

40.0mm X 47.6mm WATER RESISTANT LED MODULES

FEATURES

VOLTAGE: 12V DC PER MODULE

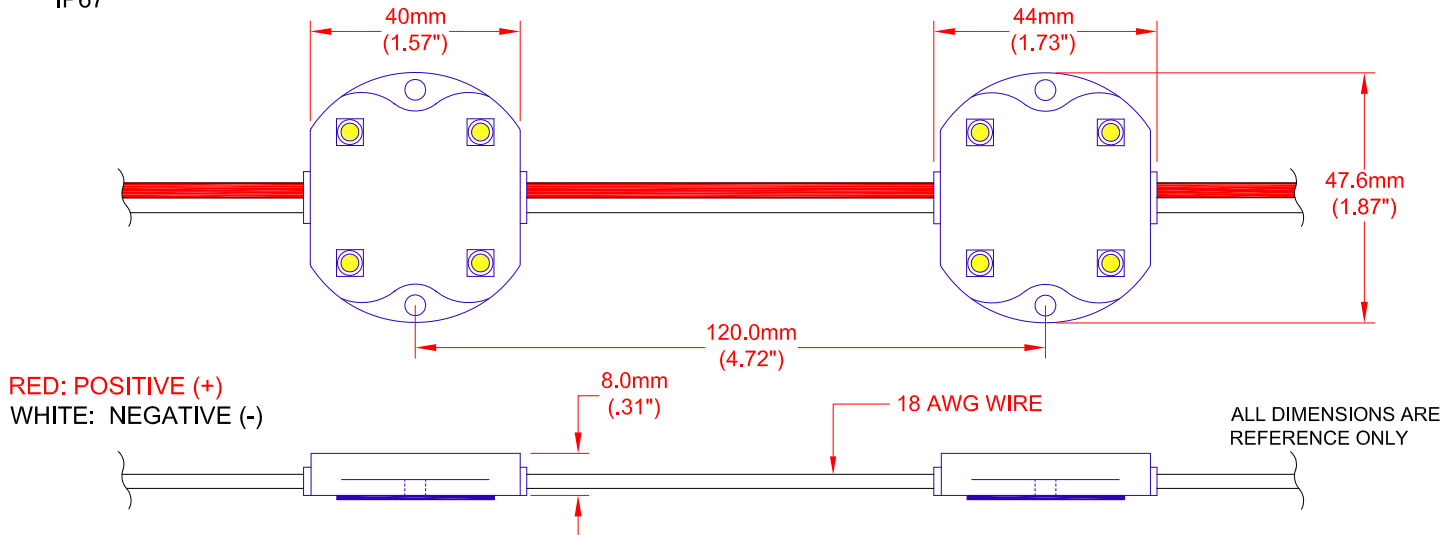
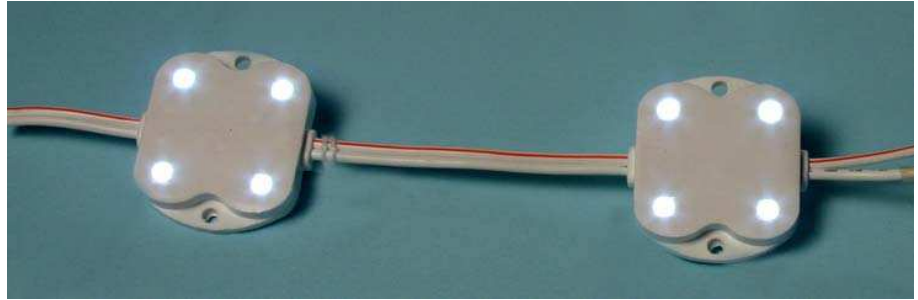
CURRENT: 110mA PER MODULE

LED VIEWING ANGLE (2 θ 1/2): 120°

MODULE THICKNESS: 8mm

PACKAGE: 50 PIECES PER REEL

IP67



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 SERIES RUNS SHOULD BE LIMITED TO 20 FEET OR 50 MODULES.
4. POWER CONSUMPTION 4 WATTS PER FOOT.

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



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 = 100mA	--	12	--	V
Color Temperature	TC	IF = 100mA	7500			K
Luminous Flux per Module	$\phi V/\text{Mod}$	IF = 100mA	--	52	--	lm/mod
Luminous Flux per Ft.	$\phi V/\text{Ft}$	--	--	132	--	lm/ft
Recommend Forward Current	IF(rec)	--	--	110	--	mA

Absolute Maximum Rating at TA = 25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	110	mA
Power Dissipation	PD	1.3	W
Electrostatic Discharge	ESD	800	V
Operating Temperature	Topr	-20~+70	°C
Storage Temperature	Tstg	-40~+80	°C

JKL PART NO.: ZM-4047-CW

METRIC			DIMENSIONS ARE IN mm & (INCHES)			JKL COMPONENTS CORPORATION		
TOLERANCE UNLESS OTHERWISE SPECIFIED			1 PL +/- REF.			TITLE		
2 PL +/-			ANGLE +/-			COOL WHITE 4 LED MODULE CHANNEL LIGHT		
THIRD ANGLE PROJECTION			DRAWN BY			SIZE		
L. WENGSTROM			APP'D BY			FSCM NO.		
L.R.			DATE			DRAWING NO.		
3/5/12			3/5/12			ZM-4047-CW		
- CAD DRAWING -			SCALE			RELEASED DATE		
MANUAL REVISIONS NOT PERMITTED			NONE			3/1/11		
REV. NO.			DESCRIPTION/ECO NUMBER			REVISION DATE		
3/1/11			APP'D DATE			3/5/12		
E			CORRECT NOTE			REV. NO.		
D			ADD APPLICATIONS NOTE			E		
C			ADD TYPE OF WIRE & CHNG NOTES			1 OF 1		
B			ADD UL SYMBOL					
A			CHANGE NOTE 3 & ELEC/OPT CHART					
			RELEASED AND CANCEL PL-1101-01					