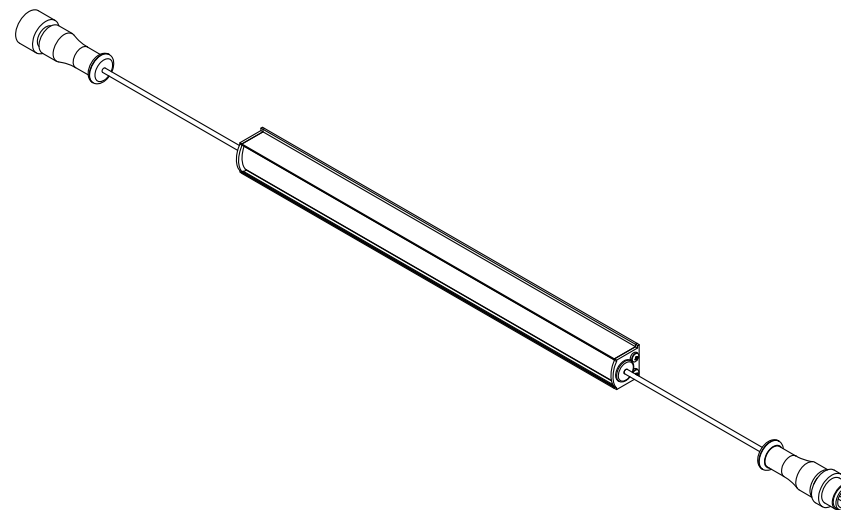
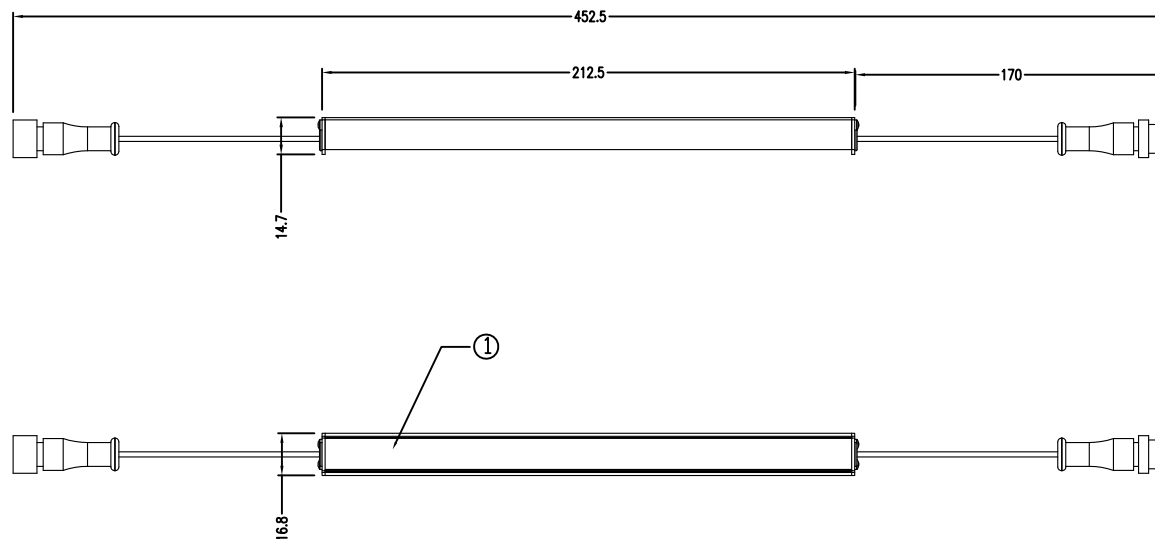




NOTE:
1) SML-LX19012UWC-WB7

ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $I_f=320\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH				nm	
FORWARD VOLTAGE		12		Vf	
REVERSE VOLTAGE	5.0			Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY		240		mcd	$I_f=600\text{mA}$
VIEWING ANGLE		170		2x theta	
COLOR TEMP		3500			
EMITTED COLOR:	WARM WHITE				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT*	I_p	1000	mA
STEADY CURRENT	I_f	600	mA
LED JUNCTION TEMPERATURE		130	mW
DERATE FROM 25°C		-1.2	mW/ $^{\circ}\text{C}$
OPERATING TEMP.	T_{opr}	-20 TO +70	$^{\circ}\text{C}$
STORAGE TEMP.	T_{stg}	-20 TO +70	$^{\circ}\text{C}$

* $t < 10\mu\text{s}$

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= ± 1 (± 0.039), X.X= ± 0.5 (± 0.020), X.XX= ± 0.25 (± 0.010), X.XXX= ± 0.127 (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN.= $\frac{+ \text{DECIMAL PRECISION}}{-0.00}$ MAX.= $\frac{+0.00}{- \text{DECIMAL PRECISION}}$

UNCONTROLLED DOCUMENT



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WHITE FLIP CHIP LED LIGHT BAR

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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