

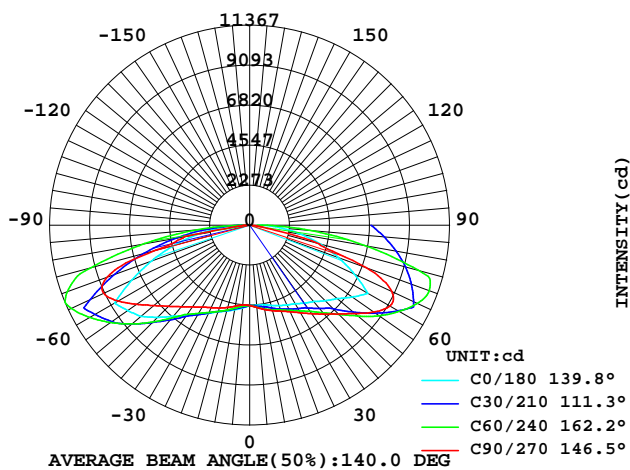
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

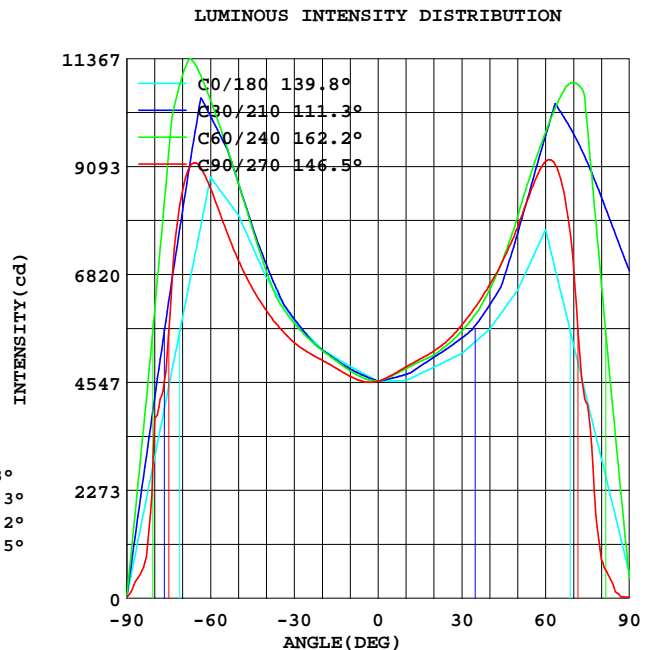
MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-300W-T5	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:	飞利浦	Imax(cd):	12237	Effective Flux(lm):	41067.7
NOMINAL POWER(W):	298	MAXIMUM(C, γ):	50, 69.5	EEI	0.099
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.1
NOMINAL FLUX(lm):	41251.7	η street_up(%):	0.0	Current(A)	1.374
TEST FLUX(lm):	41252	η street_down(%):	49.6	Power(W)	297.5
LAMPS QUANTITY:	1	η house_up(%):	0.0	Power Factor	0.988
TOTAL FLUX(lm):	41252	η house_down(%):	50.4	EEFICIENCY(lm/W)	138.7

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28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:	
NAME: L TOK-300W-T5	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

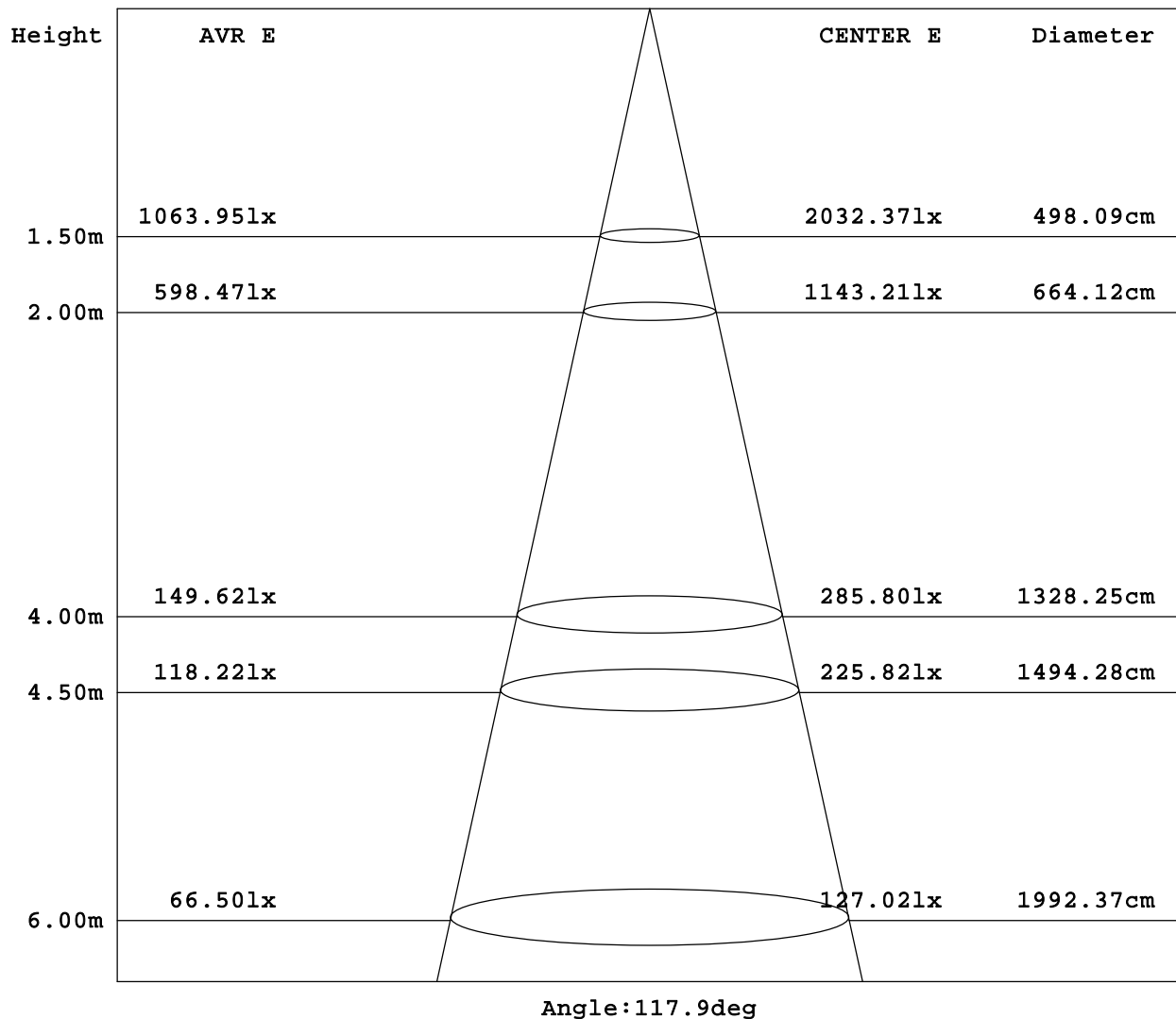
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Temperature:25.3DEG
Operators:
Test Date:2018年11月28日

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AVERAGE AND CENTER E Figure

Report number:

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Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-300W-T5	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	472.8	466.2	456.2	455.5	457.9	466.2	470.1	476.3	0- 5	110.5	110.5
10.0	488.3	481.7	467.6	460.5	458.5	478.4	487.3	497.5	5- 10	337.8	448.3
15.0	505.8	502.1	484.4	472.4	472.6	493.0	503.7	519.2	10- 15	577.6	1026
20.0	523.4	525.7	501.3	493.0	486.8	513.1	520.8	544.7	15- 20	832.4	1859
25.0	553.2	551.8	517.8	513.1	501.2	533.0	543.5	574.6	20- 25	1102	2961
30.0	583.0	588.7	538.2	535.5	515.7	558.0	575.6	618.0	25- 30	1394	4355
35.0	628.9	638.8	567.9	562.7	541.3	591.2	614.3	678.1	30- 35	1719	6075
40.0	674.9	705.2	605.9	597.7	566.9	636.5	660.8	757.7	35- 40	2096	8170
45.0	741.0	807.1	652.6	654.7	608.0	715.4	715.4	869.1	40- 45	2541	10711
50.0	807.0	912.7	711.6	728.5	649.1	811.2	781.9	966.3	45- 50	3069	13780
55.0	846.8	1012	784.9	839.3	712.7	917.8	862.3	1054	50- 55	3654	17434
60.0	886.5	1104	863.4	947.1	776.3	1015	920.3	1139	55- 60	4248	21682
65.0	739.2	1171	916.2	1057	655.7	1108	892.5	1193	60- 65	4692	26374
70.0	591.8	1102	859.4	1055	535.0	1085	702.8	1102	65- 70	4687	31061
75.0	444.5	846.5	555.0	888.0	414.4	905.1	407.5	832.6	70- 75	4121	35182
80.0	297.1	574.9	379.4	700.8	293.8	711.7	82.89	556.0	75- 80	3129	38311
85.0	149.8	291.4	52.33	501.6	173.2	496.0	13.52	279.4	80- 85	1973	40284
90.0	2.447	3.450	3.561	299.6	52.65	281.5	2.546	2.910	85- 90	967.3	41252
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:×10cd									UNIT:lm	

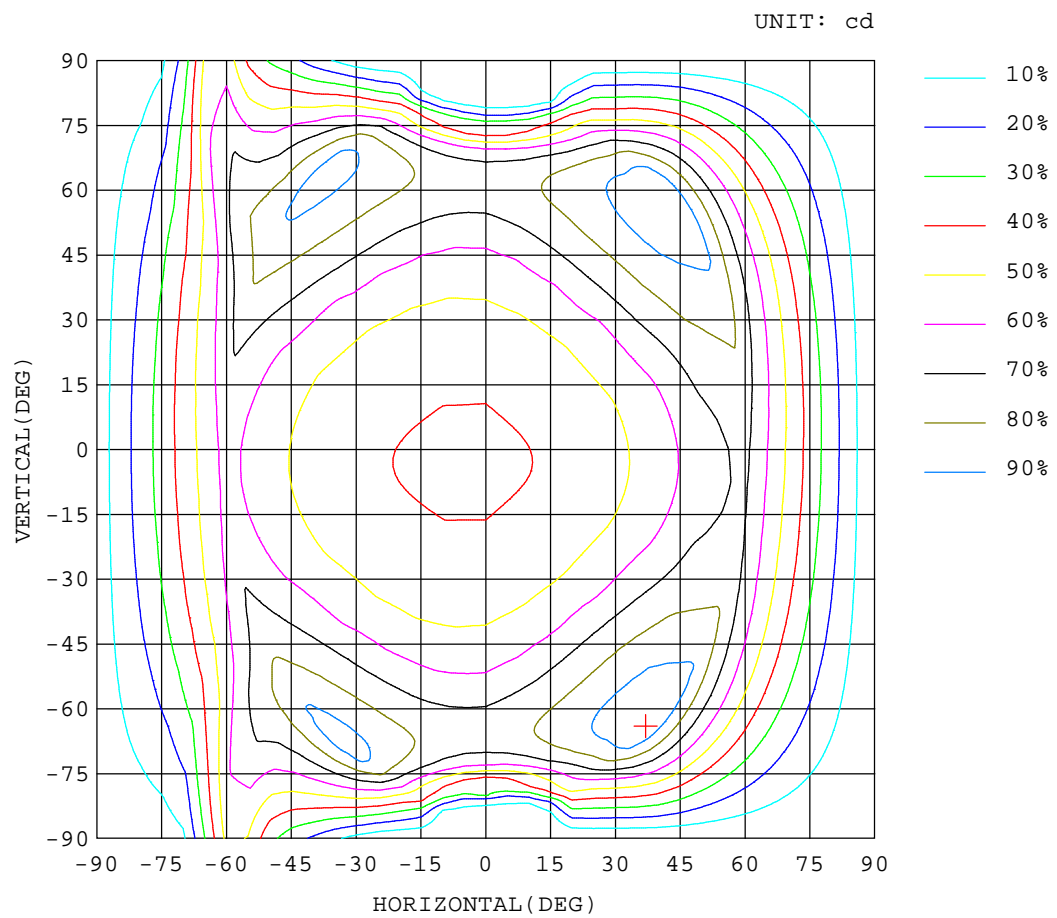
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ISOCANDELA DIAGRAM

Report number:

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NAME: L TOK-300W-T5	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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Test Date:2018年11月28日

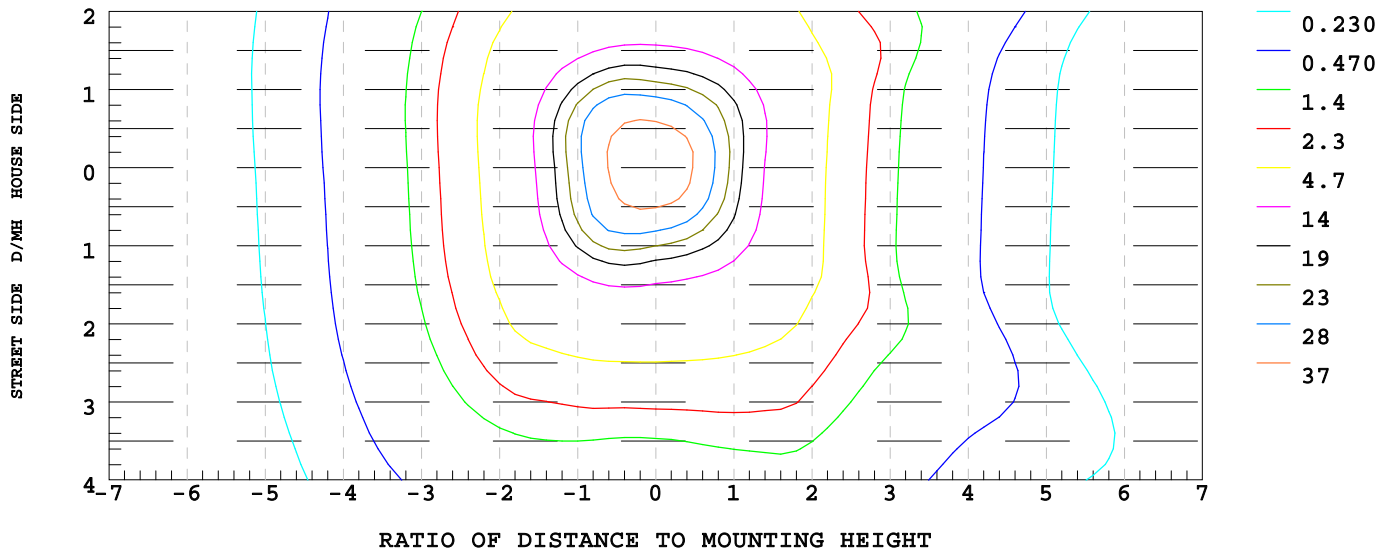
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ISOLUX DIAGRAM

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ILLUMINANCE AT MH=10 m, E_{nadir} = 45.73 lx



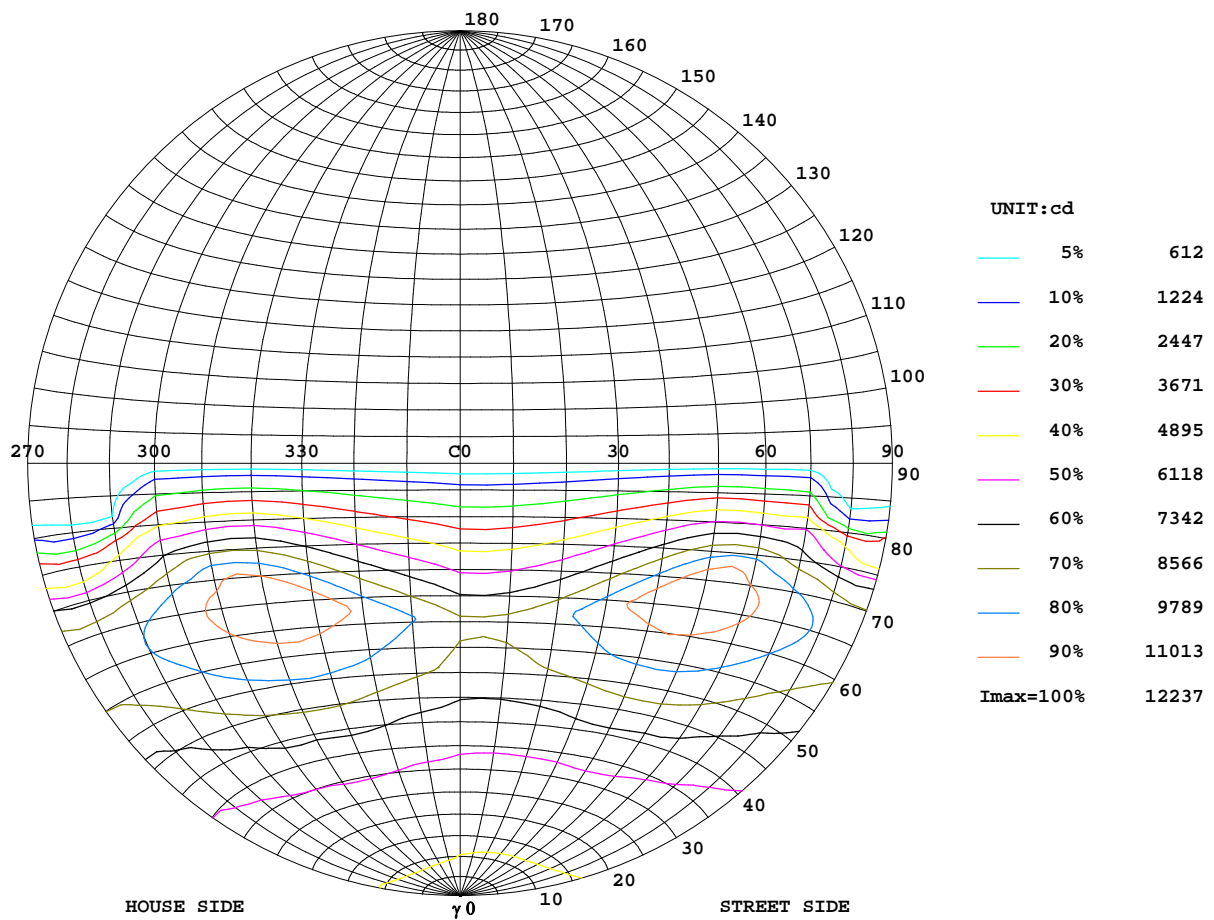
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Uncorrected UGR Table

Report number:

MANUFACTURER: LI TIAN						Address:				
NAME: LTOK-300W-T5						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						31.4	33.3	31.7	33.5	33.7
4H						31.7	33.6	32.0	33.8	34.0
6H						33.5	35.3	33.8	35.5	35.8
8H						34.3	36.0	34.6	36.3	36.6
12H						34.9	36.6	35.3	36.8	37.2
						35.2	36.7	35.5	37.1	37.4
						35.4	36.9	35.7	37.2	37.5
						36.5	38.0	36.9	38.4	38.7
4H 2H						33.1	34.8	33.4	35.0	35.3
3H						33.3	35.0	33.6	35.3	35.6
4H						35.3	36.8	35.6	37.1	37.4
6H						36.1	37.5	36.5	37.9	38.2
8H						36.7	38.2	37.0	38.5	38.8
12H						36.8	38.1	37.2	38.4	38.8
						37.1	38.3	37.5	38.6	39.0
						37.3	38.4	37.7	38.8	39.2
						38.7	39.8	39.1	40.2	40.6
8H 4H						37.2	38.3	37.6	38.7	39.1
6H						38.5	39.7	39.0	40.1	40.5
8H						38.0	39.0	38.5	39.5	39.9
12H						39.6	40.7	40.1	41.1	41.5
						38.4	39.3	38.9	39.7	40.2
						39.9	40.8	40.4	41.3	41.7
						38.7	39.5	39.1	39.9	40.4
						40.0	40.8	40.5	41.3	41.8
12H 4H						37.3	38.4	37.8	38.8	39.2
6H						38.6	39.7	39.0	40.1	40.5
8H						38.3	39.3	38.8	39.7	40.1
						39.8	40.7	40.3	41.1	41.6
						38.8	39.6	39.3	40.0	40.5
						40.2	41.0	40.7	41.4	41.9
Variations with the observer position at spacings:										
S = 1.0H		+ 0.1 / - 0.1				+ 0.0 / - 0.1				
1.5H		+ 0.1 / - 0.1				+ 0.0 / - 0.1				
2.0H		+ 0.5 / - 0.6				+ 0.1 / - 0.2				

CIE Pub.117 Corrected 41252 lm Total Lamp Luminous Flux.(8log(F/F0) = 12.9)

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