

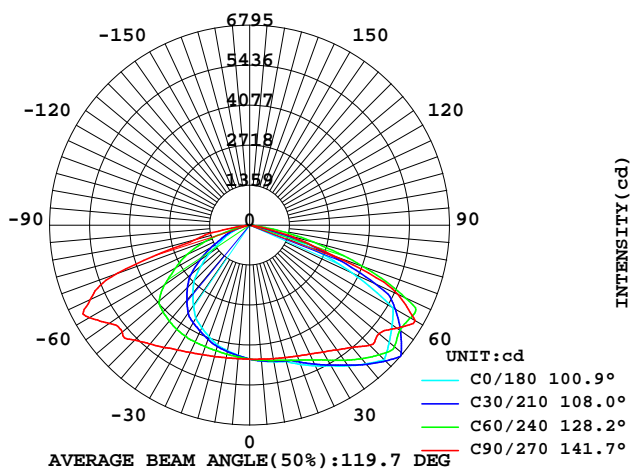
## STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

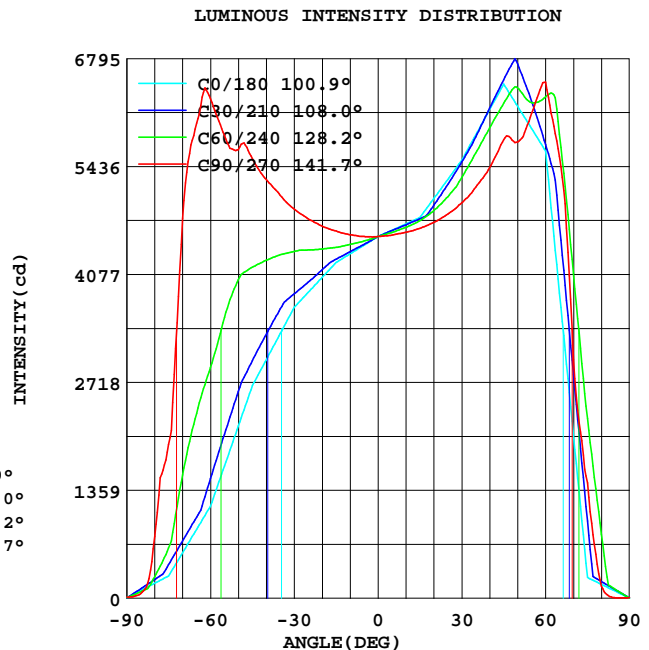
MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	6926	Effective Flux(lm):	19773.6
NOMINAL POWER(W):	146	MAXIMUM(C, $\gamma$ ):	105, 62.5	EEI	0.099
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.5
NOMINAL FLUX(lm):	20082.5	$\eta$ street_up(%):	0.0	Current(A)	0.674
TEST FLUX(lm):	20083	$\eta$ street_down(%):	49.8	Power(W)	144.3
LAMPS QUANTITY:	1	$\eta$ house_up(%):	0.0	Power Factor	0.975
TOTAL FLUX(lm):	20083	$\eta$ house_down(%):	50.2	EFFICIENCY(lm/W)	139.2

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10日

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

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## Color Temperature Data List

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: L TOK-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

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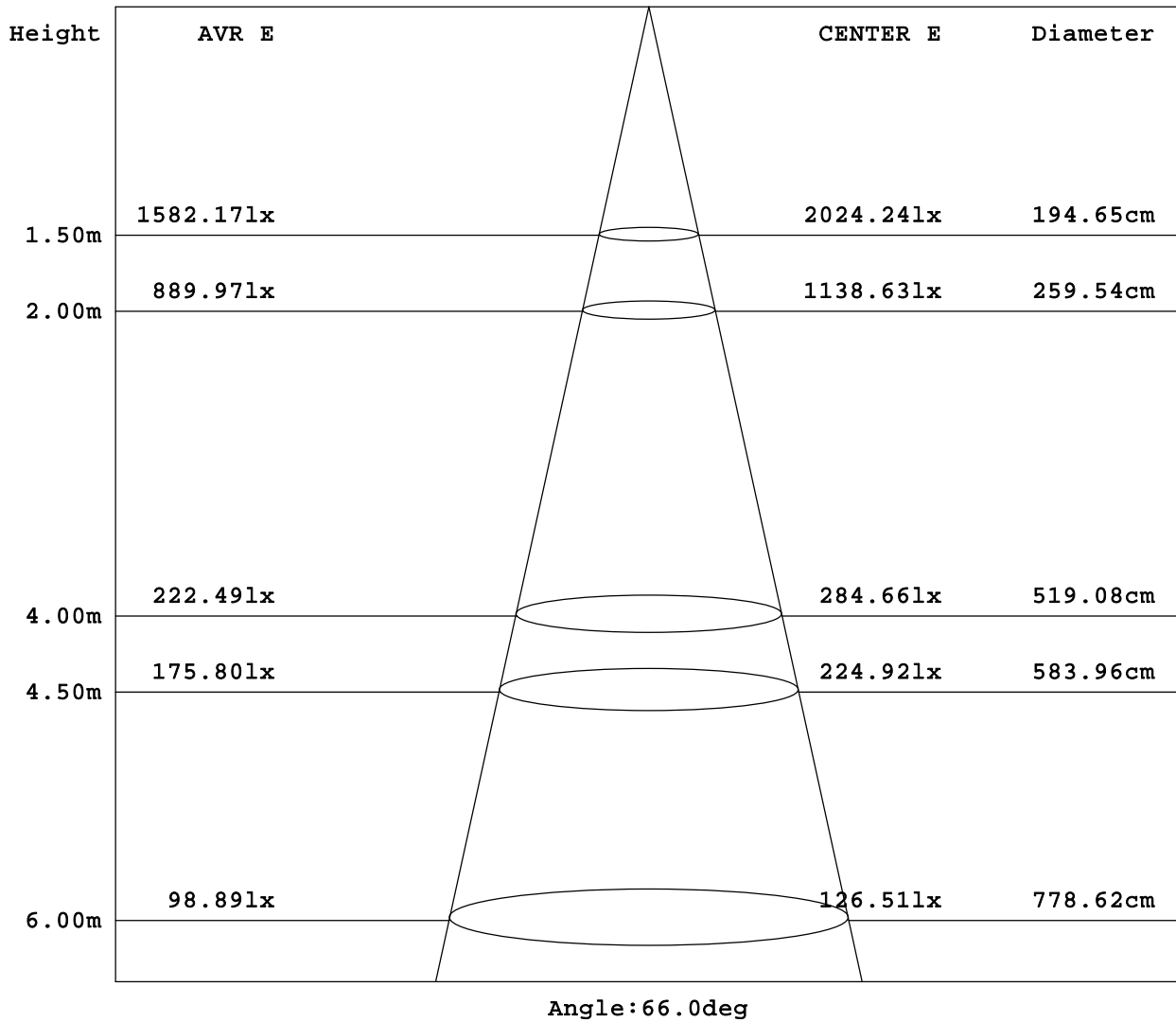
Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年11月10日

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Remarks:

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900  
Temperature: 25.3DEG  
Operators:  
Test Date: 2018年11月10日

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Humidity: 65.0%  
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Remarks:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	4446	4475	4554	4608	4634	4620	4571	4487	0- 5	108.7	108.7
10.0	4337	4401	4577	4671	4713	4690	4608	4428	5- 10	325.5	434.3
15.0	4228	4330	4624	4747	4793	4770	4658	4372	10- 15	540.6	974.9
20.0	4040	4265	4684	4844	5034	4882	4733	4323	15- 20	755.1	1730
25.0	3852	4166	4778	5070	5274	5142	4838	4226	20- 25	972.1	2702
30.0	3663	4061	4900	5345	5515	5450	4979	4108	25- 30	1192	3894
35.0	3334	3949	5073	5639	5835	5767	5176	3974	30- 35	1412	5306
40.0	3006	3795	5271	5937	6154	6082	5423	3813	35- 40	1630	6937
45.0	2677	3467	5535	6252	6474	6367	5775	3512	40- 45	1842	8779
50.0	2171	3093	5650	6530	6194	6603	5744	3165	45- 50	2016	10795
55.0	1666	2670	5825	6727	5913	6694	6105	2756	50- 55	2084	12879
60.0	1160	2045	6291	6036	5632	5826	6498	2114	55- 60	2101	14980
65.0	867.0	1372	5984	5298	3842	5069	5565	1416	60- 65	1994	16974
70.0	574.1	844.0	4786	4065	2052	3783	3003	891.4	65- 70	1618	18592
75.0	281.1	513.6	1937	2025	262.1	1854	1454	533.9	70- 75	970.6	19562
80.0	190.3	203.4	780.9	208.9	175.7	242.4	154.2	197.4	75- 80	388.8	19951
85.0	99.51	102.8	57.55	104.9	89.30	121.7	6.063	100.2	80- 85	106.6	20058
90.0	8.709	4.079	15.10	2.315	2.866	2.535	8.820	4.740	85- 90	24.74	20083
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	

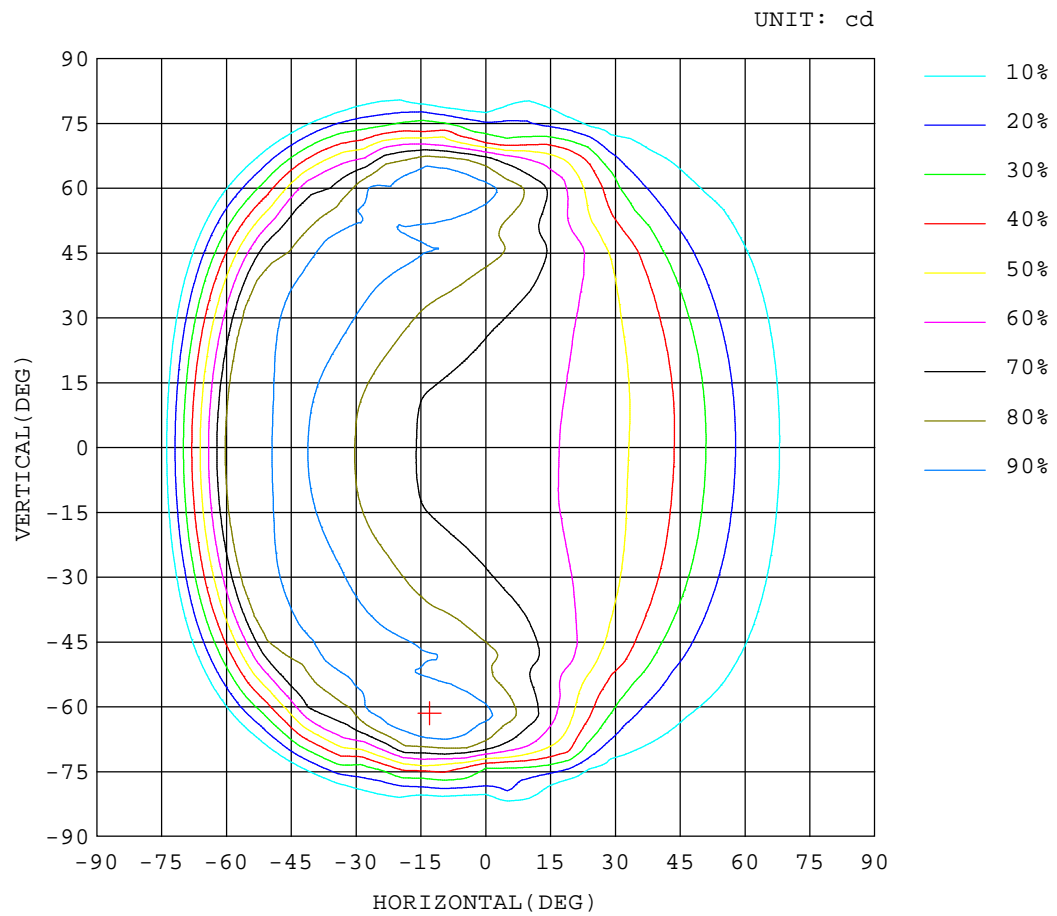
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 Operators:  
 Test Date:2018年11月10日

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## ISOCANDELA DIAGRAM

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NAME: LTOK-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年11月10日

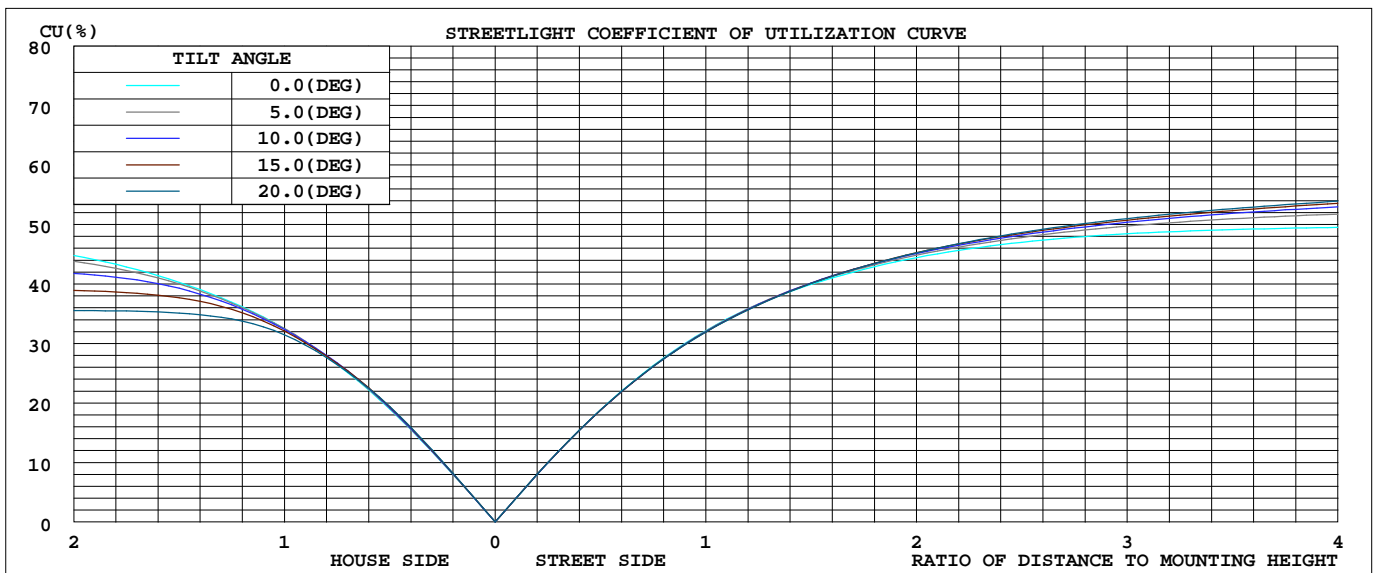
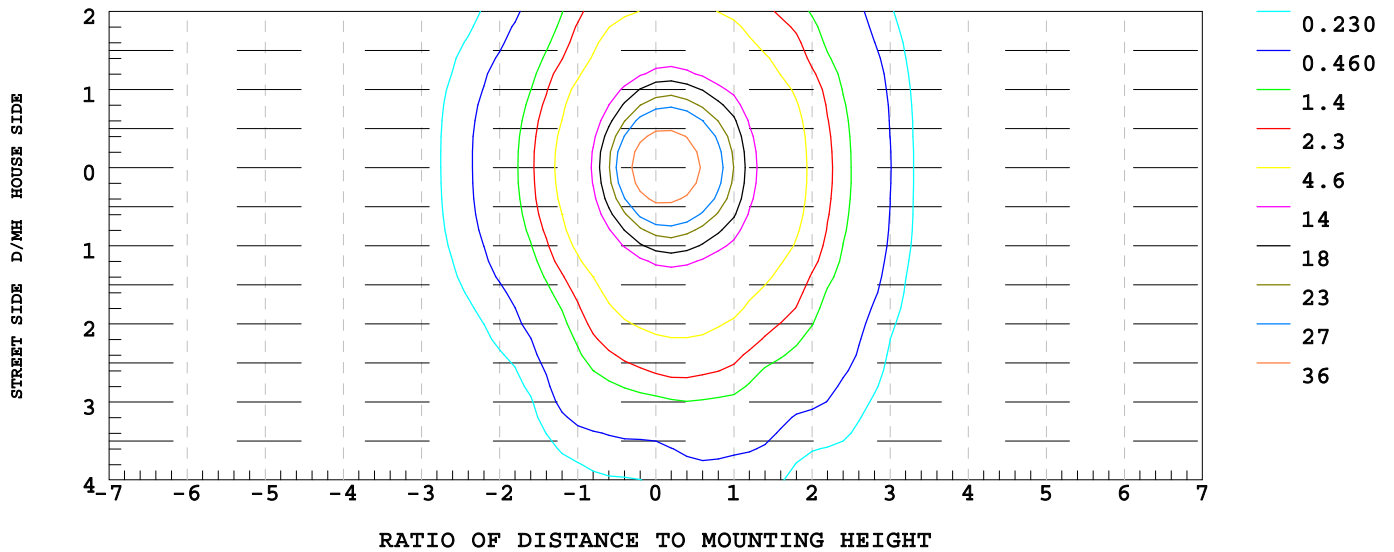
Test Set: 5.0deg/s B-Beta (TYPE B)  
Humidity:65.0%  
Test Distance:10.500 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 45.55 lx



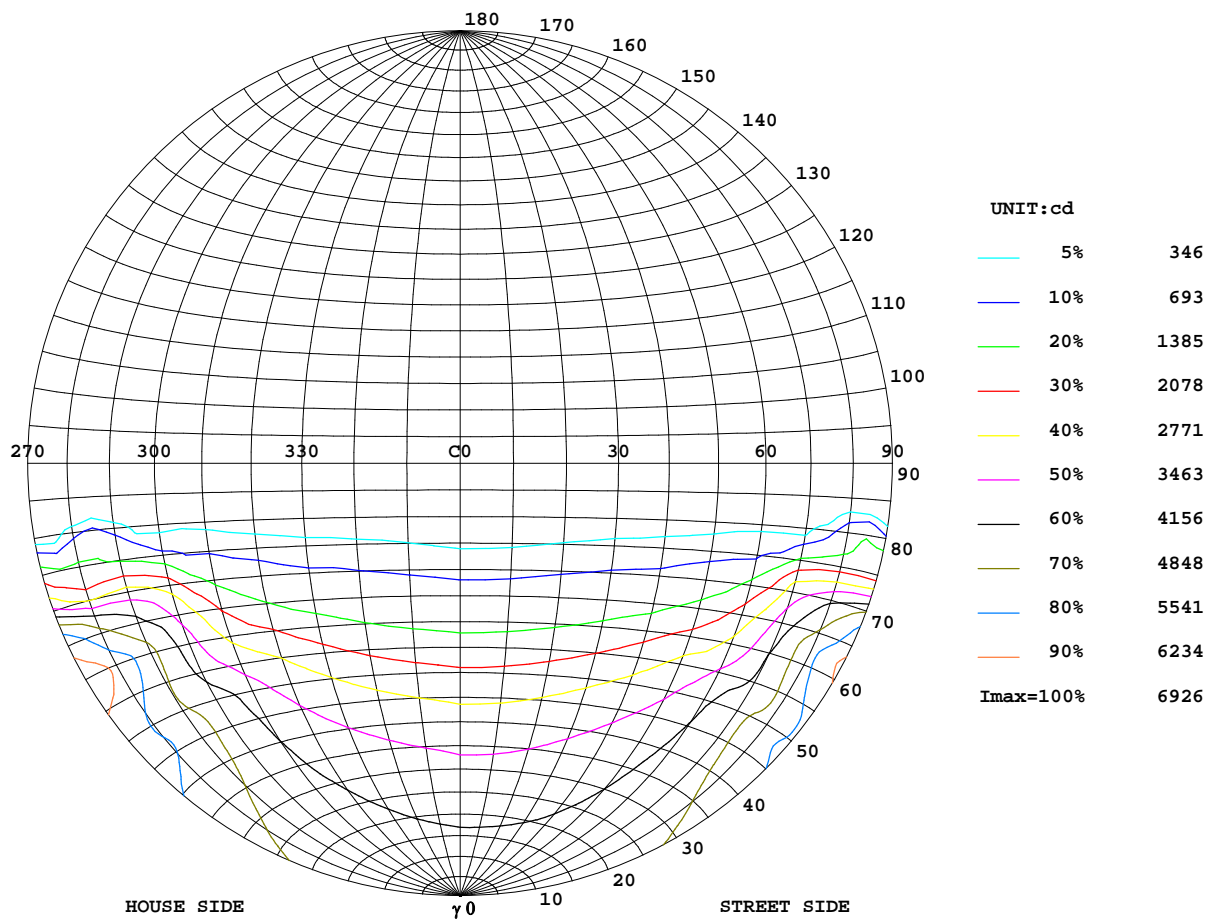
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Temperature:25.3DEG  
Operators:  
Test Date:2018年11月10日

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## Uncorrected UGR Table

Report number:

MANUFACTURER: LI TIAN						Address:				
NAME: LTOK-150W						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						22.6	24.3	22.9	24.5	24.7
4H						23.2	24.7	23.5	25.0	25.2
6H						23.3	24.8	23.7	25.0	25.3
8H						23.4	24.8	23.7	25.0	25.3
12H						23.4	24.7	23.8	25.0	25.3
4H 2H						23.4	24.7	23.8	25.0	25.3
3H						29.2	30.9	29.5	31.1	31.3
4H						32.1	33.6	32.4	33.9	34.1
6H						32.7	34.1	33.0	34.4	34.6
8H						32.9	34.3	33.3	34.6	34.9
12H						33.0	34.3	33.3	34.5	34.8
4H 4H						32.9	34.2	33.3	34.5	34.8
3H						29.1	30.6	29.5	30.8	31.1
4H						32.1	33.4	32.5	33.7	34.0
6H						32.7	33.9	33.1	34.2	34.5
8H						33.0	34.0	33.4	34.4	34.8
12H						33.1	34.0	33.5	34.4	34.8
4H 8H						33.1	33.9	33.5	34.3	34.7
3H						24.9	25.8	25.3	26.2	26.6
4H						32.6	33.5	33.0	33.9	34.3
6H						32.9	33.7	33.4	34.1	34.6
8H						25.1	25.9	25.6	26.3	26.7
12H						33.0	33.7	33.5	34.1	34.6
4H 12H						25.2	25.9	25.7	26.3	26.8
3H						33.0	33.6	33.5	34.0	34.5
4H						25.3	25.9	25.8	26.3	26.8
6H						32.6	33.4	33.0	33.8	34.2
8H						32.9	33.6	33.4	34.0	34.5
12H						33.0	33.6	33.5	34.0	34.5
Variations with the observer position at spacings:										
S = 1.0H		+ 0.5 / - 0.5				+ 0.2 / - 0.1				
1.5H		+ 0.4 / - 0.6				+ 0.2 / - 0.2				
2.0H		+ 1.1 / - 1.6				+ 1.3 / - 1.2				

CIE Pub.117 Corrected 20083 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.4)

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