

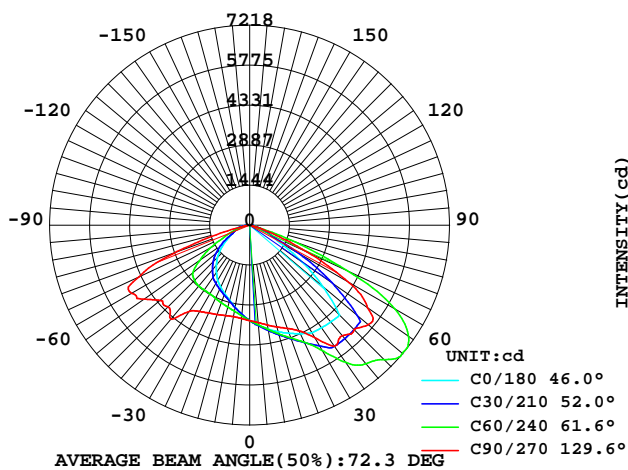
## STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

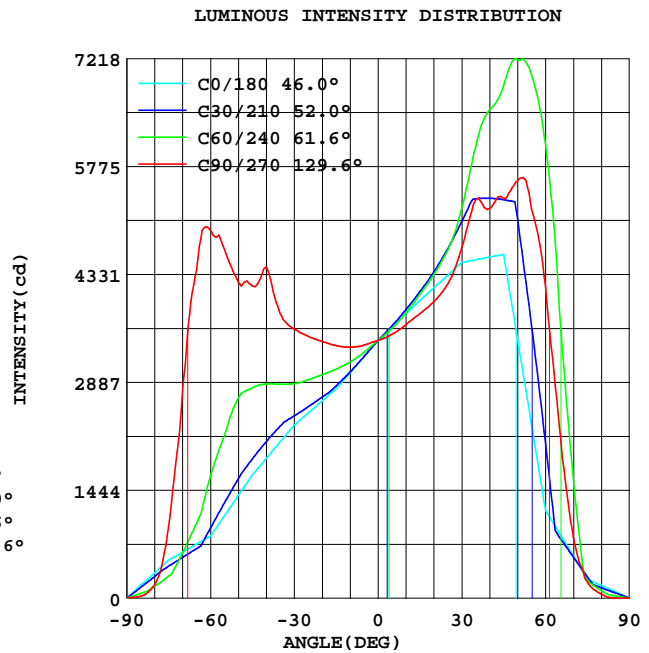
MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-100W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	7769	Effective Flux(lm):	13288.9
NOMINAL POWER(W):	100	MAXIMUM(C, $\gamma$ ):	245, 54.0	EEI	0.100
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.3
NOMINAL FLUX(lm):	13942.8	$\eta$ street_up(%):	0.0	Current(A)	0.452
TEST FLUX(lm):	13943	$\eta$ street_down(%):	48.3	Power(W)	97.69
LAMPS QUANTITY:	1	$\eta$ house_up(%):	0.0	Power Factor	0.983
TOTAL FLUX(lm):	13943	$\eta$ house_down(%):	51.7	EEFICIENCY(lm/W)	142.7

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:

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## Color Temperature Data List

Report number:

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

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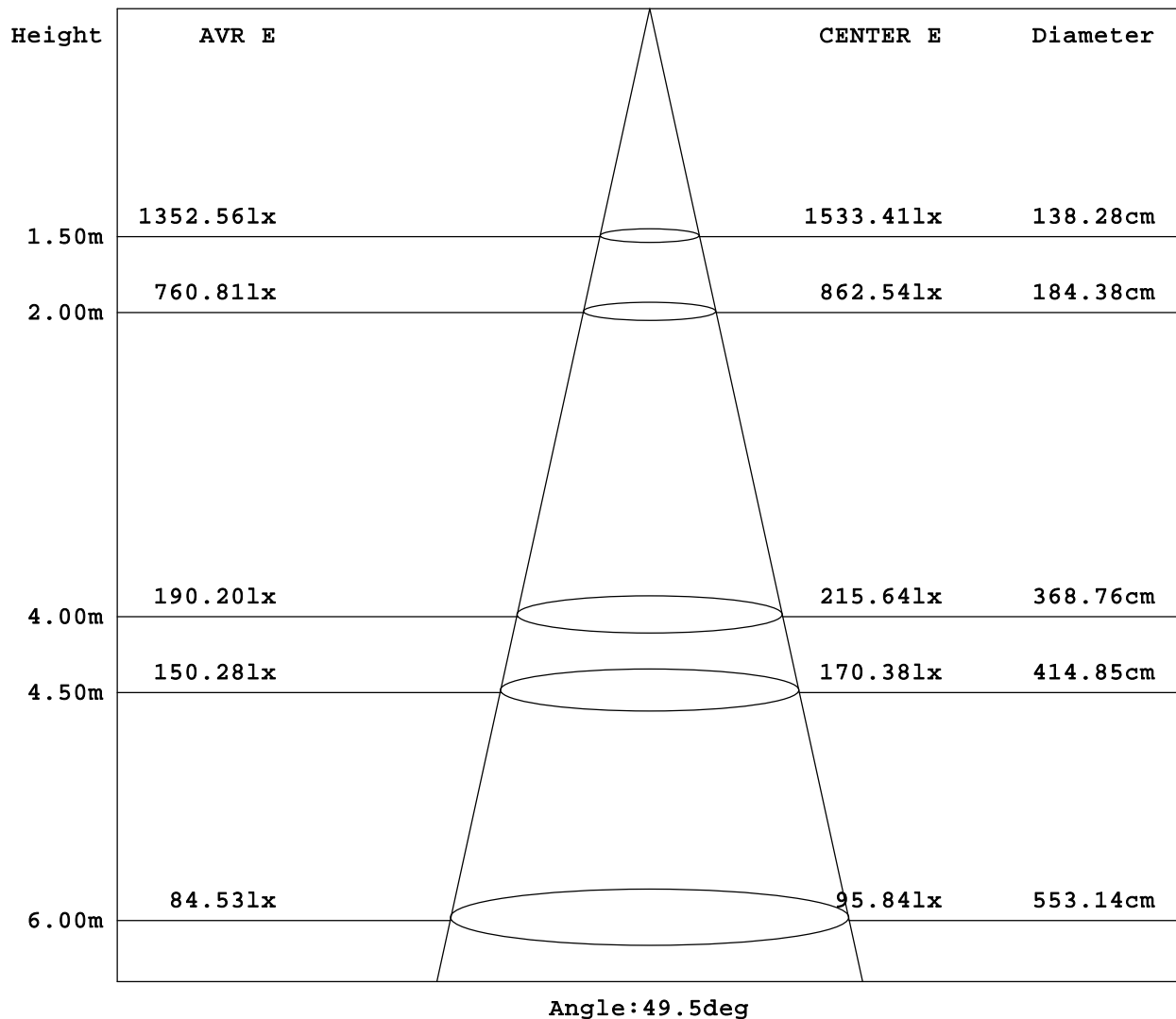
Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年11月09日

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

## AVERAGE AND CENTER E Figure

Report number:

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



Test System: HOPOO 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:

## ZONAL FLUX DIAGRAM

Report number:

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

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	Zone	total
5.0	3234	3256	3387	3528	3628	3634	3530	3347	0- 5	82.34	82.34
10.0	3018	3082	3358	3619	3806	3856	3660	3259	5- 10	246.6	329.0
15.0	2802	2937	3380	3735	3984	4109	3807	3178	10- 15	412.0	741.1
20.0	2640	2802	3435	3883	4154	4386	3967	3090	15- 20	579.8	1321
25.0	2478	2711	3504	4067	4323	4735	4208	3050	20- 25	752.8	2074
30.0	2317	2635	3600	4310	4492	5147	4692	3034	25- 30	938.1	3012
35.0	2095	2559	3805	4577	4528	5607	5334	2994	30- 35	1142	4154
40.0	1873	2468	4433	4836	4563	5982	5213	2874	35- 40	1334	5488
45.0	1650	2239	4175	4922	4599	6069	5339	2525	40- 45	1485	6972
50.0	1377	1954	4229	5032	3458	6191	5591	2069	45- 50	1576	8548
55.0	1104	1603	4665	5098	2316	5924	5202	1506	50- 55	1568	10117
60.0	831.1	1210	4922	3573	1175	4072	4158	1093	55- 60	1420	11537
65.0	724.5	782.4	4402	1756	868.6	1989	2298	743.1	60- 65	1108	12644
70.0	617.9	490.6	2791	597.9	562.2	588.1	807.2	494.3	65- 70	708.7	13353
75.0	511.3	351.1	958.6	341.3	255.8	330.2	211.3	353.9	70- 75	351.9	13705
80.0	341.4	216.9	180.4	115.0	171.3	111.2	54.35	216.0	75- 80	149.3	13855
85.0	171.6	107.6	26.23	57.55	86.84	55.62	3.748	106.3	80- 85	67.18	13922
90.0	1.764	1.543	10.69	1.764	2.315	2.094	6.063	2.094	85- 90	21.13	13943
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	

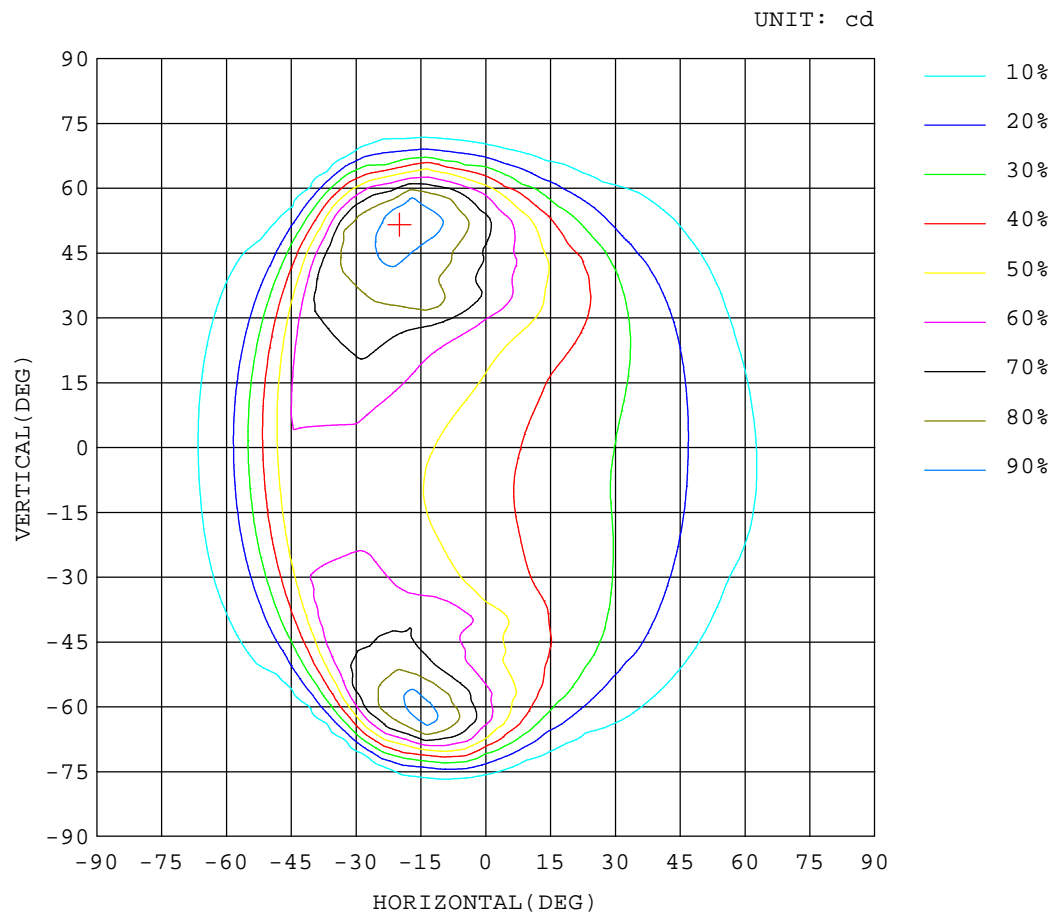
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 Operators:  
 Test Date:2018年11月09日

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## ISOCANDELA DIAGRAM

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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

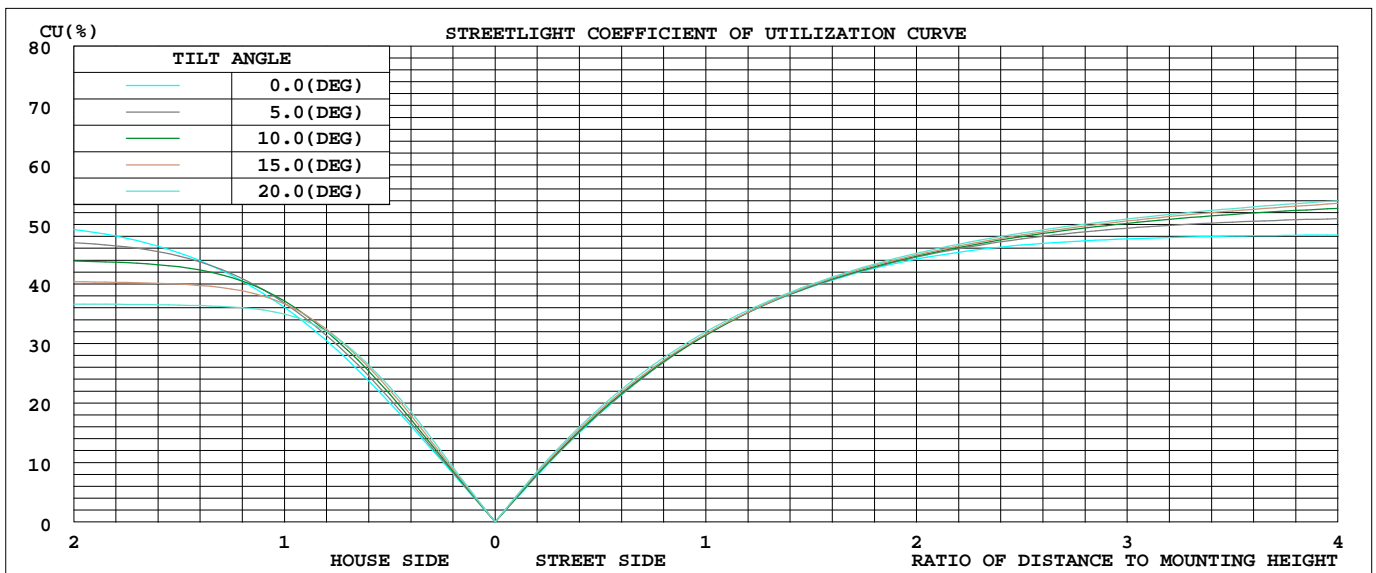
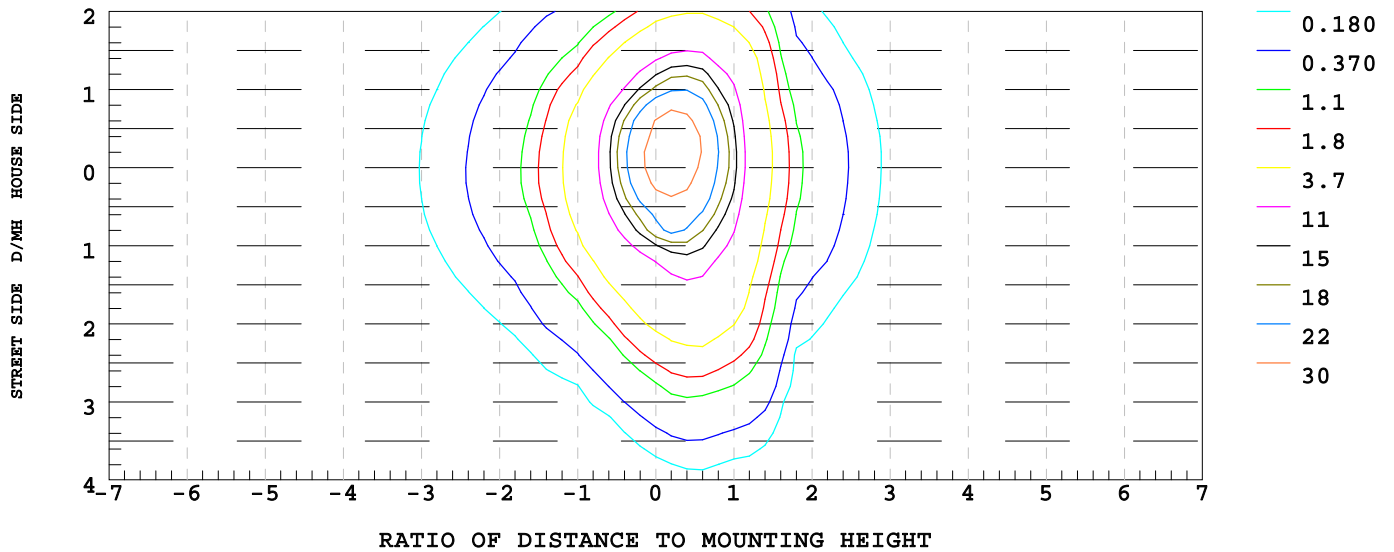
Test Set: 5.0deg/s B-Beta (TYPE B)  
Humidity:65.0%  
Test Distance:10.500 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 34.50 lx



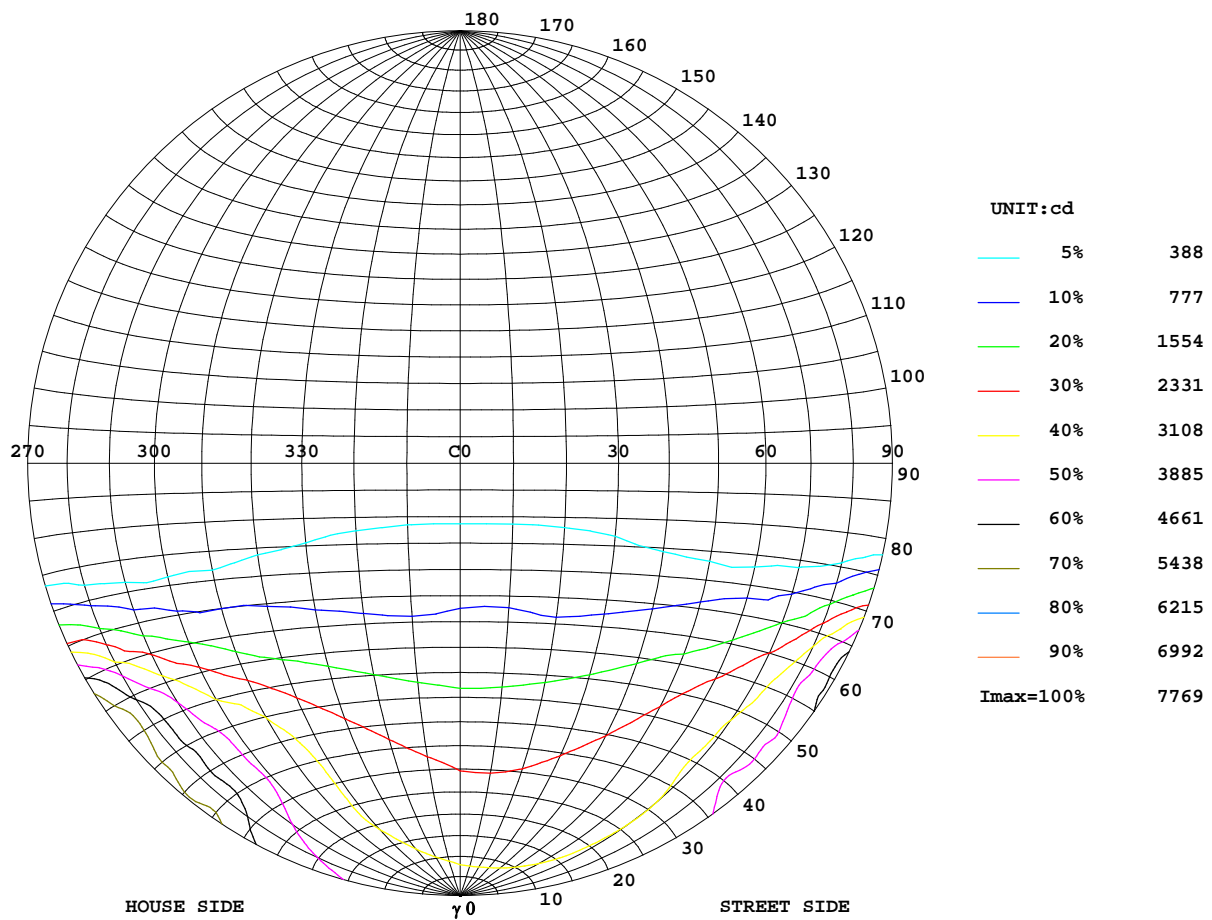
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Temperature:25.3DEG  
Operators:  
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Remarks:

## 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					Viewed endwise				
x = 2H y = 2H	20.9	22.4	21.1	22.6	22.8	27.6	29.1	27.8	29.3	29.5
3H	22.2	23.6	22.5	23.9	24.1	29.3	30.8	29.6	31.0	31.3
4H	23.0	24.3	23.3	24.6	24.8	29.5	30.9	29.8	31.1	31.4
6H	23.6	24.9	24.0	25.2	25.5	29.5	30.7	29.8	31.0	31.3
8H	23.9	25.1	24.2	25.4	25.7	29.4	30.6	29.8	30.9	31.2
12H	24.1	25.3	24.4	25.6	25.9	29.4	30.5	29.7	30.8	31.1
4H 2H	21.7	23.1	22.0	23.3	23.6	27.4	28.7	27.7	29.0	29.3
3H	23.1	24.2	23.4	24.5	24.8	29.2	30.4	29.5	30.7	31.0
4H	23.9	25.0	24.3	25.3	25.7	29.4	30.5	29.8	30.8	31.1
6H	24.8	25.7	25.2	26.1	26.4	29.4	30.3	29.8	30.7	31.0
8H	25.1	26.0	25.5	26.3	26.7	29.3	30.2	29.7	30.6	31.0
12H	25.4	26.2	25.8	26.5	27.0	29.3	30.1	29.7	30.5	30.9
8H 4H	24.1	25.0	24.5	25.3	25.7	29.3	30.2	29.7	30.5	30.9
6H	25.1	25.8	25.5	26.2	26.7	29.3	30.0	29.8	30.4	30.9
8H	25.6	26.2	26.0	26.6	27.1	29.3	29.9	29.8	30.4	30.8
12H	26.0	26.5	26.4	26.9	27.4	29.3	29.8	29.7	30.3	30.7
12H 4H	24.1	24.9	24.5	25.3	25.7	29.3	30.1	29.7	30.5	30.9
6H	25.1	25.8	25.6	26.2	26.6	29.3	29.9	29.8	30.4	30.8
8H	25.6	26.2	26.1	26.6	27.1	29.3	29.8	29.8	30.3	30.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 1.0 / - 0.9				
1.5H	+ 0.2 / - 0.3					+ 2.4 / - 2.4				
2.0H	+ 0.4 / - 0.6					+ 3.8 / - 4.2				

CIE Pub.117 Corrected 13943 lm Total Lamp Luminous Flux.(8log(F/F0) = 9.2)

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