



Under Development	
Mass production	R



a a i

Client Name

Client P/N

Product P/N

HL-I-13B6C12(Ra2)

Sending Date:

Approval	Audit	Approval	Audit	Confirmation 低	
Qualified	Disqualified	DATE:			

与

!

!

,

LM 003 H384 W - 13 B6 C12 (Ra2)



Product line code

Chip code

Recommend the minimum



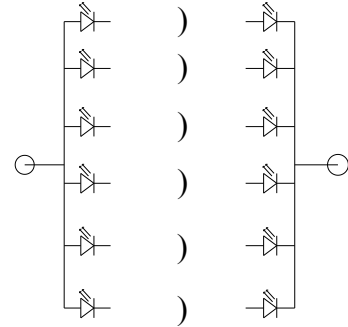
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES

The number of parallel

The number of series 两

- Dimension 19.0mm×19.0mm×1.6mm
 19.0mm×19.0mm×1.6mm
- CRI: Ra 80 80
- Wide viewing angle : 120° 120°
- RoHS compliant ROHS
- sulphation corrosion resistance
- Manual Soldering

- Down light
- Spot light



Tolerance unless otherwise specified: $\pm 0.3\text{mm}$.

± 0.3 变

Input power range	Pi	12.6	20	34.8	W
operating current range 低	IF	360	550	900	mA
Junction Temperature	Tj	120			°C
Operating Temperature Range 低	Top	-35 °C To +85 °C			
Storage Temperature Range	Tstg	-40 °C To +85 °C			
Lead Soldering Temperature*	T _{SOL}	Max. 350 for 5sec Max.			

Notes for Table:

1.The temperature of Aluminum PCB do not exceed 85 If the input power reach 80% max Pi, the temperature of Aluminum PCB should be control below 75

85

80%

75 具

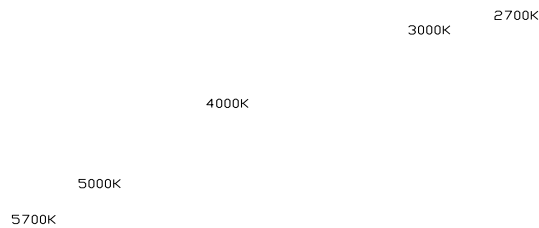
2.When hand soldering, keep the temperature of iron below less 350 less than 5seconds

350 ,

5

3.D.C. Current : $T_j = T_s + R_j \cdot I \cdot P_i$

		IF=550mA	34	36	40	—	V
Φ		TC=2700K	2230	2350	2550	119	Lm
		TC=3000K	2330	2450	2650	122	
		TC=4000K	2500	2620	2820	132	
		TC=5000K	2500	2620	2820	132	
		TC=5700K	2460	2580	2780	129	
		TC=6000±300K	2460	2580	2780	129	
		TC=6500K	2460	2580	2780	129	
		IF=550mA	80	—	—	—	—
		IF=550mA	—	1.15	—	—	W



Notes for Table

*1. Color bins are defined at IF=550mA operation. If use different forward current, it will cause the change of chromaticity and forward voltage.

550mA

*2. The tolerance of measurement at our tester is VF+/-3% , v+/-10% and Ra+/-2.

±3% , ±10% ±2

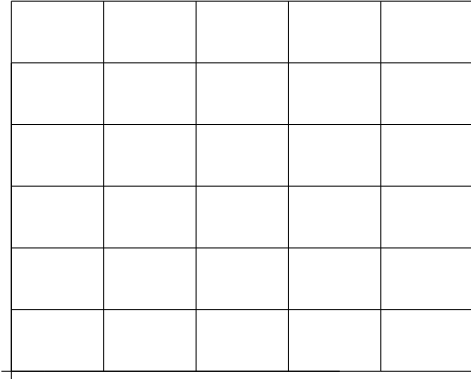
3. Tolerance of ±0.005 on x,y coordinates.

±0.005

4. Color region stay within MacAdam "3-step" ellipse from the chromaticity center. but does not contain the color temperature 6000±300K. The chromaticity center refers to ANSI C78.377-2008.



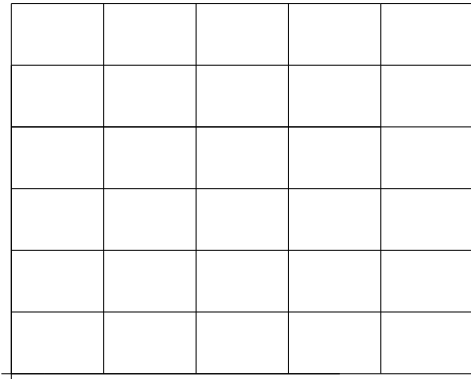
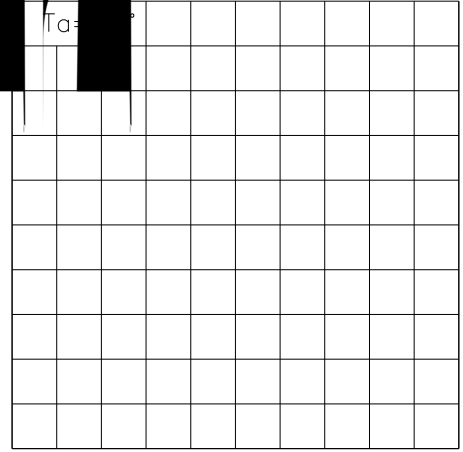
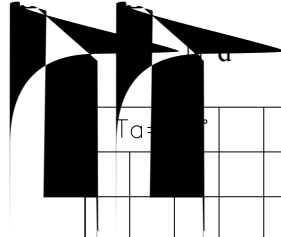
Under Development	
Mass production	R

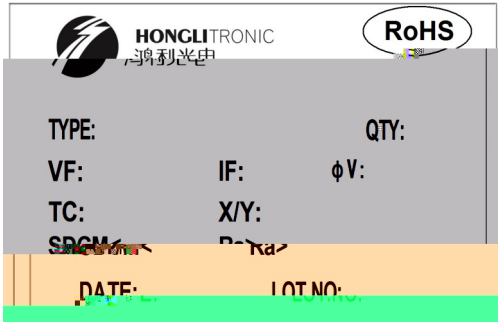


(W)



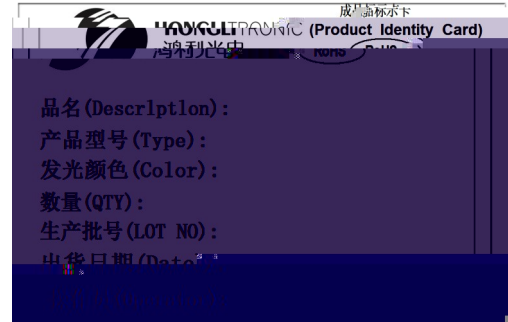
(lm)



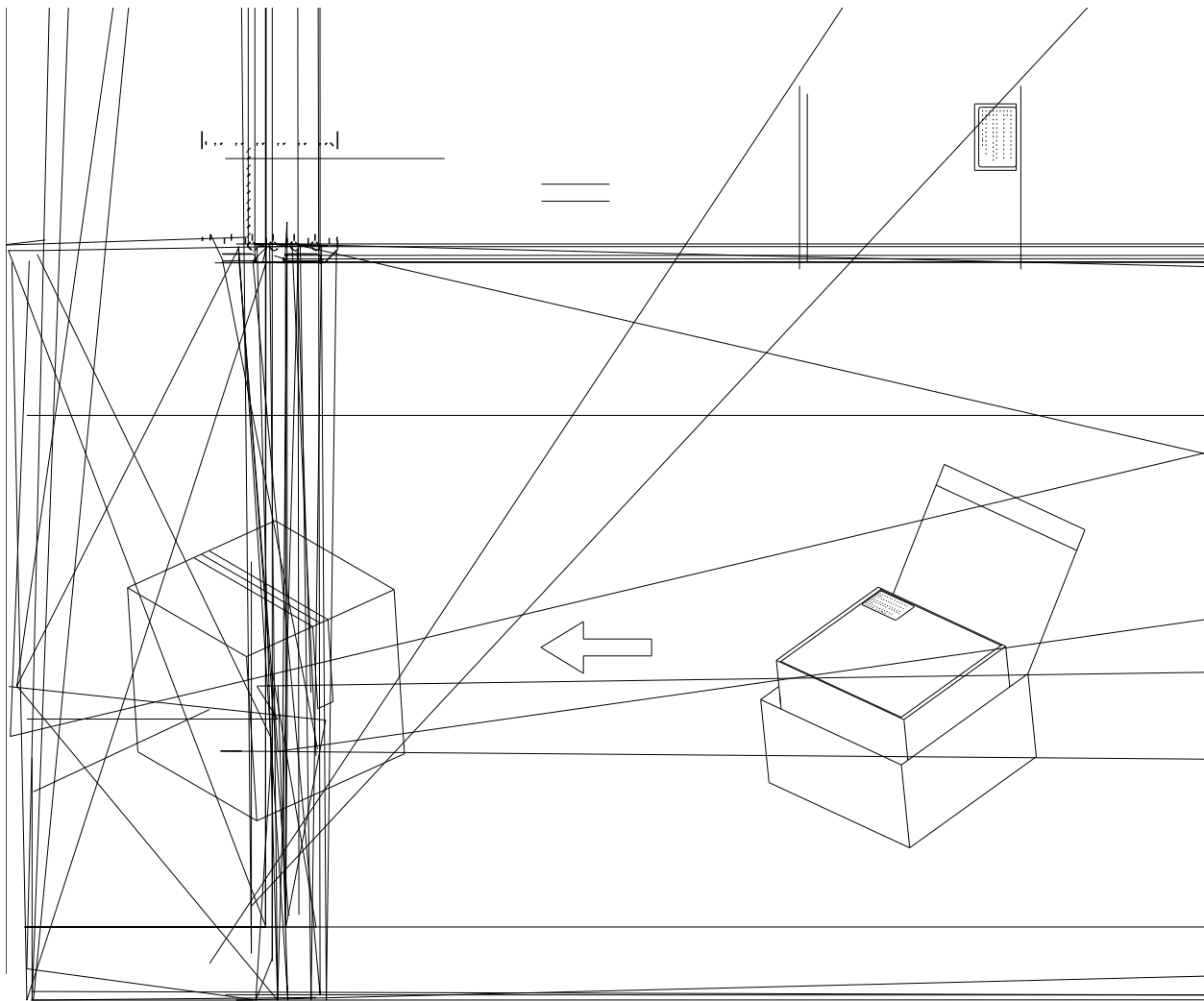


Label on ESD shielding

- V: Luminous Flux rank
- VF: Forward voltage rank
- TC: Color temperature
- SDCM:



Label on box





Under Development	
Mass production	R

