

## FEATURES

VOLTAGE: 12V DC PER MODULE

CURRENT: 89mA PER MODULE

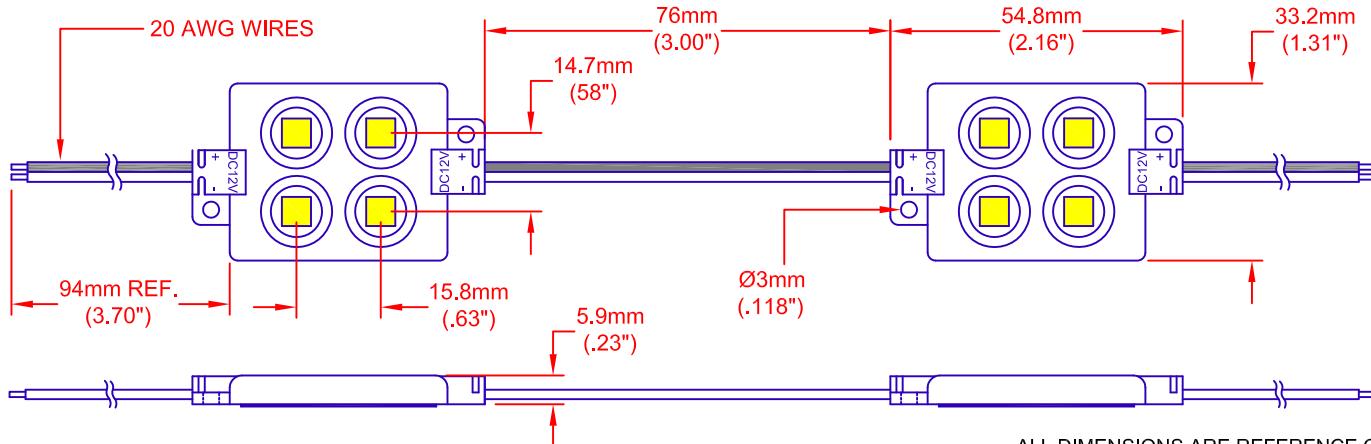
LED VIEWING ANGLE (2 Ø 1/2): 120°

MODULE THICKNESS: 5.9mm

PACKAGE: 20 PIECES PER REEL

WATER RESISTANCE

## 33.2mm X 54.8mm WATER RESISTANT LED MODULES

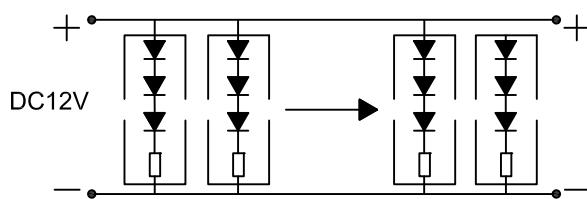


ALL DIMENSIONS ARE REFERENCE ONLY

### 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 CONSTRUCTION OF THE MODULES SERIAL RUNS SHOULD BE LIMITED TO 17 FEET OR 40 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.



### 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 = 89mA	--	12	--	V
Color Temperature	TC	IF = 89mA		6000		K
Luminous Flux per Module	ΦV/Mod	IF = 89mA	--	40	--	lm/mod
Luminous Flux per Ft.	ΦV/Ft		--	93	--	lm/ft
Recommend Forward Current	IF(rec)		--	89	--	mA

### Absolute Maximum Rating at TA = 25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	89	mA
Power Dissipation	PD	1.065	W
Electrostatic Discharge	ESD	800	V
Operating Temperature	Topr	-20~+40	°C
Storage Temperature	Tstg	-25~+60	°C

JKL PART NO.: ZM-3354-CW

<b>METRIC</b> 	DIMENSIONS ARE IN mm & (INCHES) TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- REF. 2 PL +/- ANGLE +/-	<b>JKL</b> COMPONENTS CORPORATION				
						THIRD ANGLE PROJECTION
DRAWN BY L. WENGSTROM	APPVD BY L.R.	DATE 9/7/11	SIZE <b>A</b>	FSCM NO. <b>55335</b>	DRAWING NO. <b>ZM-3354-CW</b>	
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED			SCALE NONE	RELEASED DATE 3/3/11	REVISION DATE 9/7/11	REV. NO. <b>D</b>
REV. NO.	DESCRIPTION/ECO NUMBER	APPVD DATE				SHEET 1 OF 1