

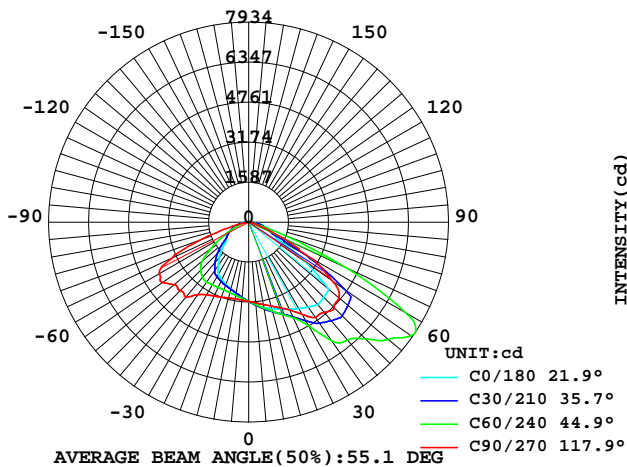
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

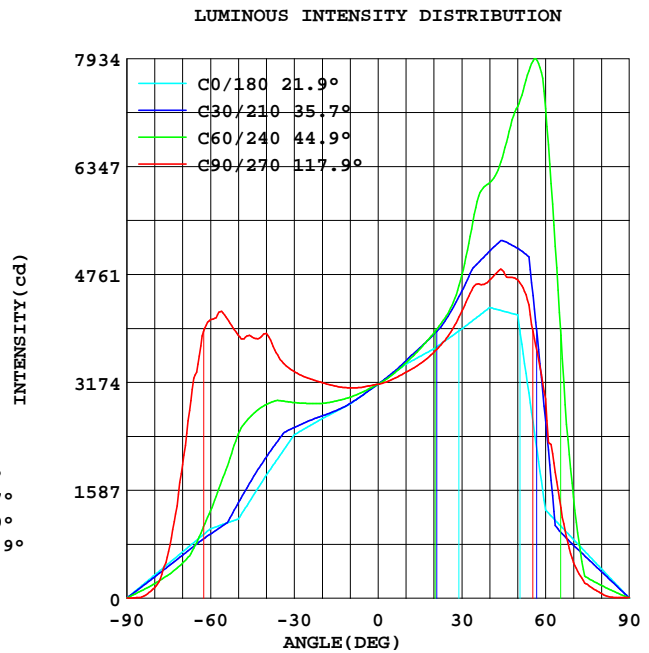
MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-100W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	7950	Effective Flux(lm):	12780.1
NOMINAL POWER(W):	98	MAXIMUM(C, γ):	235, 55.5	EEI	0.103
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.6
NOMINAL FLUX(lm):	13519.3	η street_up(%):	0.0	Current(A)	0.448
TEST FLUX(lm):	13519	η street_down(%):	48.6	Power(W)	96.82
LAMPS QUANTITY:	1	η house_up(%):	0.0	Power Factor	0.983
TOTAL FLUX(lm):	13519	η house_down(%):	51.4	EEFICIENCY(lm/W)	139.6

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年11月09日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks:

Color Temperature Data List

Report number:

MANUFACTURER: LI TIAN	Address:	
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SPECIFICATION:	DIMENSION:	SERIAL No.:

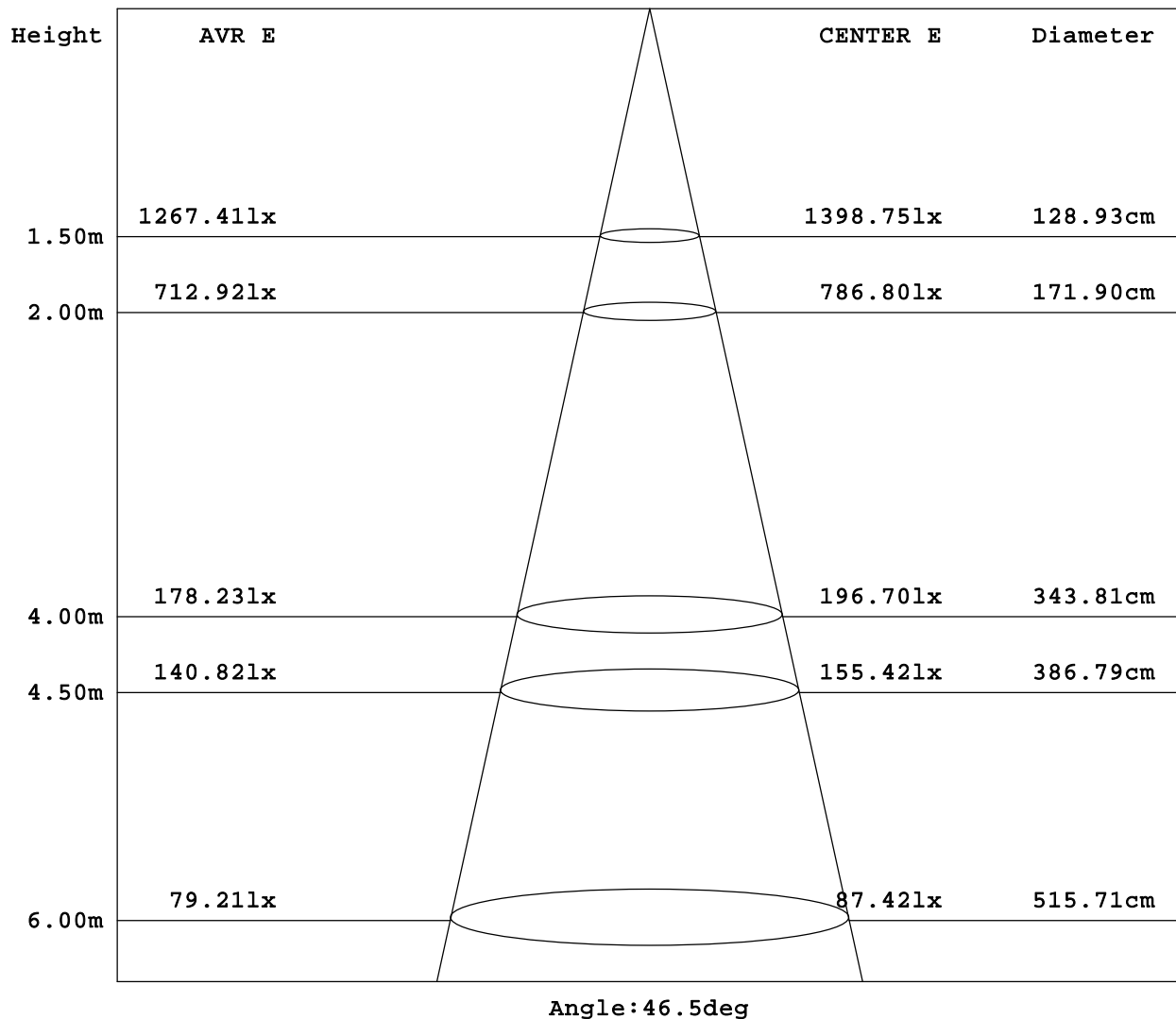
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Temperature:25.3DEG
Operators:
Test Date:2018年11月09日

Test Set: 5.0deg/s B-Beta (TYPE B)
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Remarks:

AVERAGE AND CENTER E Figure

Report number:

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NAME: LTOK-100W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018年11月09日

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 Humidity: 65.0%
 Test Distance: 10.500 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-100W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	3002	3018	3108	3217	3295	3300	3215	3085	0- 5	75.34	75.34
10.0	2856	2903	3093	3284	3442	3492	3323	3037	5- 10	226.5	301.9
15.0	2749	2813	3117	3375	3555	3702	3446	3008	10- 15	379.6	681.5
20.0	2641	2763	3171	3487	3668	3929	3618	3030	15- 20	536.5	1218
25.0	2523	2727	3236	3626	3814	4196	3852	3069	20- 25	699.3	1918
30.0	2404	2679	3334	3840	3960	4610	4220	3015	25- 30	871.5	2789
35.0	2108	2598	3508	4132	4117	5227	4615	2854	30- 35	1060	3849
40.0	1812	2464	3894	4479	4275	5785	4678	2593	35- 40	1242	5091
45.0	1489	2143	3839	4748	4220	6196	4802	2166	40- 45	1386	6478
50.0	1166	1766	3864	5068	4166	6783	4680	1684	45- 50	1483	7961
55.0	1095	1357	4169	4977	2731	6470	4021	1285	50- 55	1524	9485
60.0	1023	927.1	4098	4479	1297	5601	2930	921.0	55- 60	1408	10893
65.0	852.7	753.9	3326	2314	1081	2671	1471	781.9	60- 65	1116	12009
70.0	682.5	583.7	1963	861.8	865.5	794.0	528.0	631.3	65- 70	729.9	12739
75.0	512.4	433.1	686.3	664.4	649.8	570.2	205.8	466.0	70- 75	402.2	13141
80.0	342.2	286.1	155.5	453.3	434.0	370.9	71.11	305.5	75- 80	220.3	13362
85.0	172.1	143.2	13.34	230.1	218.3	183.5	11.46	151.7	80- 85	118.5	13480
90.0	1.984	1.874	4.740	1.874	2.646	2.205	10.03	2.535	85- 90	39.09	13519
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

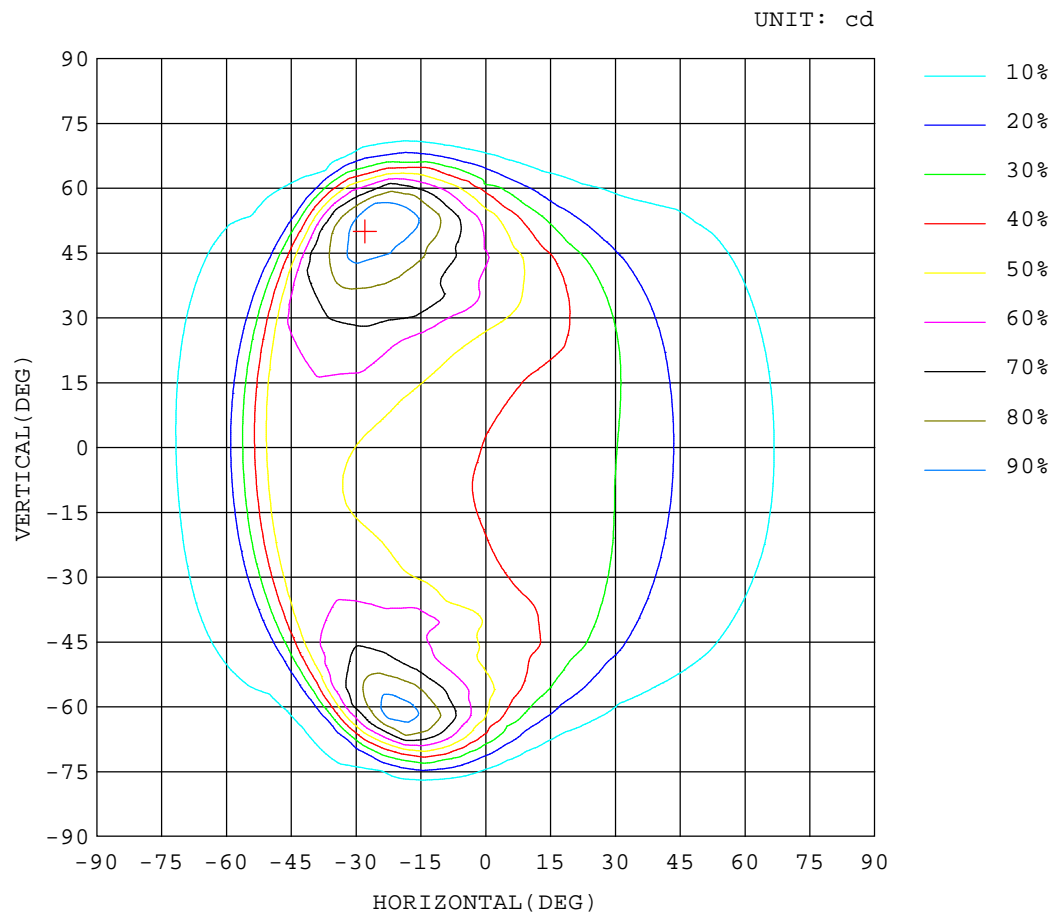
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ISOCANDELA DIAGRAM

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SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2018年11月09日

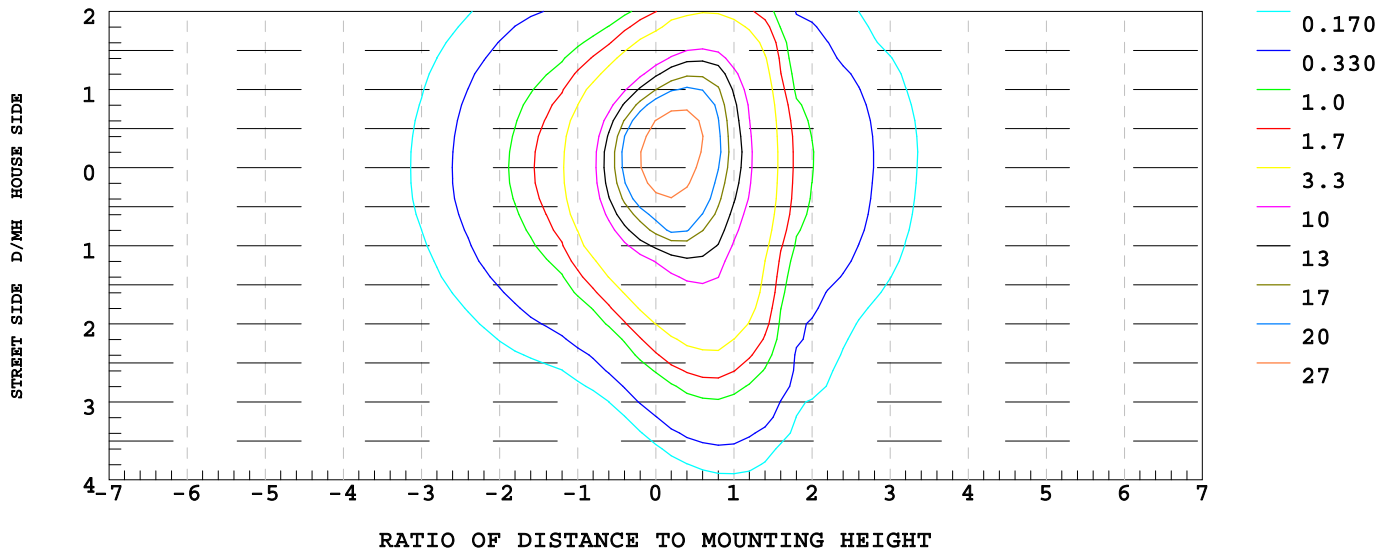
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOLUX DIAGRAM

Report number:

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ILLUMINANCE AT MH=10 m,Enadir = 31.47 lx



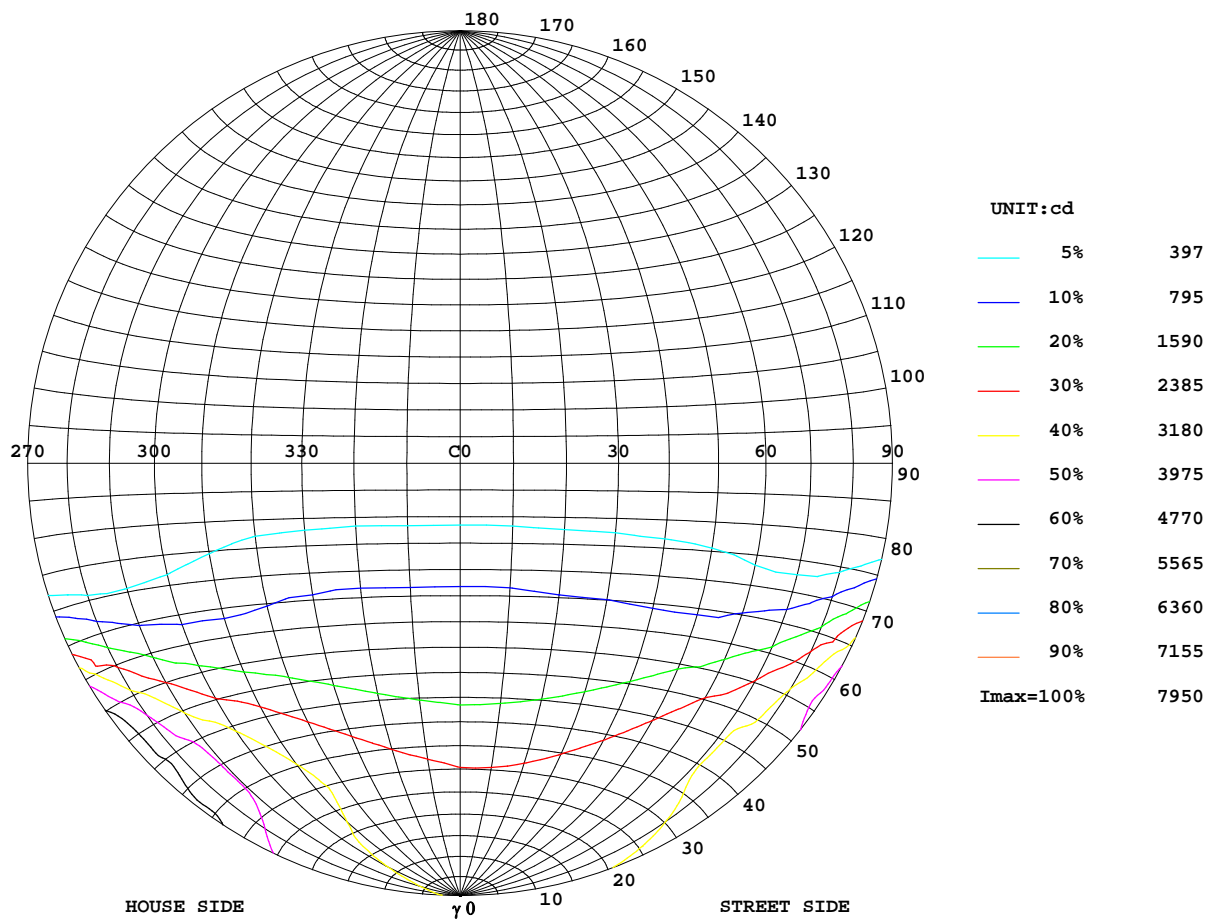
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Uncorrected UGR Table

Report number:

MANUFACTURER: LI TIAN						Address:				
NAME: LTOK-100W						TYPE:			WEIGHT:	
SPECIFICATION:						DIMENSION:			SERIAL No.:	
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions						Viewed crosswise				
x = 2H y = 2H						Viewed endwise				
3H						21.0	22.6	21.2	22.8	23.0
4H						22.6	24.1	22.9	24.3	24.5
6H						23.3	24.7	23.6	25.0	25.2
8H						24.0	25.3	24.3	25.5	25.8
12H						24.2	25.5	24.5	25.7	26.0
4H						24.4	25.6	24.7	25.9	26.2
2H						26.4	28.0	26.7	28.2	28.4
3H						27.6	29.1	27.9	29.3	29.6
4H						27.8	29.1	28.1	29.4	29.7
6H						27.7	29.0	28.0	29.3	29.6
8H						27.7	28.9	28.0	29.2	29.5
12H						27.6	28.8	28.0	29.1	29.4
2H						21.6	23.0	21.9	23.3	23.5
3H						23.4	24.6	23.7	24.9	25.2
4H						24.2	25.3	24.6	25.7	26.0
6H						25.0	26.0	25.4	26.3	26.7
8H						25.3	26.2	25.7	26.6	27.0
12H						25.6	26.4	26.0	26.8	27.2
4H						26.2	27.6	26.6	27.9	28.1
6H						27.5	28.7	27.9	29.0	29.3
8H						27.7	28.8	28.1	29.1	29.5
12H						27.7	28.7	28.1	29.0	29.4
4H						27.7	28.6	28.1	28.9	29.3
6H						27.8	28.5	28.2	28.9	29.3
8H						27.8	28.4	28.2	28.9	29.3
12H						27.8	28.3	28.2	28.8	29.2
4H						24.5	25.4	24.9	25.7	26.1
6H						25.4	26.2	25.9	26.6	27.0
8H						25.9	26.5	26.3	26.9	27.4
12H						26.2	26.8	26.7	27.2	27.7
4H						24.5	25.3	24.9	25.7	26.1
6H						25.5	26.1	25.9	26.6	27.0
8H						26.0	26.5	26.4	27.0	27.4
Variations with the observer position at spacings:										
S = 1.0H		+ 0.3 / - 0.3				+ 1.2 / - 1.0				
1.5H		+ 0.2 / - 0.3				+ 2.3 / - 2.5				
2.0H		+ 0.1 / - 0.3				+ 3.7 / - 3.8				

CIE Pub.117 Corrected 13519 lm Total Lamp Luminous Flux.(8log(F/F0) = 9.0)

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