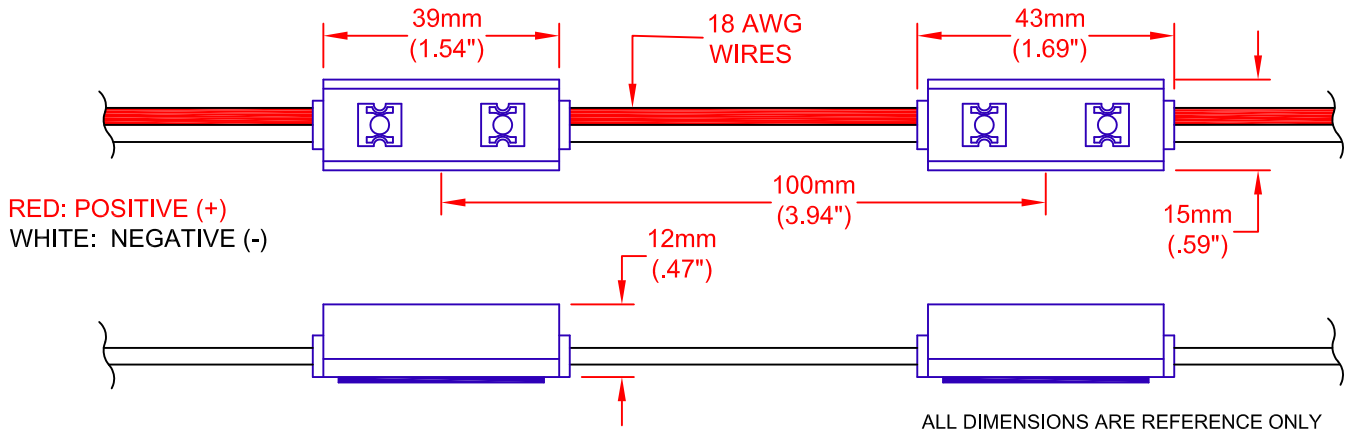


15mm X 43mm WATER RESISTANT LED MODULES

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.

Electrical/Optical Characteristics at TA = 25°C

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage DC	V _F	I _F = 40mA	--	12	--	V
Color Temperature	TC	I _F = 40mA	RED 625			K
Luminous Flux per Module	ϕ_V /Mod	I _F = 40mA	--	6	--	lm/mod
Luminous Flux per Ft.	ϕ_V /Ft	--	--	18	--	lm/ft
Recommend Forward Current	I _F (rec)	--	--	40	--	mA

Absolute Maximum Rating at TA = 25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	I _F	40	mA
Power Dissipation	P _D	0.5	W
Electrostatic Discharge	ESD	800	V
Operating Temperature	T _{opr}	-20~+70	°C
Storage Temperature	T _{stg}	-40~+80	°C



ATTENTION



OBSERVE PRECAUTION
 FOR HANDLING ELECTROSTATIC
 DISCHARGE SENSITIVE DEVICES

JKL PART NO.: ZM-1543-R

METRIC			DIMENSIONS ARE IN mm & (INCHES)			JKL COMPONENTS CORPORATION		
THIRD ANGLE PROJECTION			TOLERANCE UNLESS OTHERWISE SPECIFIED			TITLE		
DRAWN BY			APPV'D BY			RED 2 LED MODULE CHANNEL LIGHT		
L. WENGSTROM			DATE			ZM-1543-R		
- CAD DRAWING -			SCALE			NONE		
MANUAL REVISIONS NOT PERMITTED			RELEASED DATE			3/2/11		
REV. NO.			REVISION DATE			7/5/11		
DESCRIPTION/ECO NUMBER			REV. NO.			B		
APPV'D DATE			SHEET			1 OF 1		
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					