



Under Development	
Mass production	

MCN


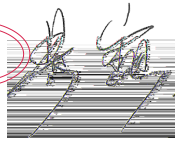
N dad d

Client Name

Client P/N

Product P/N

Sending Date:

Approval	Audit	Approval	Audit	Confirmation
				
Qualified	Disqualified	DATE:		

LM 004 H384 W - 30 B14 C12 (Ra2)



OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES

- 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 29.5 43 68 W

operating current range

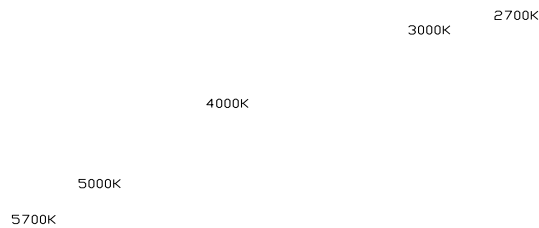
IF 840 1200 1800 mA

Junction Temperature

Tj 120 °C

Operating Temperature Range

		IF=1200mA	34	36	40	—	V
	Φ	TC=2700K	5000	5200	5650	121	Lm
		TC=3000K	5100	5400	5850	126	
		TC=4000K	5400	5700	6100	132	
		TC=5000K	5400	5700	6100	132	
		TC=5000-5500K	5350	5600	6050	130	
		TC=5700K	5350	5600	6050	130	
		TC=6000±300K	5350	5600	6050	130	
		TC=6500K	5350	5600	6050	130	
		IF=1200mA	80	—	—	—	—
		IF=1200mA	—	0.58	—	—	W



Notes for Table

*1. Color bins are defined at IF=1200mA operation. If use different forward current, it will cause the change of chromaticity and forward voltage.

1200mA

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

±3% , ±10% ±2

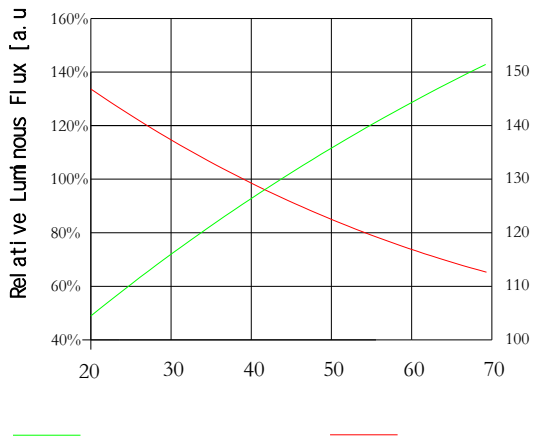
3. Tolerance of ±0.005 on x,y coordinates.

±0.005

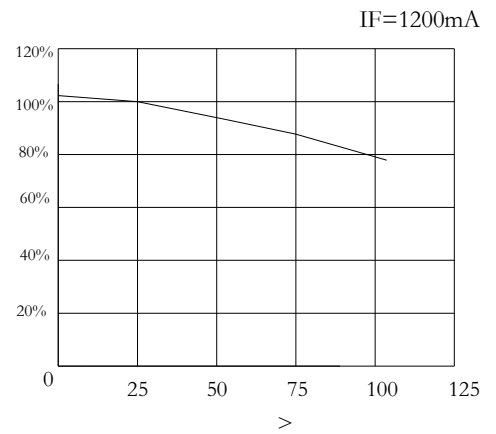
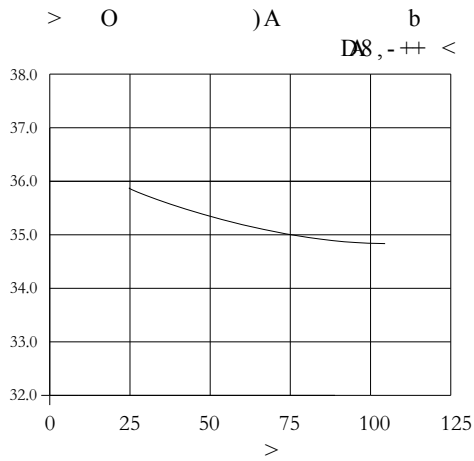
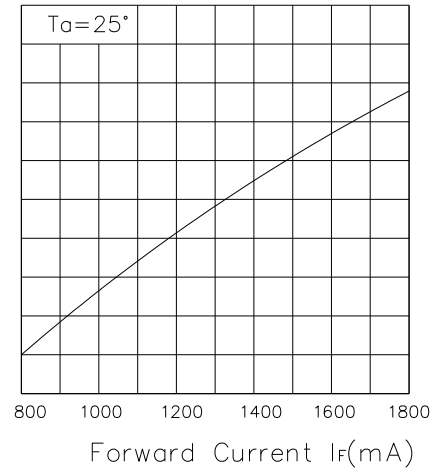
4. Color region stay within MacAdam "3-step" ellipse from the chromaticity center. but does not contain the color temperature 6000±300K. The chromaticity center refers to ANSI C78.377-2008.

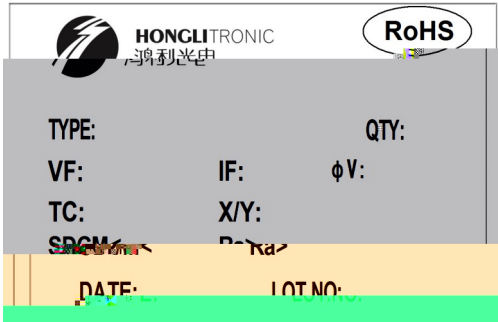


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Forward Voltage V_F (V)



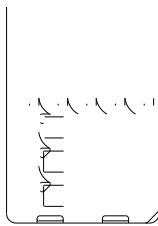


Label on ESD shielding

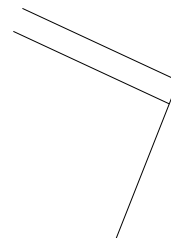
- V: Luminous Flux rank
- VF: Forward voltage rank
- TC: Color temperature
- SDCM:



Label on box



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1) O >

M

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 d d f a)

1) c

d d d a d b dd

(d d d dd c d) 6

(D dc d d

(d b) b) > - C- N I C. N I) 6

(d d d)

—COB

2000PPM

