

### ● Product Picture/产品外观图片



### ● Features/产品特性描述

1. Emitted Color/发光颜色: Pure White/正白、Warm White/暖白、Red/红、Yellow/黄、Blue/蓝、Green/绿.
2. Super energy saving and environmental protection/非常节能和环保.
3. Choices of luminous intensities for indoor application/选择的发光强度适合于室内应用.
4. High reliability and long life /高可靠性，长寿命.

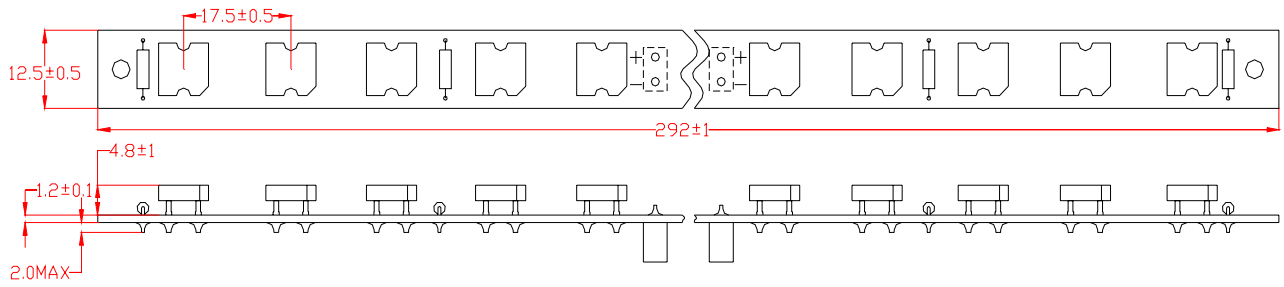
### ● Absolute Maximum Ratings /产品的极限使用条件

Parameter /项目 Sy	mbol /代码	Rating /范围			Unit
		Min./最小值	Typ./标准值	Max./最大值	
Input Voltage DC /输入电压	V <sub>in</sub>	11	12	12.5	V
Input Current DC/输入电流	I(B、G、W)	0.12	0.15	0.18	A
	I(R、Y)	0.1	0.12	0.14	A
Operating Tem./工作温度	T <sub>a</sub>	-25	25	50	°C
Operating Hum./相对湿度	H <sub>a</sub>	5%-95%(No Water/不结露)			-
Storage Tem./存储温度	T <sub>s</sub>	-30~65			°C

### ● Electrical and optical characteristics (Ta=25°C) /产品的电气及光电参数

Parameter /项目	Condition/条件	Sy mbol /代码	Min. /最小值	Typ./标准值	Max./最大值	Unit
Power Dissipation /功率	Vin=12V	Pd (R、Y)	1.1	1.45	1.8	W
		Pd (B、G、W)	1.3	1.8	2.3	W
Luminous Flux /光通量	Vin=12V	IV(P)	40	70	-	Lm
		IV(W)	35	65	-	Lm
		IV(R)	16	30	-	Lm
		IV(Y)	16	30	-	Lm
		IV(B)	16	30	-	Lm
		IV(G)	30	55	-	Lm
Color Temperature /色温	Vin=12V	C.T.(P)	4000	6000	8000	K
		C.T.(W)	3000	3500	4000	K
		C.T.(R)	620	625	630	nm
		C.T.(Y)	585	590	595	nm
		C.T.(B)	465	470	475	nm
		C.T.(G)	520	525	530	nm
Viewing Angle /发光角度	Vin=12V	θ <sub>1/2</sub>	-	40	-	Deg

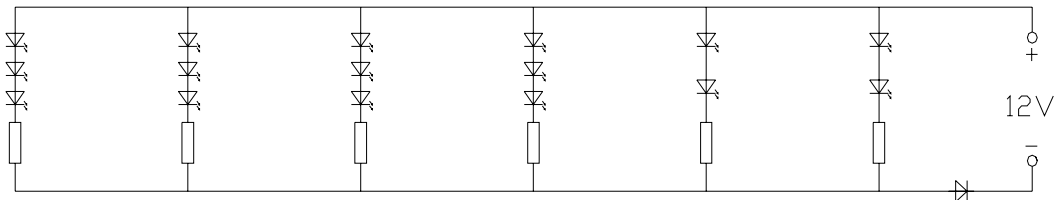
● Package Dimensions /产品尺寸图



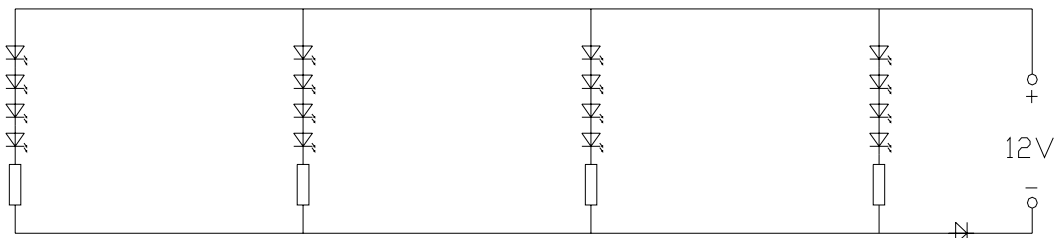
Notes /备注:

1. All dimensions are in millimeters. /所有的尺寸单位为 mm.
2. Tolerance is  $\pm 0.5$  mm unless otherwise specified. /默认的尺寸公差为 $\pm 0.5$  mm.
3. Specifications are subject to change without notice. /产品外形若有变更，恕不特别通知.

● Circuit Diagram/产品线路图



GBP W



R Y

● Product Packaging Picture/产品包装图



350X345mm  
10PCS/包



355X350X35mm  
4包/盒



740X390X380mm  
20盒/箱