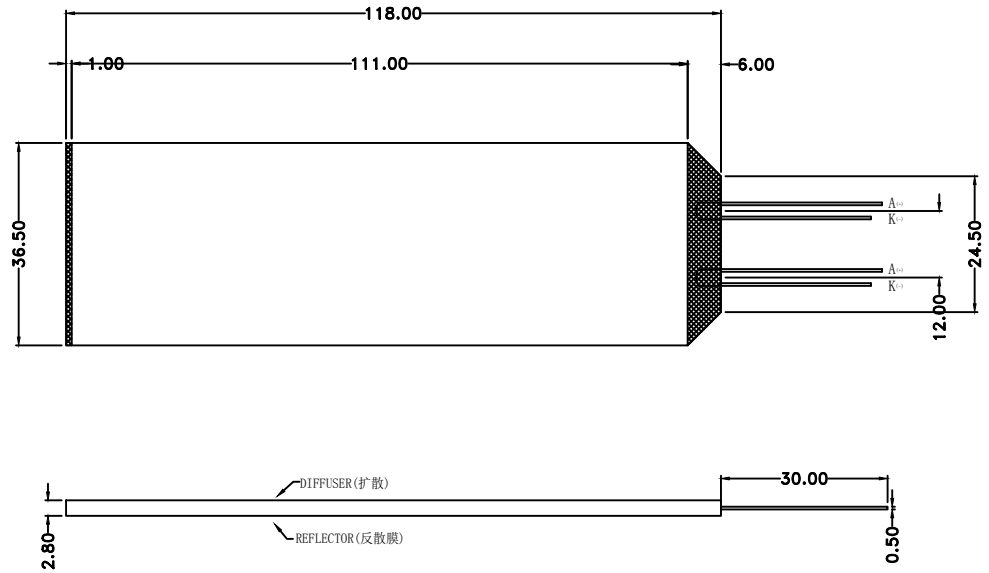
厦门精显电子有限公司 XIAMEN PRECISE DISPLAY CO., LTD.	DESIGN:(设 计)	WZL	CHECKED:		SPECIFICATION FOR BACKLIGHT 规 格	Page:(页数)	1
	CHECKED:(审核)		APPROVED:		CUSTOMER'S CODE:(客户型号)	File No.:(文件号)	2
Date:(日期) 2025-11-11	图纸视角:		注意防静电 (Note the anti static)		D.C. MODEL NO.:(产品型号) BL-813WL2-A	EDITION:(版本号)	A

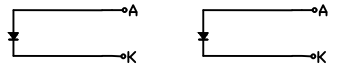
填充颜色为遮光膜

填充颜色为表面背胶

填充颜色为双面胶



1. ROHS must be complied.
2. 结构尺寸如右图所示 (未注尺寸公差 Unspecified Tolerances is .X± 0.3. XX±0.3)
3. 电路图CIRCUIT DIAGRAM : COLOUR: WHITE白色

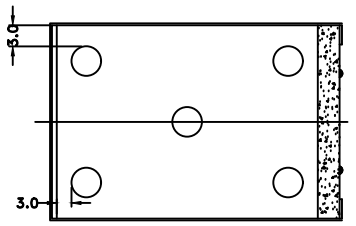


4. 保存和焊接条件 STORAGE & SOLDERING CONDITIONS:

- 注意保存,保存条件不好时,会降低反光膜(扩散膜)与导光片(反射壳)的粘附力,推荐保存条件为:温度 [illegible] 湿度 [illegible]
- Store with care. Storing the units in bad condition will cause the reflector sheet And decrease it's adhesive power. Storage The products under the condition: temperature(25℃±10℃) and humidity (65%RH±20%RH) our recommendation.
- The Soldering Temperature is 320℃±5℃ and Soldering Time should be less than 3 sec, and soldering iron power should be less than 30W.
- The soldering point should be farther than 1.6mm from body.

5. 当工作温度高于25° C时, Ifm Ifp和pd必须 降低;电流降低率是-1.08mA/° C (直流驱动), 或-2.58MA/° C(脉冲驱动)
功耗降低率是 -1.08 mW/° C.产品的工作电流不能大于对应工作温度条件下Ifm或Ifp的60%。
For operation above 25° C , The Ifm、Ifp & pd must be derated , the Curent derating is -1.08mA/° C for Dc drive and-2.58mA/° C for pulsr drive,the power dissipation is -3.348 mW/° The product working crrent must not more than the 60 % of the Ifp accordingto the working temperature.

6. 亮度值是5个测量点的平均值,亮度最小值比最大值一般大于0.70(典型0.80).使用BM-7亮度色度仪测量,测量光圈 Ø5度.
The luminance is the averange value of 5 points, and The Lvmin/Lvmax. is more tahan 0.70 Typical (0.80).The measurement instrument is BM-7 luminance Colorimeter. The aperture is Ø5 degree.



项目 Item	符号 Symbol	最小值 min.	典型值 typ.	最大值 max.	单位 Unit	条件 Condition
正向电压 Forward Voltage	Vf	2.9	3.0	3.2	V	If=40 mA
波长 Peak wave length	P				nm	
频谱半波长 Spectral line half width			-			
*亮度 Luminance	Lv		TBD		cd/m²	TEST INSTRUMENT 测定仪器: BM-7
反向电压 Reverse Current	Ir			20	A	Vf= 5 V
均匀性 Uniformity	Avg		75		%	MIN/MAX*100%

* 极限直流正向电流 Absolute maximum forward current	Ifm		mA
* 脉冲驱动极限正向电流 Peak forward current	Ifp 1 msec 脉冲,1/10 占空比		mA
反向电压 Reverse voltage	Vr	5	V
* 极限功耗 Power dissipation	Pd		mA
工作温度 Operating Temperature Range	Topr	-30~+70	° C
贮存温度 Seorage Temperature Range	Tstg	-40~+80	° C

REV 修訂	DATE 修訂日期	DESCRIPTION 修訂內容	REVISER 修訂者

序号	名 称	数量	材 料	厂 商
11				
10				
9				
8				
7	电阻	0		
6	LED	2	2*3*3白灯	
5	PCB	1		
4	(Z1)遮光布	1	黑白膜	
3	(B)扩散贴布	1	AJ100	
2	(A)反射贴布	1	RW100	
1	Light guide	1	PMMA	

Approved by: 承认

Please Confirm This Drawing On/Before 请 签 回 此 图

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