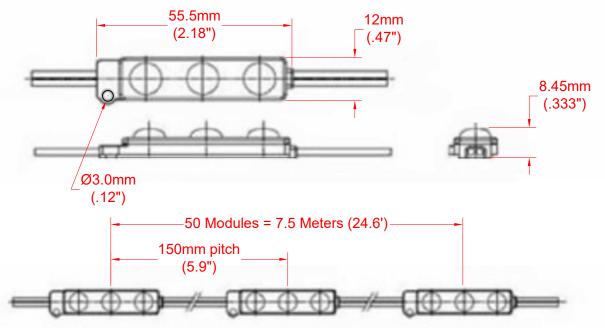
## 170° WIDE BEAM LED CHANNEL for SMALL or MEDIUM CHANNEL LETTERS and SIGN BOXES

## **FEATURES**

**12V DC IP67** 50,000 Life Hours/5 Year Warranty 115 lm/W High Efficacy Operating Temperature -20°C to +70°C 170° Wide Beam 50 Modules Per Strand Can be Produced in Various Colors





## NOTES:

Mounting can be accomplished with double sided tape that is on the backside of modules. Screw holes are also present. Wire with Red Stripe is Positive Input.

Use no more than 50 modules in series.

Take care to prevent exposed wire on the ends.



JKL	Input	Power per		Beam		Lumen Flux	Lumen	No. Modules
Part Number	Voltage	Module	CCT	Angle	CRI	Per Module	Efficacy	Per a Pack
ZM-333-CW	12V DC	0.66 W	6500K	170°	Ra80	76 lm	115 lm/W	50/7.5 Meters

		METRIC	DIMENSIONS ARE IN mm (INCHES) TOLERANCE UNLESS		JKL COMPONENTS CORPORATION							
			THIRD ANGLE PROJECTION	OTHERWISE 1 PL +/- 2 PL +/- ANGLE +/-	REF.			BEAM LED CHANNEL MODULE				
	RELEASED	9/14/19	I WENGSTROM	APPV'D BY S.C.	DATE 9/14/19	SIZE	55335	DRAWING NO.	. ZN	I-333-CW		
REV. NO.	· · · · · · · · · · · · · · · · · · ·	APPV'D DATE	- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED			SCALE		RELEASE DATE	<sup>D</sup> 9/14/19	REVISION DATE	REV. NO.	SHEET 1 OF 1

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ZLF0310W62524 LF1D-F2F-2W-300 HH-SWW528F210W12-COB IP65 HH-SG528F010W24-COB IP20 LF2D-EN2F-2W-A 10001622 LFBHL-SW827-24V-8S63-20 LFBHL-SW860-24V-8S63-20 LFBHL-SW940-24V-8S63-20 HH-SRGB60F010W24-5050M N006120BB1LZ (GREEN) N006120BB1LZ (ICE BLUE) N006120BB1LZ (RED) N006120BC1LZ (BLUE) N006120BC1LZ (GREEN) N006120BC1LZ (RED) RF-G27HI3510-241202081-A0 IP20 S010030CB3SB7 S010030CB3SB7 (BLACK PCB) S010060CB1LZ (NEUTRAL WHITE IP65) S010060CB1LZ (WARM WHITE IP65) S010060CB1LZ (WARM WHITE IP65) S012060CB4ST (BLACK PCB) L202-3080033C30001 00219015 10001611 10001612 10001613 10001617 10001619 10001623 10001655 10001657 10001661 10001664 10001670 10001674 10001675 10001681 10001683 10001690 PUUA-100LLL-NK2P QAUR1161L030 HC-F12V-3535 PCBA HC-F12V-F50-3L-WS2811 HC-F12V-WS2811-3535 HC-F5V-144L-144LED-B-WS2813 IP65 HC-F5V-144L-144LED-W/IP65 HC-F5V-144L-1