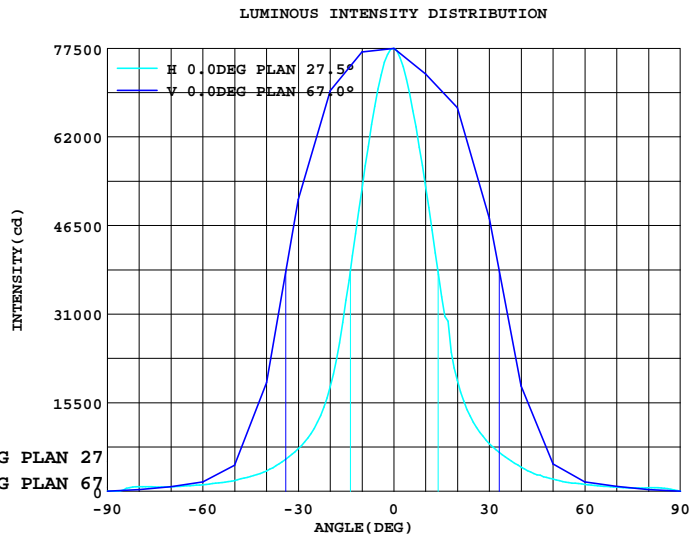
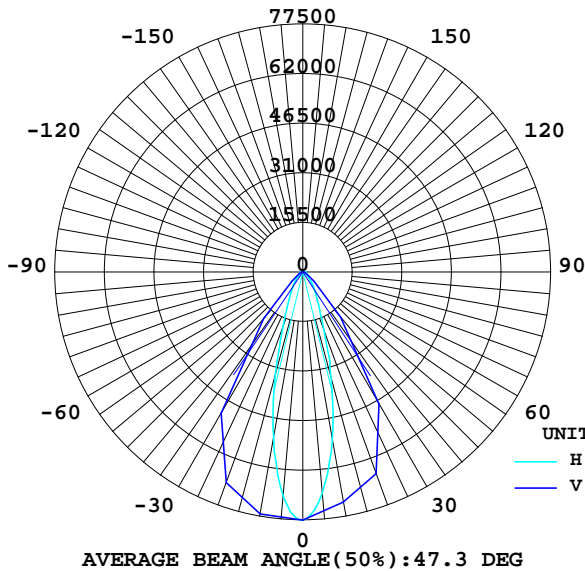


## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	400	Imax(cd):	77500	Voltage(V)	219.1
RATED VOLTAGE(V):	220	AVAILABILITY(%):	84.9	Current(A)	1.846
NOMINAL FLUX(lm):	52187	Avail. FLUX(lm):	44317	Power(W)	395.2
TEST FLUX(lm):	52187	EFFICIENCY(%):	100.0	Power Factor(PF)	0.977
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	52187	EFFICIENCY(lm/W)	132.0
Effective Flux(lm) :	44316.5	$\theta$ @50%(H, V):	27.5,67.0DEG	EEL:	0.122



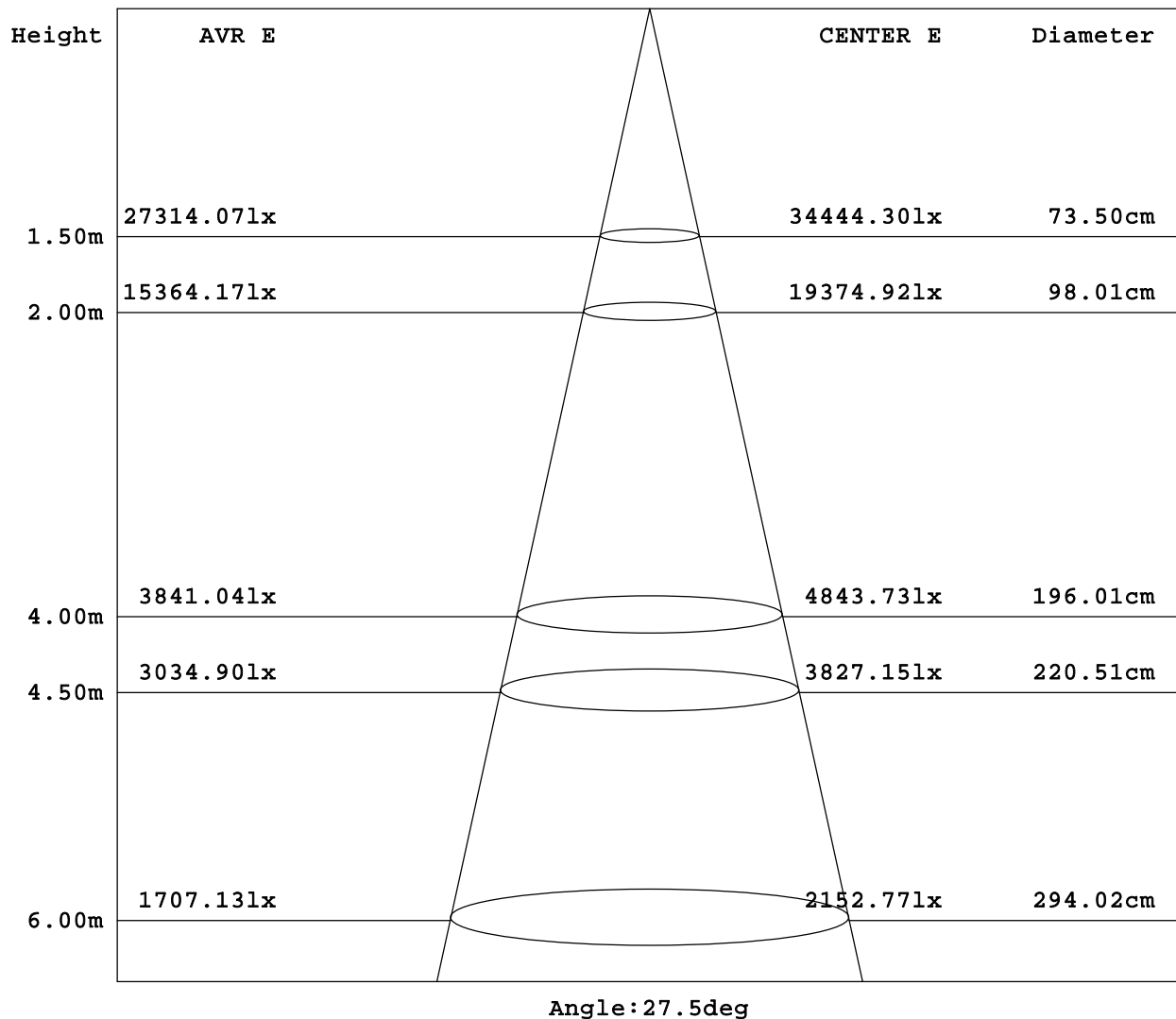
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年07月24日

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

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2017年07月24日

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

## AREA LUMINOUS FLUX

Report number:

MANUFACTURER: LI TIAN	Address:					
NAME: LT-T-115A	TYPE:			WEIGHT:		
SPECIFICATION:	DIMENSION:			SERIAL No.:		

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	3.47	5.28	7.15	9.03	11.1	13.9	16.1	17.1	17.9	18.3	17.8	16.8	14.0	10.4	8.02	6.07	4.42	3.10	201	0.00		
64	4.24	6.13	8.69	11.7	15.9	21.5	25.9	28.0	29.7	30.7	29.8	27.7	22.7	16.1	11.2	7.82	5.17	3.56	307	0.00		
56	4.68	6.85	10.3	15.1	22.8	33.6	44.7	52.2	55.6	57.2	55.1	47.4	35.6	23.9	15.2	9.95	6.07	3.72	501	0.00		
48	4.84	7.71	12.2	19.5	32.7	55.4	85.4	114	127	129	118	88.8	58.1	35.2	20.6	12.4	7.43	4.14	933	9.44		
40	5.22	8.79	14.5	25.1	46.8	94.0	179	312	438	440	318	187	100	51.8	26.8	14.9	8.44	4.55	2275	1855		
32	5.50	9.55	16.5	30.3	60.4	128	278	590	910	899	574	281	136	67.9	33.2	17.7	9.53	5.08	4052	3675		
24	5.83	10.3	18.4	35.0	71.9	153	355	819	1290	1269	800	362	164	82.2	39.5	20.2	10.4	5.55	5512	5147		
VERTICAL( DEG )	6.19	11.0	20.0	38.7	78.8	162	390	916	1433	1410	916	402	177	91.3	44.6	22.0	11.3	5.89	6137	5771		
	6.27	11.5	20.8	40.8	80.5	160	391	894	1389	1363	881	380	175	92.6	46.0	23.0	12.2	6.20	5974	5596		
	6.38	11.7	21.2	39.6	77.4	151	339	863	1424	1416	877	381	169	90.5	45.7	22.9	12.2	6.03	5953	5559		
	6.20	11.3	20.1	37.7	73.3	144	335	836	1393	1386	861	359	162	85.6	42.7	21.8	11.5	5.93	5792	5402		
	5.96	10.5	18.4	34.2	66.0	133	311	770	1292	1293	811	336	150	77.3	38.1	19.8	10.4	5.56	5384	4998		
	5.68	9.68	16.4	29.2	55.6	114	256	641	1085	1100	691	302	132	65.5	32.4	17.2	9.21	5.00	4569	4182		
	5.22	8.74	14.2	23.8	42.9	87.2	181	402	697	707	410	199	99.1	48.7	25.1	14.5	8.42	4.62	2980	2569		
	5.04	7.92	12.3	19.0	30.6	54.6	89.8	113	130	137	128	101	61.4	34.0	19.5	11.9	7.25	4.06	967	382		
	4.70	6.87	10.3	14.8	21.6	32.0	38.3	25.7	18.5	18.4	26.1	39.7	33.2	22.1	14.6	9.82	6.21	3.71	347	0.00		
	4.31	5.94	8.56	11.3	14.8	17.2	13.8	10.7	10.3	10.5	10.3	11.9	15.2	13.6	10.5	7.74	5.09	3.34	186	0.00		
	3.73	5.15	6.90	8.58	9.97	10.7	8.81	5.64	4.60	4.65	4.99	6.97	9.13	8.63	7.18	5.63	3.96	2.86	118	0.00		
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL( DEG )					16	24	32	40	48	56	64	72	
Φ t	93.5	155	257	444	814	1565	3338	7410	11747	11689	7529	3531	1715	918	482	266	150	82.9	52187			
Φ a	0.00	0.00	0.00	0.00	0.00	750	2974	7107	11452	11412	7220	3184	1046	0.00	0.00	0.00	0.00	0.00		44317		

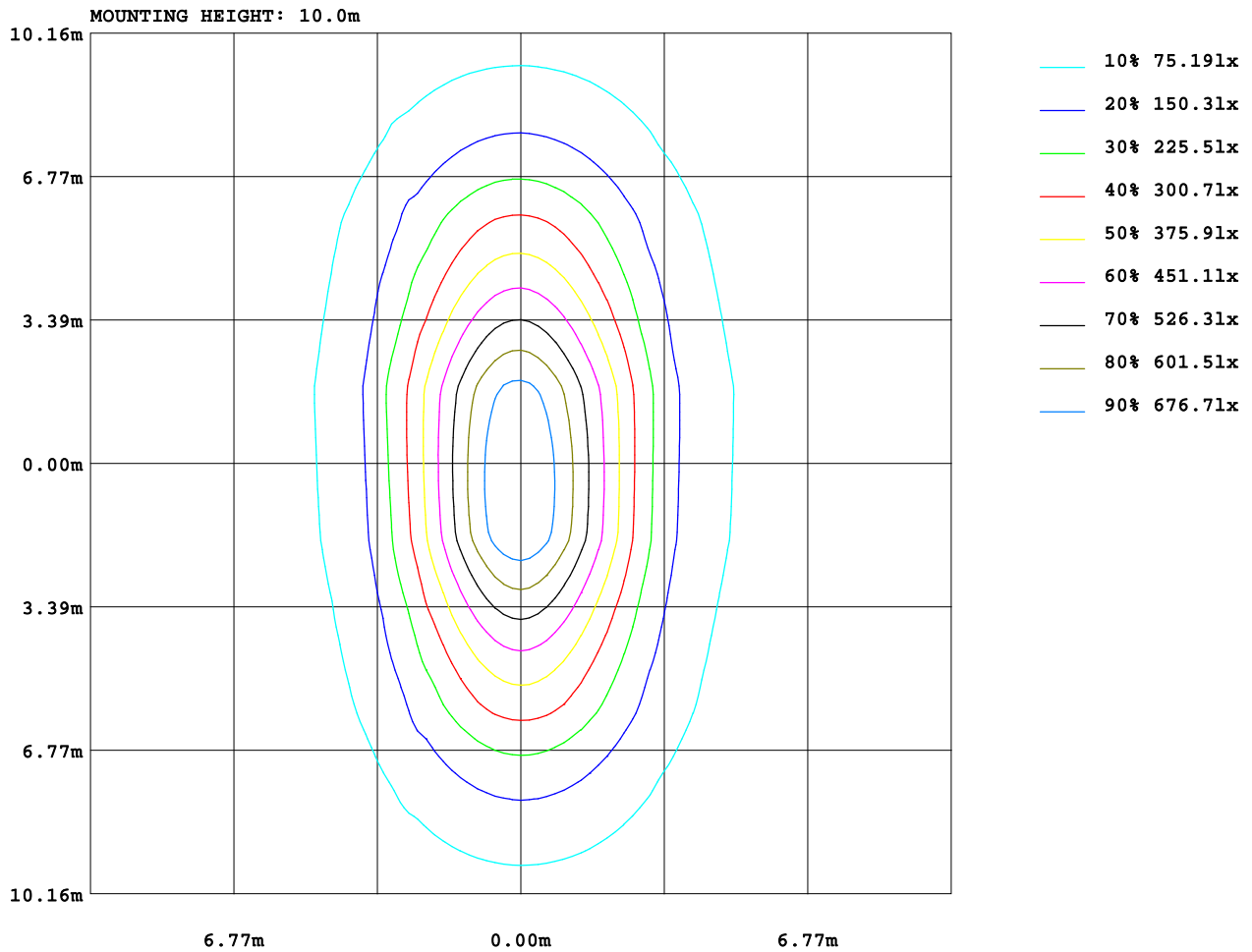
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年07月24日

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: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



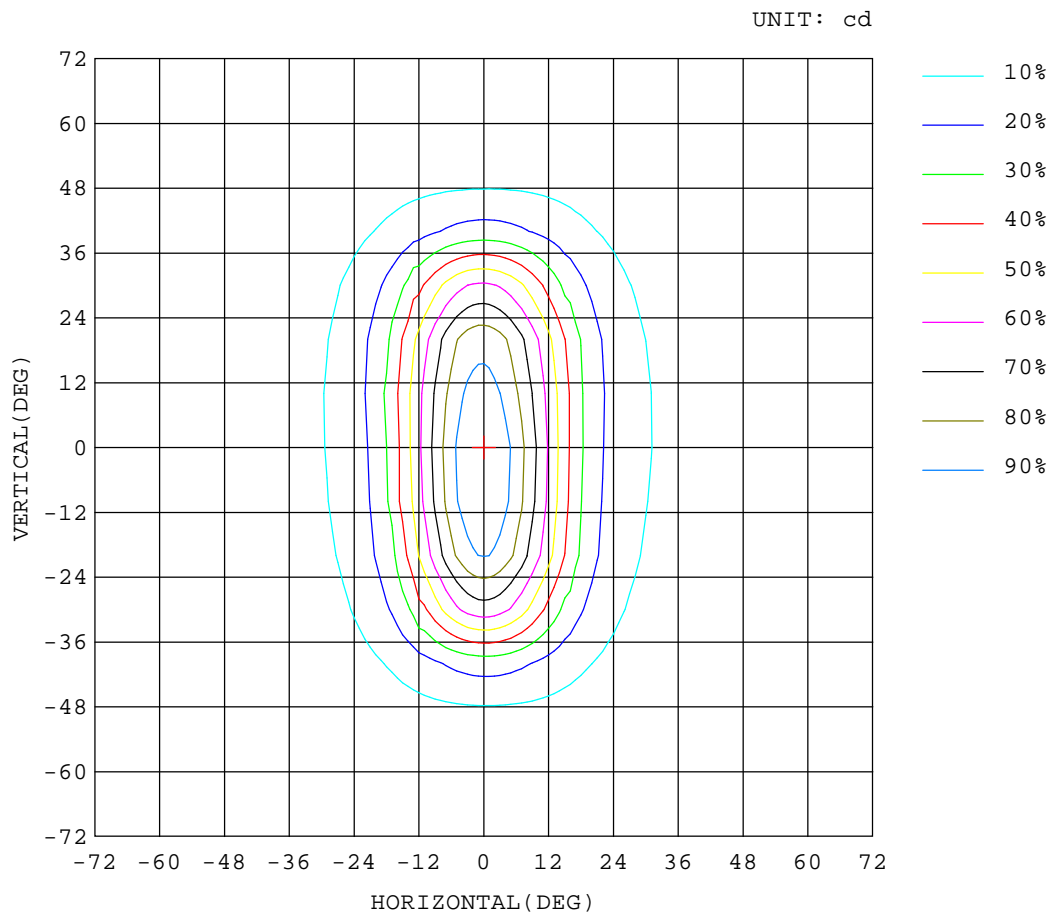
Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2017年07月24日

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

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2017年07月24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: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	6959	7282	7718	7354	7038	7252	7526	7155	0- 5	1792	1792
10.0	5325	6288	7686	6301	5277	6207	7301	6105	5- 10	4838	6630
15.0	3403	5006	7348	4891	3343	4939	7005	4889	10- 15	6717	13347
20.0	1939	3593	7010	3400	1832	3613	6709	3595	15- 20	7373	20719
25.0	1207	2409	6056	2121	1101	2438	5740	2480	20- 25	7150	27869
30.0	832.3	1553	5102	1389	745.4	1603	4772	1644	25- 30	6385	34254
35.0	602.5	1027	3501	909.3	519.7	1060	3308	1108	30- 35	5312	39566
40.0	423.6	702.6	1900	618.9	357.9	726.6	1844	770.1	35- 40	3949	43515
45.0	291.1	473.3	1178	418.9	260.3	486.3	1161	520.8	40- 45	2732	46247
50.0	214.4	317.1	455.4	279.3	190.0	321.5	477.3	350.7	45- 50	1864	48112
55.0	151.9	216.4	310.8	193.9	148.3	217.4	321.7	235.9	50- 55	1209	49320
60.0	123.1	144.4	166.2	140.3	116.6	150.1	166.2	157.8	55- 60	865.9	50186
65.0	94.06	103.9	124.2	105.4	95.81	109.4	127.6	111.5	60- 65	622.7	50809
70.0	73.28	74.35	82.14	80.15	79.08	80.92	89.04	78.42	65- 70	481.4	51290
75.0	59.93	52.55	55.22	60.52	78.11	60.45	60.96	55.27	70- 75	365.0	51655
80.0	64.62	34.46	28.31	41.50	82.04	43.14	32.87	37.12	75- 80	277.0	51932
85.0	55.23	18.01	16.89	22.24	19.90	23.89	17.78	19.72	80- 85	185.8	52118
90.0	0.584	2.623	5.479	2.612	1.234	1.400	2.690	2.149	85- 90	69.26	52187
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: $\times 10\text{cd}$									UNIT:lm	

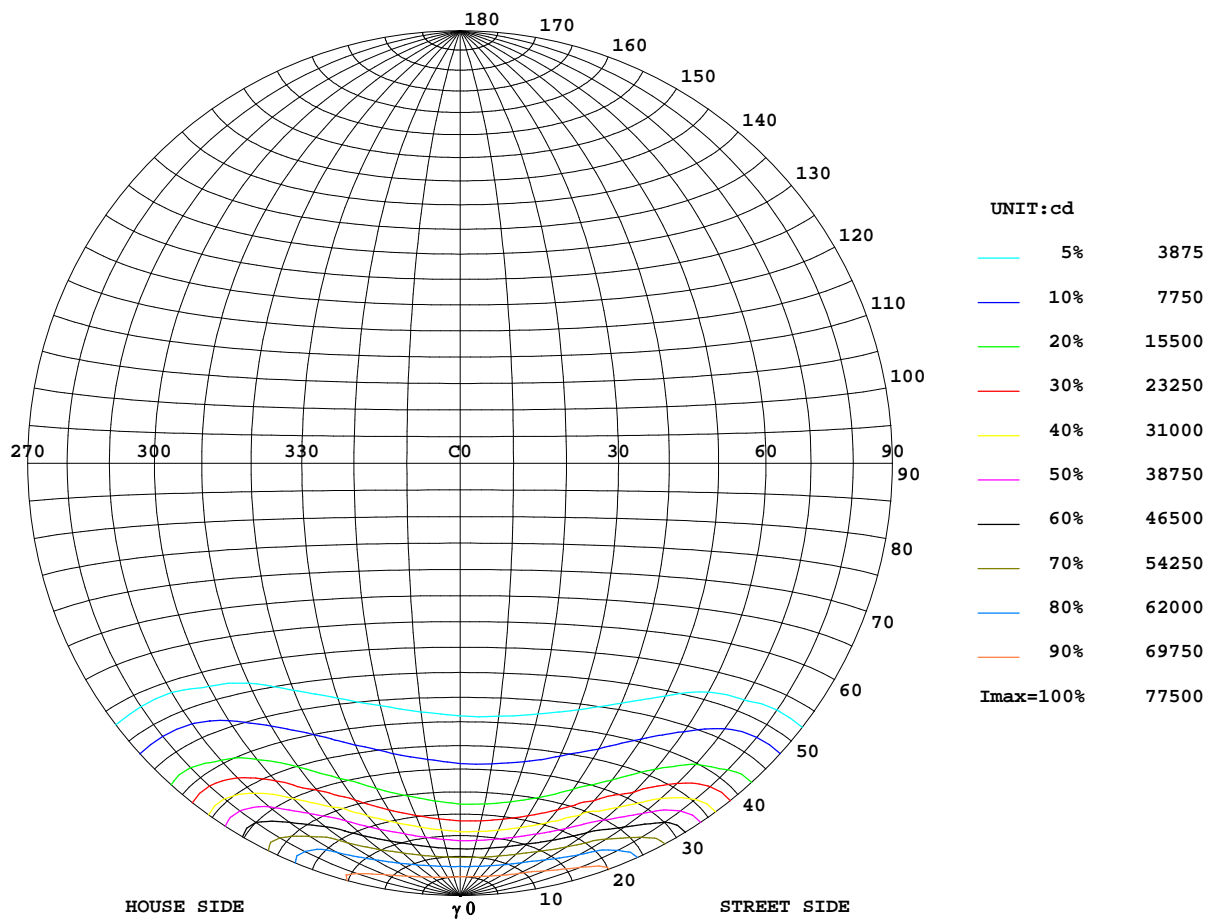
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年07月24日

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

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2017年07月24日

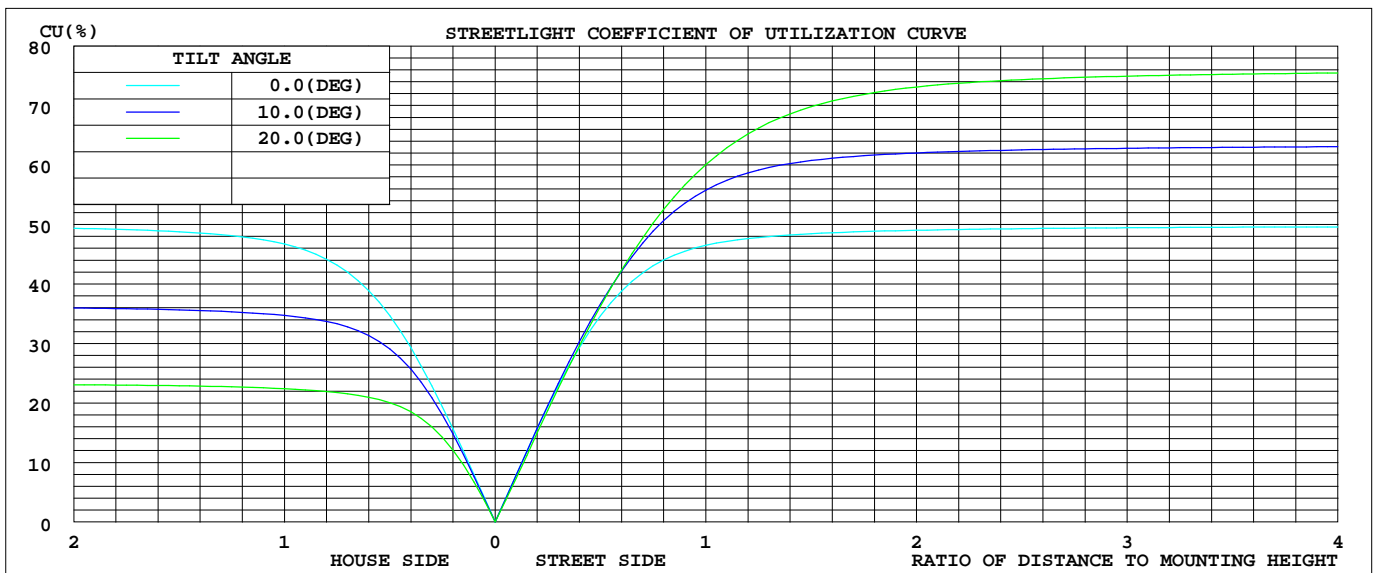
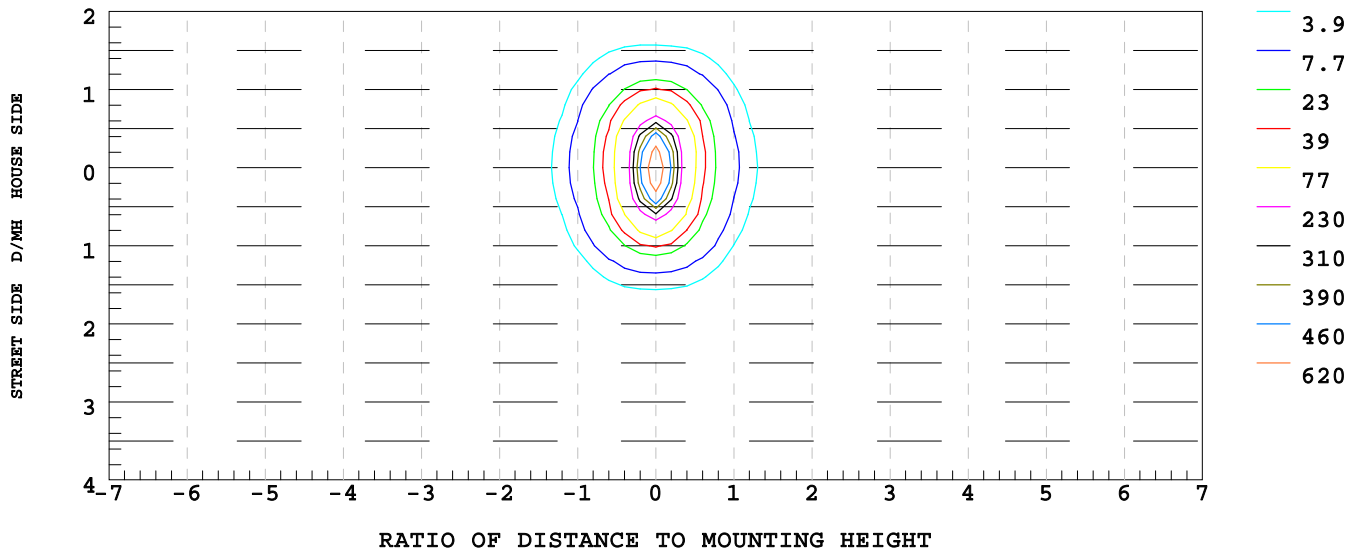
Test Set: 5.0deg/s B-Beta (TYPE B)  
Humidity:65.0%  
Test Distance:10.500 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 775.00 lx



Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2017年07月24日

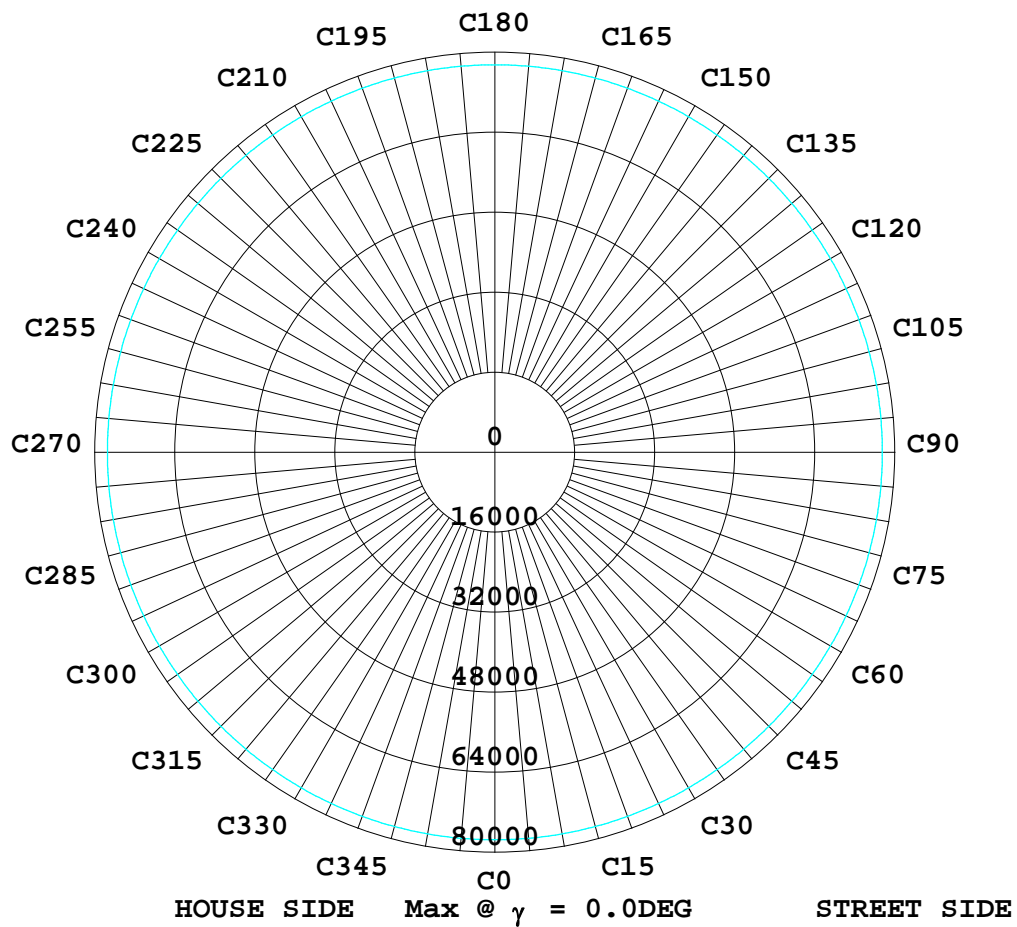
Test Set: 5.0deg/s B-Beta (TYPE B)  
Humidity:65.0%  
Test Distance:10.500 m  
Remarks:



## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2017年07月24日

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