



2007000781Z

(2007)国认监认字(164)号

nltc

**National Lighting Test Centre
China**



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TEST REPORT

Report Ref. No. :2009709B

Product Name: LED Street Light

Client Name: ELEDE AB

Note:

This test report or any reduplicate one with the signature of the test engineer, the checking person and the authorizing officer is valid when stamped with the testing seal authorized by the National Lighting Test Centre. Any alter of this report by handwriting is not valid. Please submit query concerning the test result within 15 days after the receipt of the report, or the query will not be accepted. The test report relates only to the item(s) tested.



Test Report

Testing Laboratory Name.....:	National Lighting Test Centre
Address.....:	No.A3 Changpocun Dabeyao, Chaoyang District, Beijing, 100022 China
Report No.....:	2009709B
Tested by (Name and Signature).....:	Caiyun Mao <i>Caiyun Mao</i>
Checked by (Name and Signature).....:	Fang Wang <i>Fang Wang</i>
Approved by (Name and Signature).....:	Zheng Yang <i>Zheng Yang</i>
Date of Issue.....:	September 17, 2009
Contents.....:	10 pages.
Product Name.....:	LED Street Light
Model and/or Type.....:	Lucas II 84
Trademark.....:	U-Tron
Date Code.....:	/
Manufacturer.....:	U-Tron (Beijing) Electronics Co.,Ltd.
Quantity.....:	1 piece
Receiving Date of Sample...:	July 13, 2009
Rating(s).....:	/
Test Specifications:	
Test Item (s).....:	1000h Color Rendering Index、1000h Correlated Color Temperature、1000h Photometry Test
Reference Standard (s).....:	Refer to CIE127-1997、Refer to GB/T9468-2008
Conclusion:	
IES document is subjected to the written data, and electronic file is just for reference.	
Remark.....:	See the test data.
Test case verdicts:	
Test case does not apply to the test object.....:	N(.A.)
The sample does meet the requirement of.....:	P(ass)
The sample does not meet the requirement of...:	F(ail)

Test Result

Reference Standard : Refer to CIE127-1997

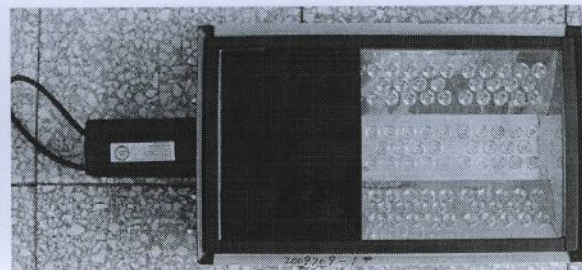
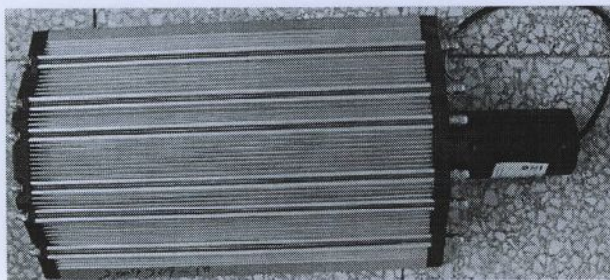
Sample No.	1000h Color Rendering Index (Ra)	1000h Correlated Color Temperature (K)
1	75	6619

Reference Standard : Refer to GB/T9468-2008

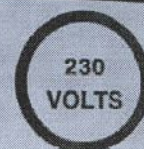
Test conditions:

Sample No.	1#				
Electrical Parameters: (input)	Frequency (Hz)	Voltage (V)	Current (A)	Power (W)	Power Factor
	50	220.0	0.49	103.5	0.97
Luminaire Total Flux(lm)	5543.4				
Road side upward(lm)	0	House side upward(lm)		0	
Road side downward(lm)	2718	House side downward(lm)		2825.4	

Photos of Sample

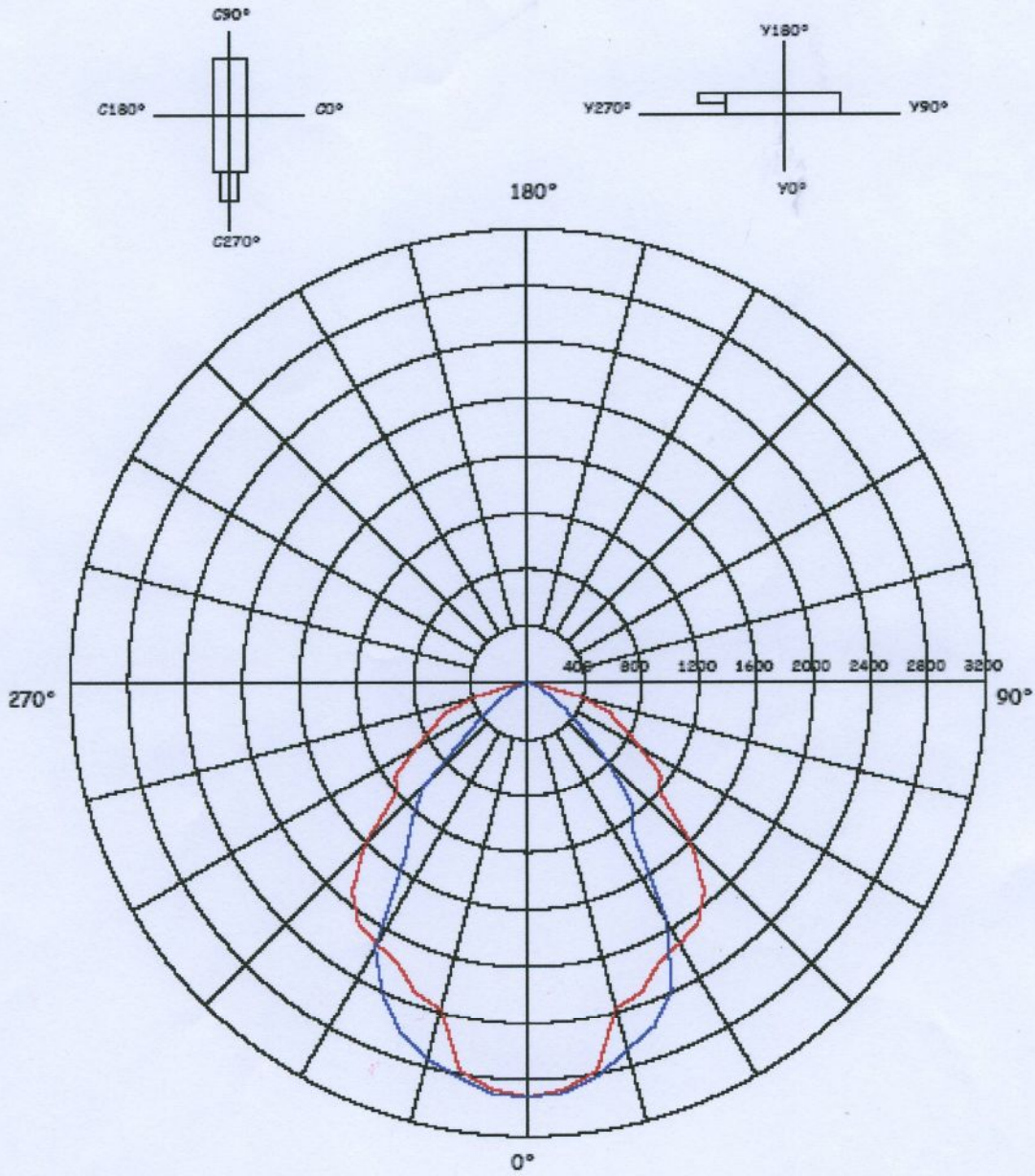


VOLTAGE PRESET AND FUSED FOR:
 SELECTEUR DE TENSION
 ET FUSIBLE CHOISIS POUR:
 SPANNUNG EINGESTELLT
 MIT SICHERUNG AUF:
 VOLTAJE PREFIJADO
 Y FUSIBLE PARA:



Intensity Curve (Polar Graph)

[Unit:cd]



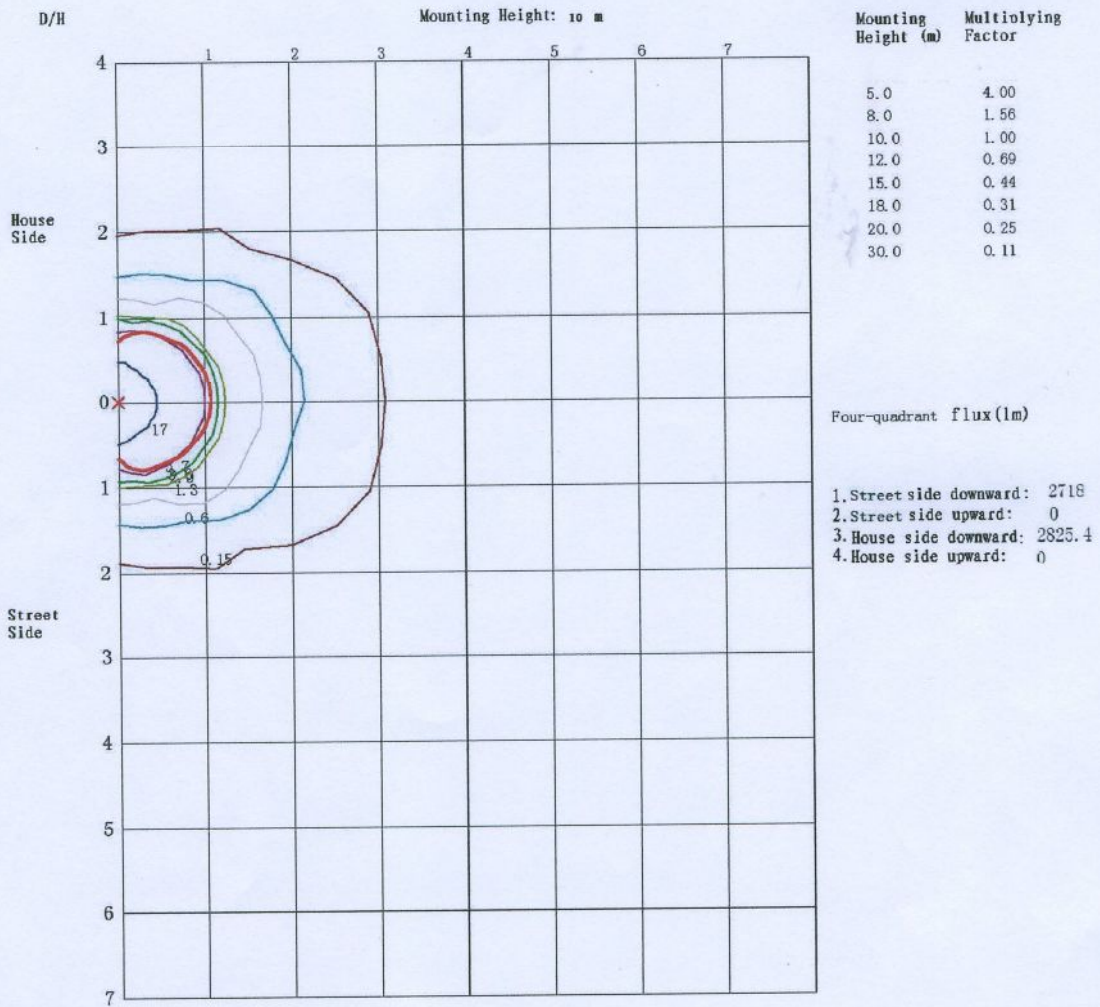
Max Intensity 2920 at C=270 $\gamma=0$

— Plane: C0 - C180

— Plane: C90 - C270

Isolux Curves

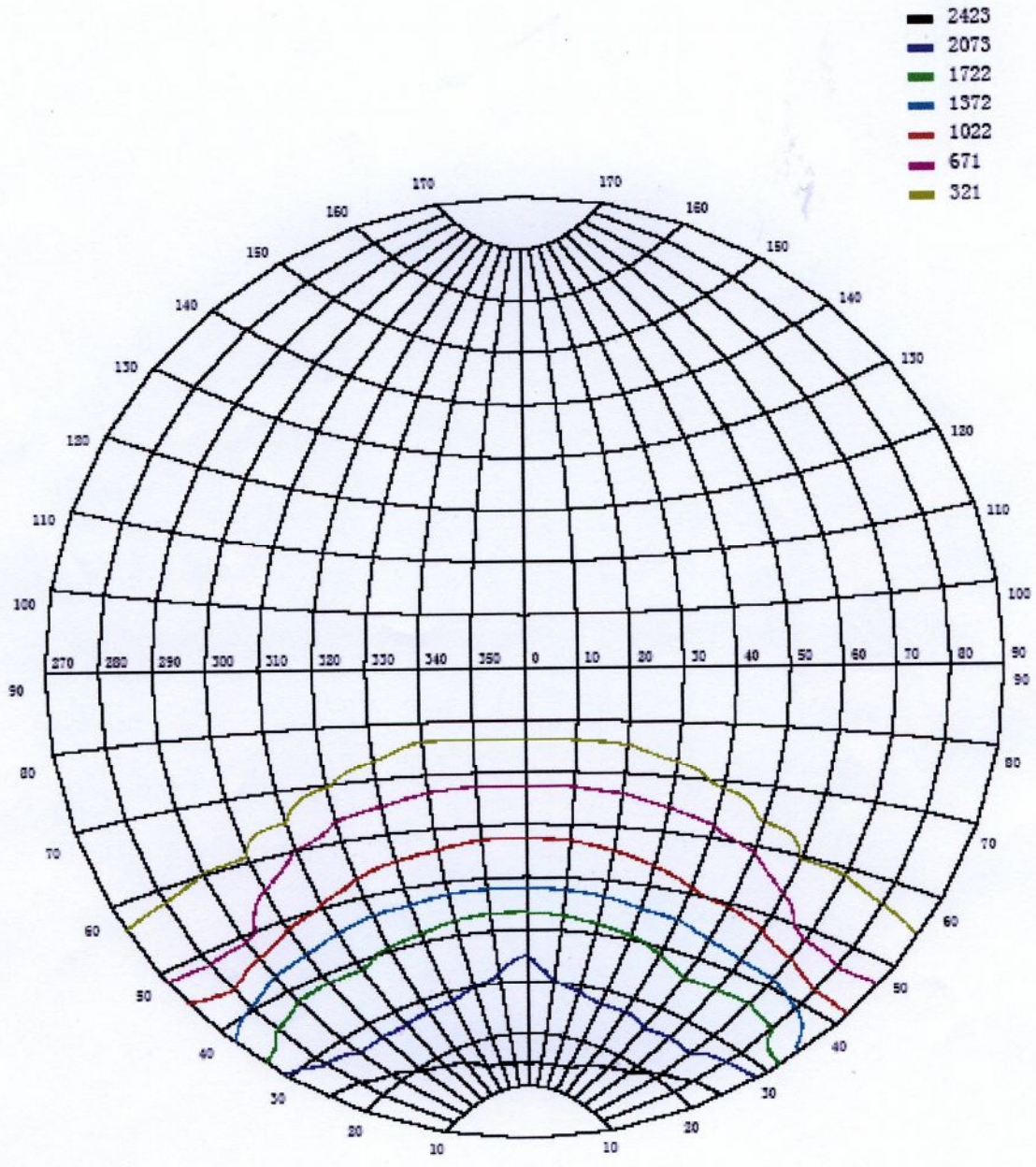
[unit:lx]



■ Maximum intensity point and half-maximum intensity line.

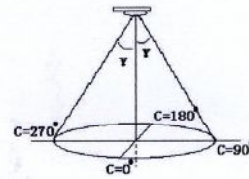
Isocandela Curve

[unit:cd]

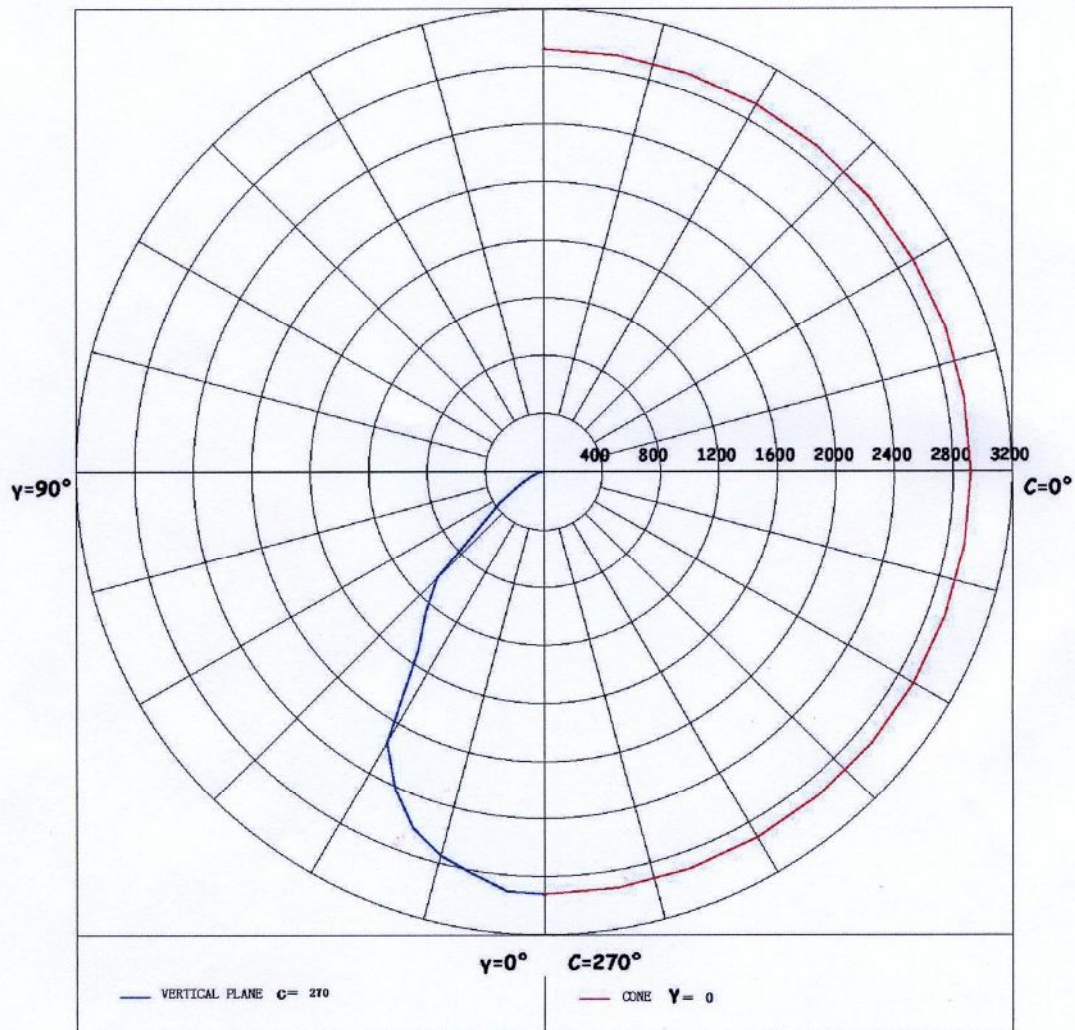


Plane and Cone Including the Maximum Intensity

[unit:cd]



$\gamma=180^\circ$ $C=90^\circ$



Horizontal illuminance in special direction under the corresponding mounting height

