



Under Development	
Mass production	

MCN


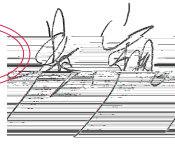
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Client Name

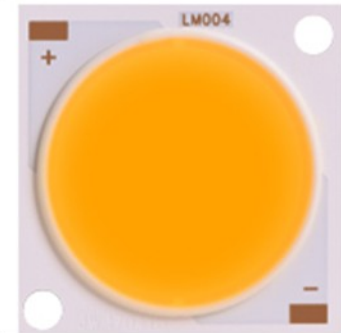
Client P/N

Product P/N

Sending Date:

Approval	Audit	Approval	Audit	Confirmation
				
Qualified	Disqualified	DATE:		

LM 004 H384 W - 35 B16 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

- Dimension 28.0mm×28.0mm×1.6mm
28.0mm×28.0mm×1.6mm
- CRI: Ra 80 80
- Wide viewing angle : 120° 120°
- RoHS compliant ROHS
- sulphation corrosion resistance
- Manual Soldering

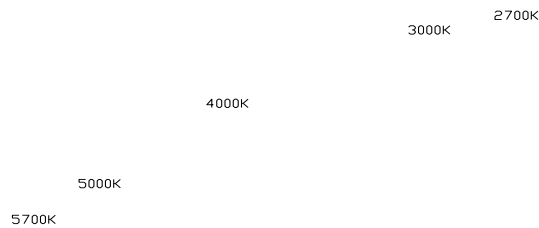
- Down light
- Spot light



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Input power range	Pi	34.5	46.8	80	W
operating current range	IF	960	1300	2100	mA
Junction Temperature	Tj		120		°C
Operating Temperature Range	Top		-35 °C To +85 °C		

		IF=1300mA	34	36	40	—	V
	Φ	TC=2700K	5200	5500	5950	120	Lm
		TC=3000K	5550	5850	6200	126	
		TC=4000K	5900	6150	6600	134	
		TC=5000K	5900	6150	6600	134	
		TC=5700K	5850	6150	6500	133	
		TC=6000±300K	5850	6150	6500	133	
		TC=6500K	5850	6150	6500	133	
		IF=1300mA	80	—	—	—	—
		IF=1300mA	—	0.50	—	—	W



Notes for Table

*1. Color bins are defined at IF=1300mA operation. If use different forward current, it will cause the change of chromaticity and forward voltage.

1300mA

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

±3% , ±10% ±2

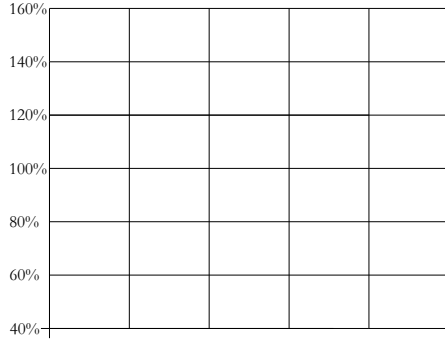
3. Tolerance of ±0.005 on x,y coordinates.

±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.

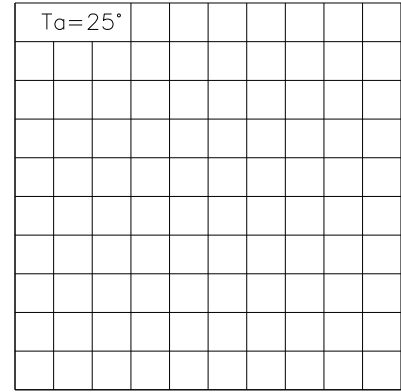


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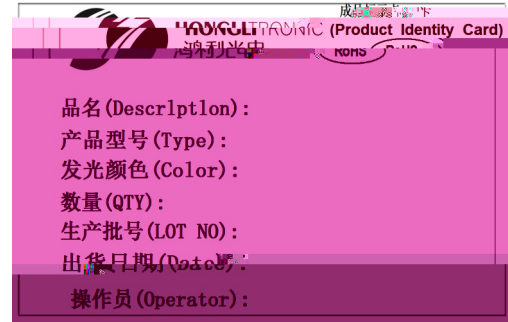
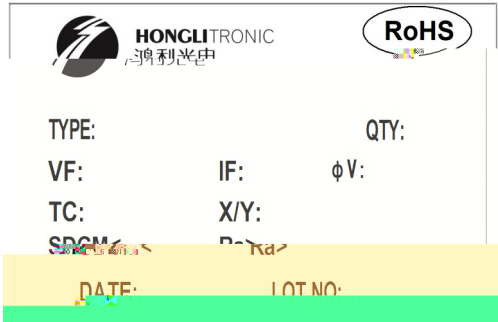
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Label on ESD shielding

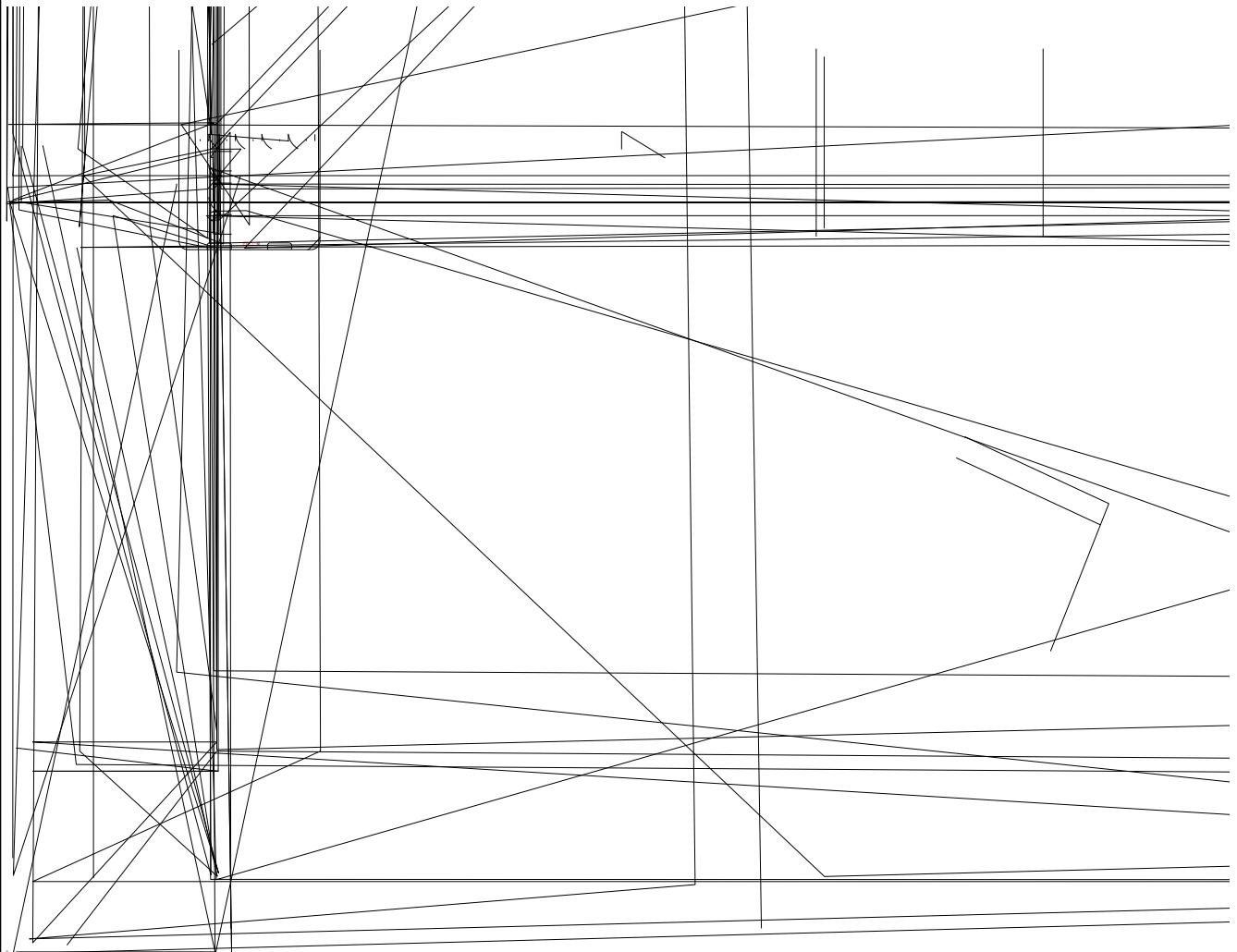
Label on box

V: Luminous Flux rank

VF: Forward voltage rank

TC: Color temperature

SDCM:



Precaution for use ()

1. Storage

Storage temperature: 0 ~ +50°C (5 ~ 130°F)
 Storage humidity: 5% ~ 95% RH (non-condensing)
 Storage time: 1 year (maximum)
 Storage location: Clean, dry, and well-ventilated area.
 Storage temperature: 30°C

120°C ± 5°C

2. Operation

Operating temperature: 0 ~ +50°C (32 ~ 122°F)
 Operating humidity: 5% ~ 95% RH (non-condensing)
 Operating time: 1 year (maximum)
 Operating location: Clean, dry, and well-ventilated area.
 Operating temperature: 350°C

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Operating temperature: 0 ~ +50°C (32 ~ 122°F)
 Operating humidity: 5% ~ 95% RH (non-condensing)
 Operating time: 1 year (maximum)
 Operating location: Clean, dry, and well-ventilated area.
 Operating temperature: 350°C



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dd a c da 5= ON d b d
 30 , COB recommendation colloid surface temperature control ≤ 180)
 85°C

180°C

0) Oc d

d cd) b dd d c d b
 c d c dd d d c)= a d b (d d f a)
 b dd d c c

1) c



HONGLITRONIC
鸿利光电

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