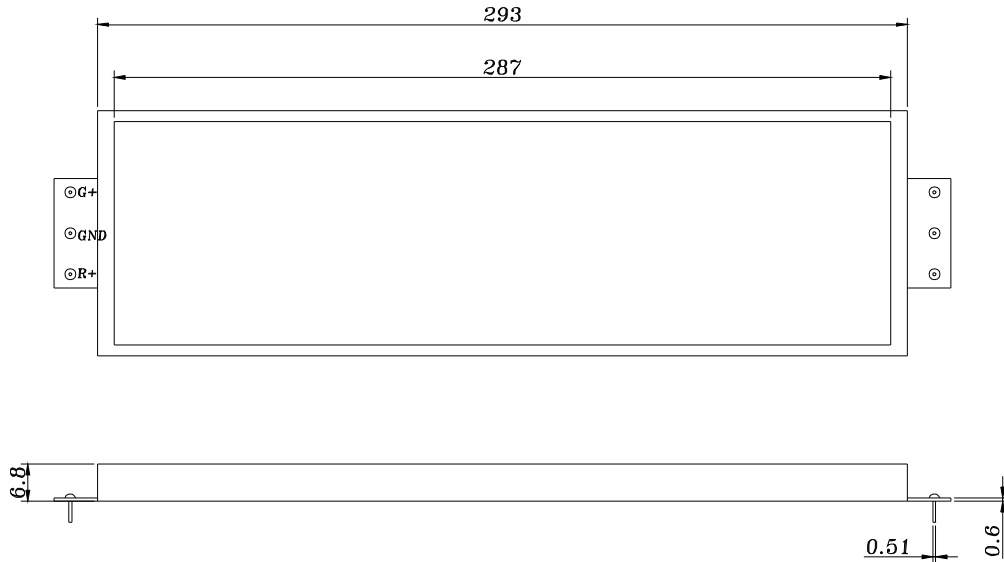


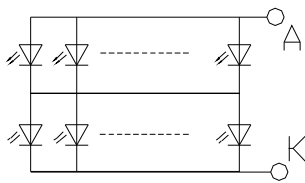
1、Mechanical Outline (Unspecified Tolerances is: $\pm 0.2\text{mm}$)

Color: Yellow Green and Red

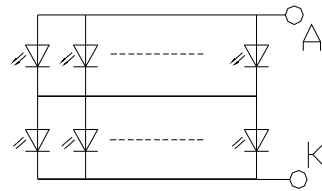


2、Circuit Diagram

LED(Yellow Green) 2 x 60 = 120



LED(RED) 2 x 60 = 120



3、Electrical-Optical Characteristics: (T=25°C) (Yellow and Green)

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
Forward Voltage	V_F	4.0	4.2	4.4	V	$I_f=1200\text{mA}$
Forward Current	I_{fm}		800	1200	mA	$V_F=4.2\text{V}$
Power Dissipation	P_d			3000	mW	$I_f=1200\text{mA}$
Reverse Current	I_R			600	μA	$V_R=10\text{V}$
Luminance	L_v		150		cd/m^2	$V=4.2\text{v}$ $I_f=1200\text{mA}$
Peak wave length	Δ_p		575		nm	$V=4.2\text{v}$ $I_f=1200\text{mA}$
Operating Temperature Range	T_{opr}	-20		70	$^{\circ}\text{C}$	
Storage Temperature Range	T_{stg}	-25		75	$^{\circ}\text{C}$	

RED:

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
Forward Voltage	V_F	3.3	3.6	3.8	V	If=800mA
Forward Current	Ifm		800	1200	mA	$V_F=3.5V$
Power Dissipation	Pd			2600	mW	If=800mA
Reverse Current	I_R			800	uA	$V_R=10V$
Luminance	L_v		200		cd/m ²	V=3.5v If=800mA
Peak wave length	Δp		646		nm	V=3.5v If=800mA
Operating Temperature Range	Topr	-20		70	°C	
Storage Temperature Range	Tstg	-25		75	°C	