



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



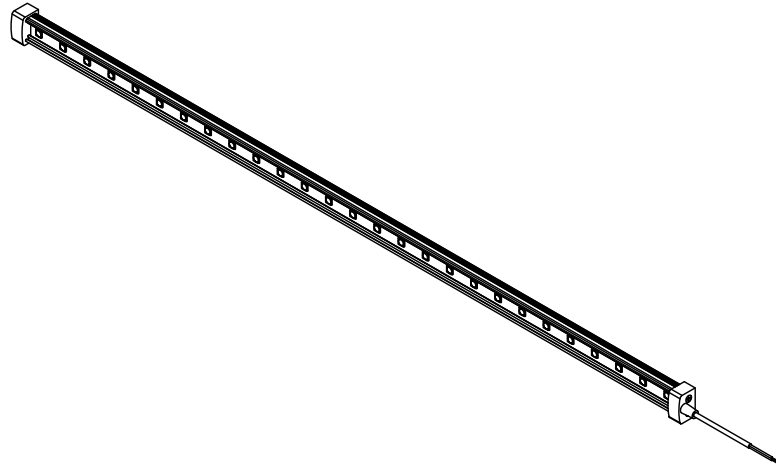
## Contact us

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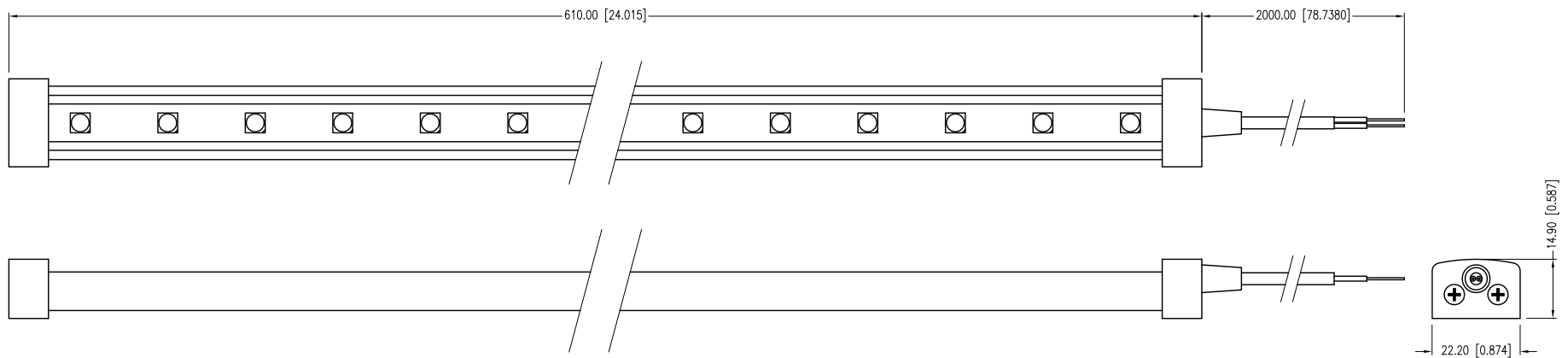




ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$		$V_f=24\text{V DC}$			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
WAVELENGTH	655		665	nm	
INPUT VOLTAGE		24		V DC	
ENERGY USED		10		W	
RADIANT FLUX		1.5		W	
BEAM ANGLE		120		degrees	
OPERATING TEMP.	-20		45	$^{\circ}\text{C}$	
STORAGE TEMP.	-20		40	$^{\circ}\text{C}$	
LIFE HOURS			40,000	HRS	
EMITTED COLOR:	RED				
LENS FINISH:	WATER CLEAR				

NOTES:

- 27 LEDs.



\*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=  $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$  MAX=  $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$



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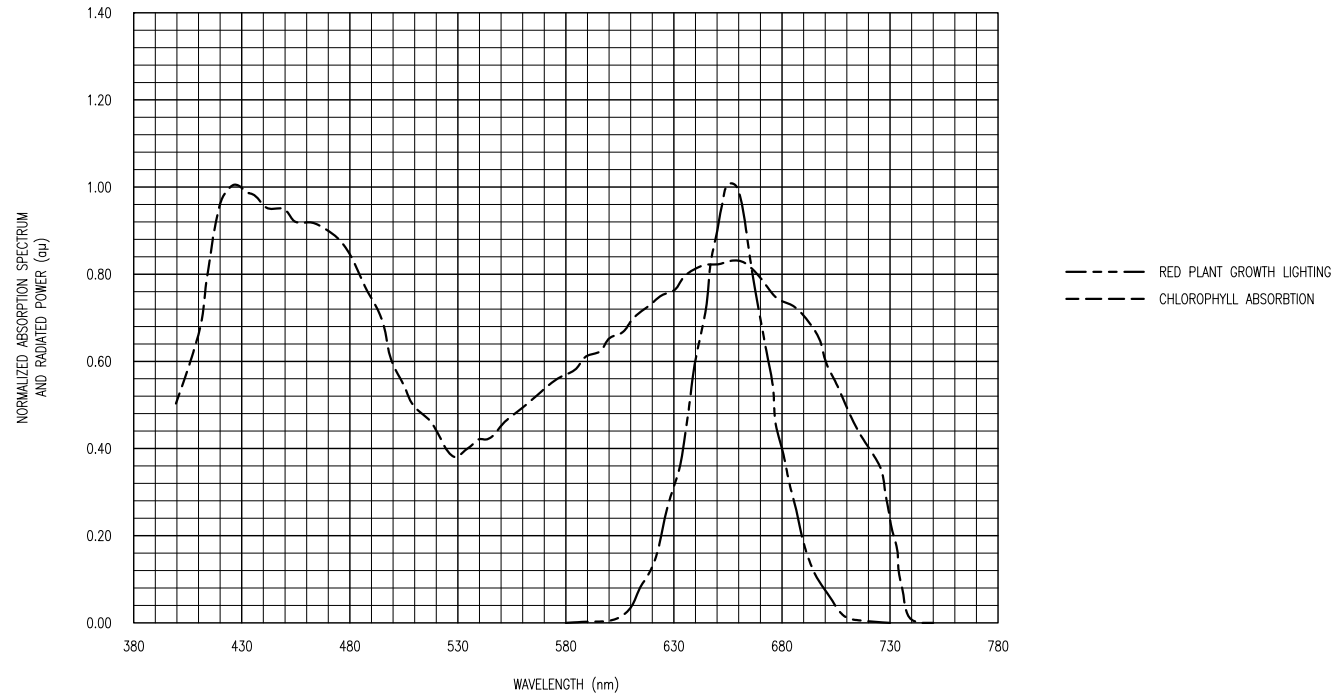
RED MODULAR LED LIGHTBAR.

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

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DATE:	07.05.12	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		(Pb)

LED'S VS. CHLOROPHYLL ABSORPTION



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