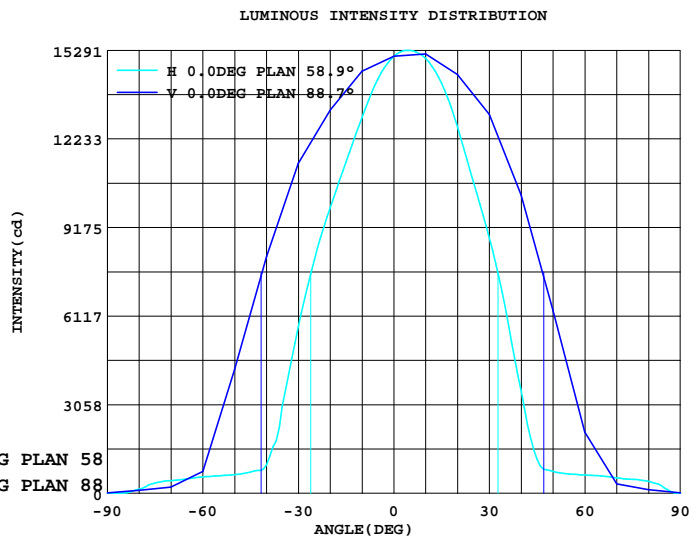
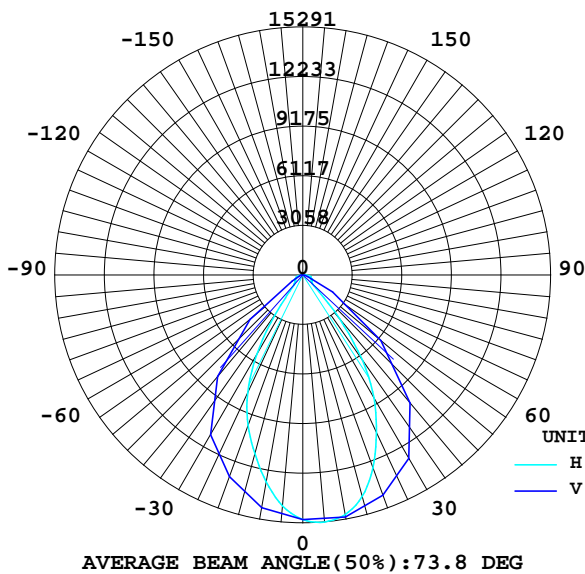


## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

MODEL:					
NOMINAL POWER(W):	148	Imax(cd):	15291	Voltage(V)	219.6
RATED VOLTAGE(V):	220	AVAILABILITY(%):	92.6	Current(A)	0.690
NOMINAL FLUX(lm):	19801	Avail. FLUX(lm):	18338	Power(W)	146.1
TEST FLUX(lm):	19801	EFFICIENCY(%):	100.0	Power Factor(PF)	0.963
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	19801	EFFICIENCY(lm/W)	135.5
Effective Flux(lm) :	18337.6	$\theta$ @50%(H, V):	58.8,89.2DEG	EEL:	0.109



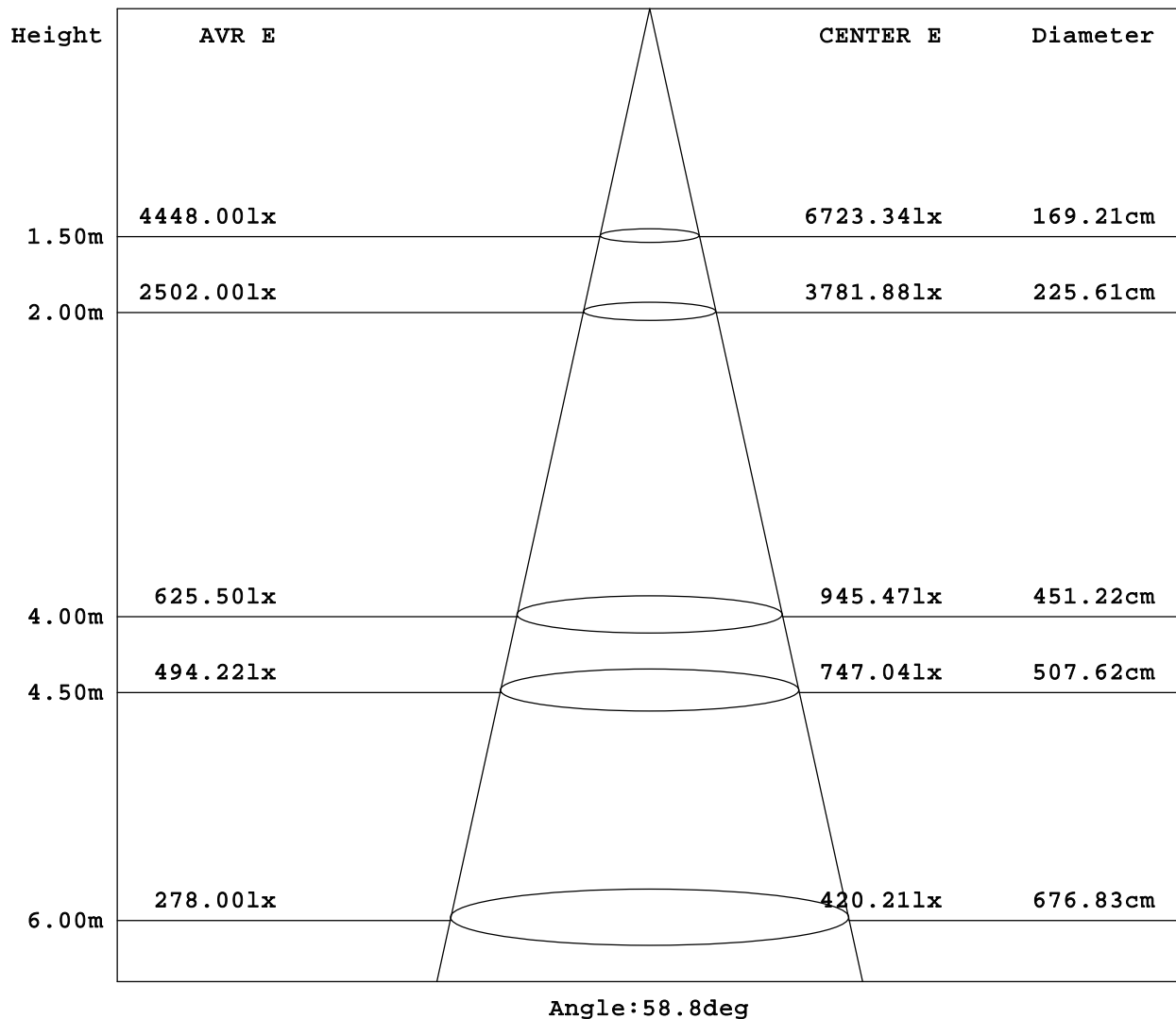
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年07月31日

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31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.:		

		AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
		0.00	0.01	0.01	0.01	0.06	0.20	0.35	0.45	0.46	0.48	0.48	0.41	0.25	0.09	0.02	0.01	0.01	0.00	3.30	0.00		
VERTICAL (DEG)	90																						
	80																						
	70																						
	60																						
	50																						
	40																						
	30																						

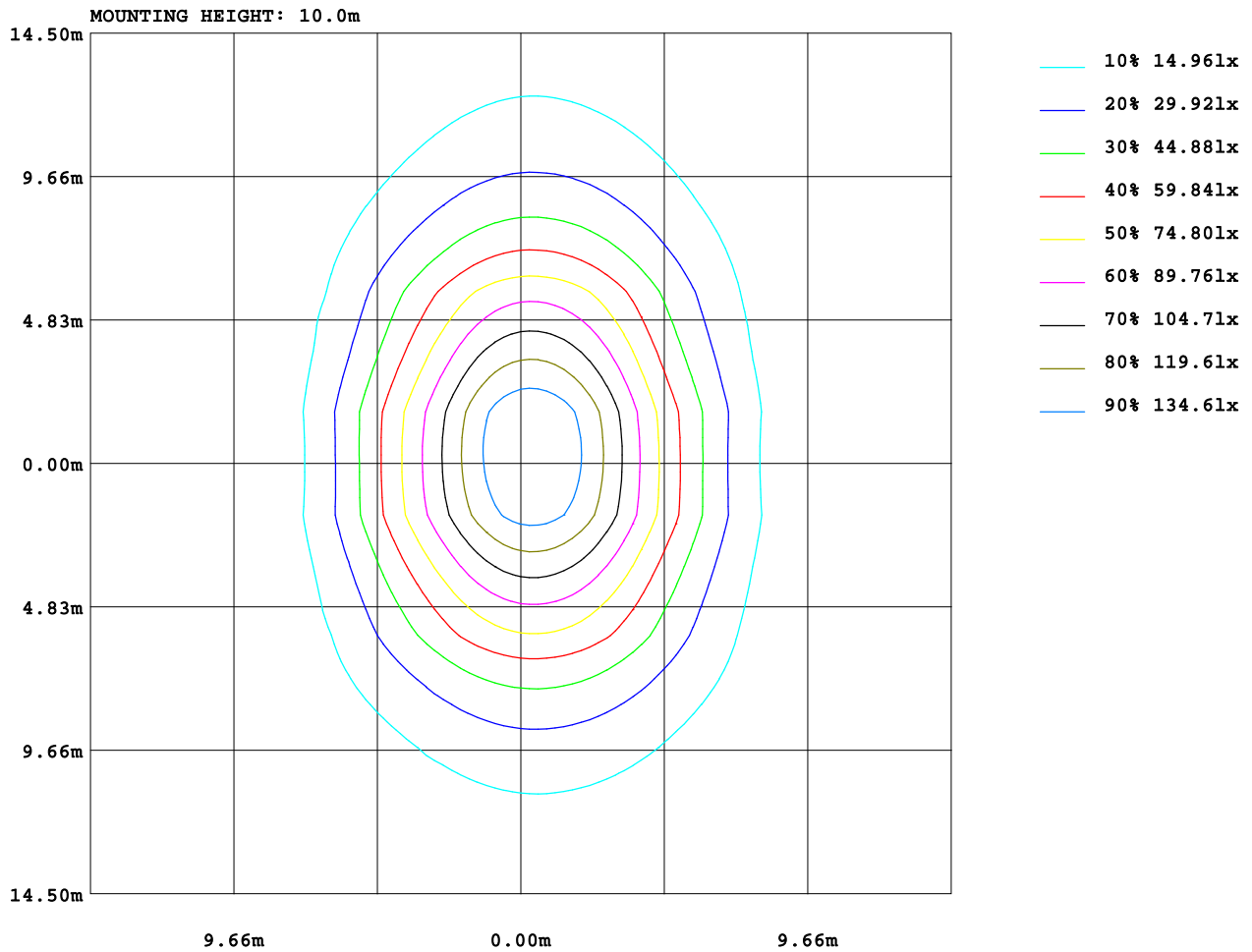
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年07月31日

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.:



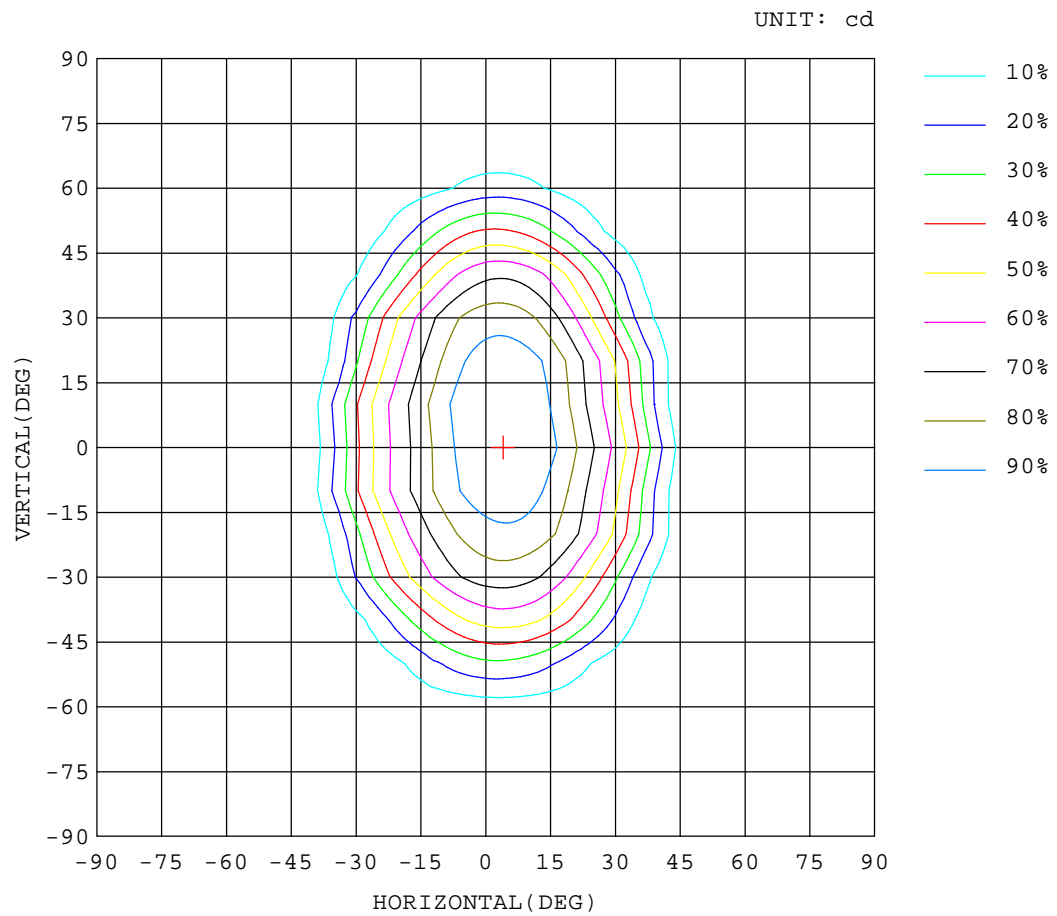
Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2017年07月31日

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31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	1529	1508	1483	1448	1442	1469	1513	1528	0- 5	358.5	358.5
10.0	1495	1479	1454	1358	1312	1395	1514	1517	5- 10	1047	1406
15.0	1404	1421	1391	1248	1158	1290	1482	1473	10- 15	1658	3064
20.0	1247	1321	1328	1110	1003	1155	1450	1380	15- 20	2145	5209
25.0	1056	1197	1231	968.3	825.5	1018	1377	1256	20- 25	2478	7687
30.0	861.7	1031	1135	794.0	599.5	850.8	1304	1082	25- 30	2616	10302
35.0	609.9	827.3	978.1	592.9	328.5	645.3	1170	877.2	30- 35	2519	12821
40.0	332.6	609.5	821.3	384.7	110.4	425.8	1035	654.9	35- 40	2150	14971
45.0	104.0	375.2	623.0	206.0	74.79	229.9	831.2	415.8	40- 45	1636	16607
50.0	73.87	178.6	424.8	74.62	65.36	105.2	627.6	216.7	45- 50	1146	17752
55.0	66.50	82.67	250.3	44.03	60.84	62.87	420.8	101.3	50- 55	758.1	18511
60.0	62.96	40.18	75.90	30.70	57.21	42.10	214.1	50.82	55- 60	468.8	18979
65.0	59.53	28.76	48.83	26.21	50.81	32.43	123.5	36.56	60- 65	281.8	19261
70.0	52.80	22.30	21.76	21.84	44.28	25.47	32.83	27.46	65- 70	202.4	19464
75.0	48.30	17.61	16.07	16.55	37.33	19.70	22.90	21.13	70- 75	147.0	19611
80.0	39.94	12.11	10.38	10.34	17.29	13.72	12.98	14.97	75- 80	108.6	19719
85.0	14.77	6.465	5.837	4.776	1.146	7.256	7.304	8.174	80- 85	62.31	19782
90.0	0.309	0.518	1.289	0.198	0.695	0.287	1.620	0.485	85- 90	19.55	19801
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	

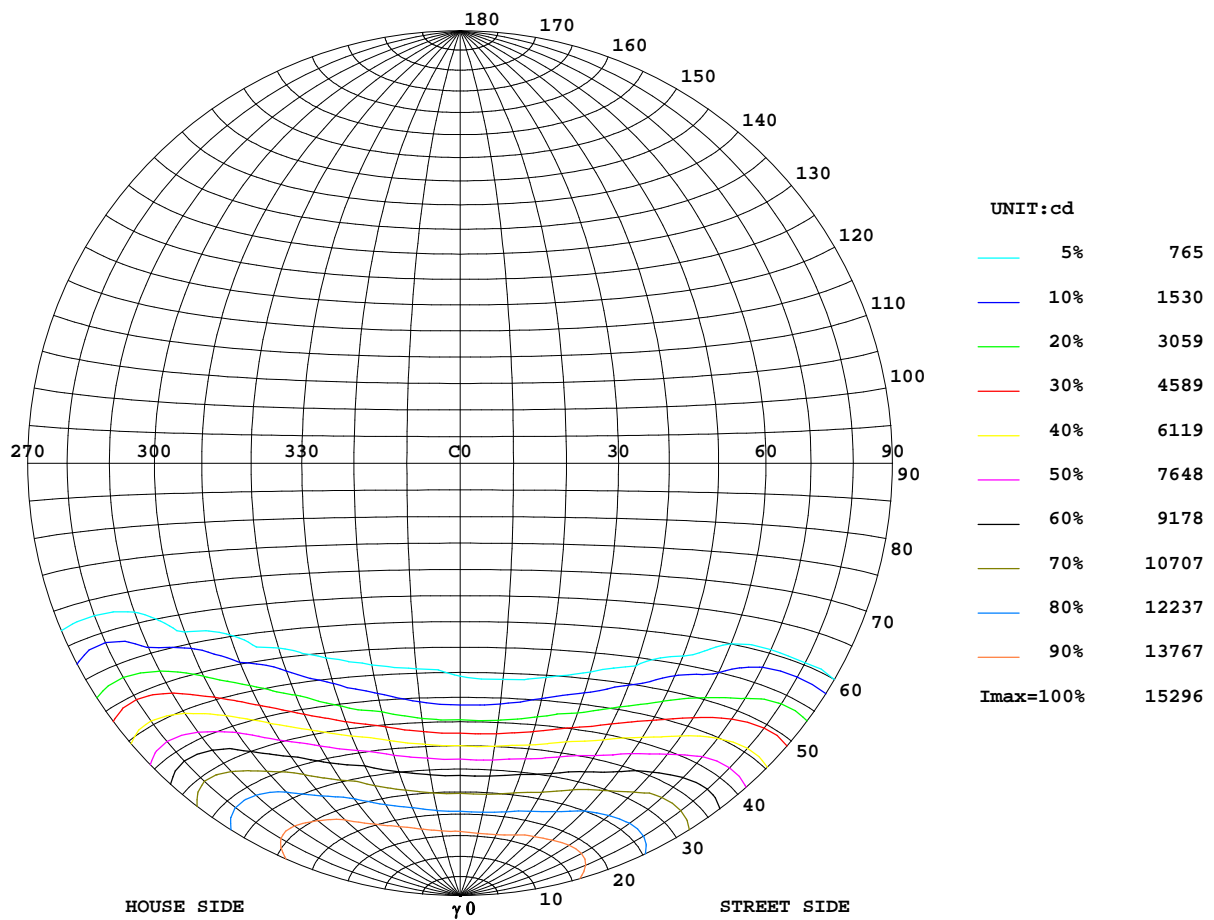
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017年07月31日

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31日

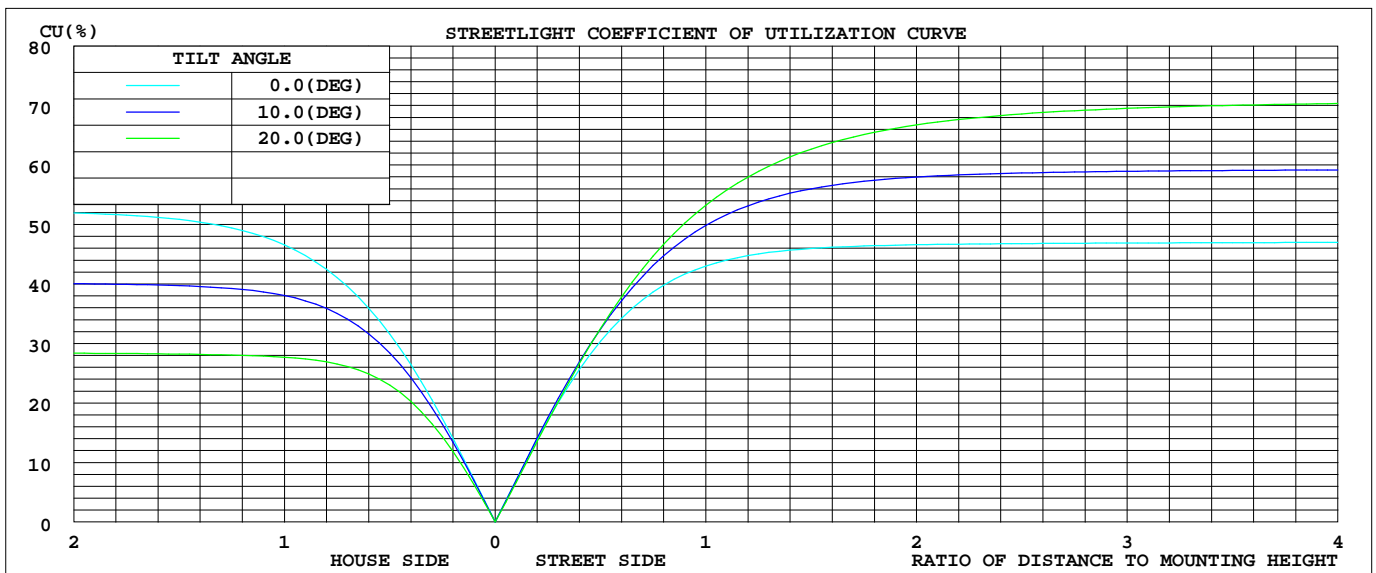
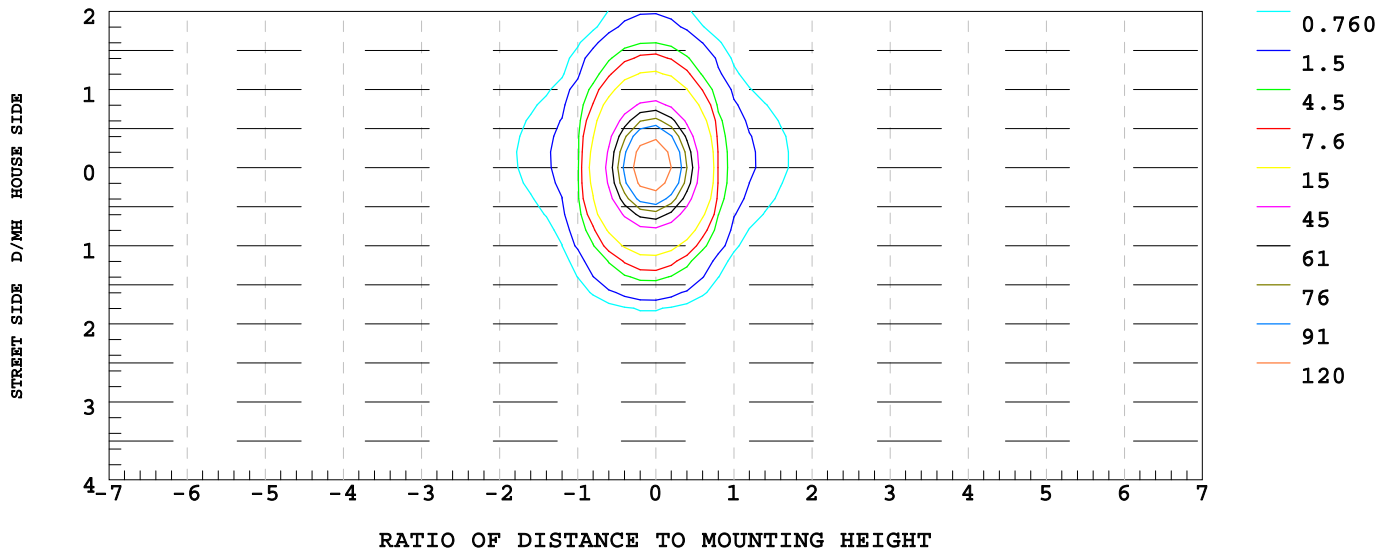
Test Set: 5.0deg/s B-Beta (TYPE B)  
Humidity:65.0%  
Test Distance:10.500 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 151.28 lx



Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2017年07月31日

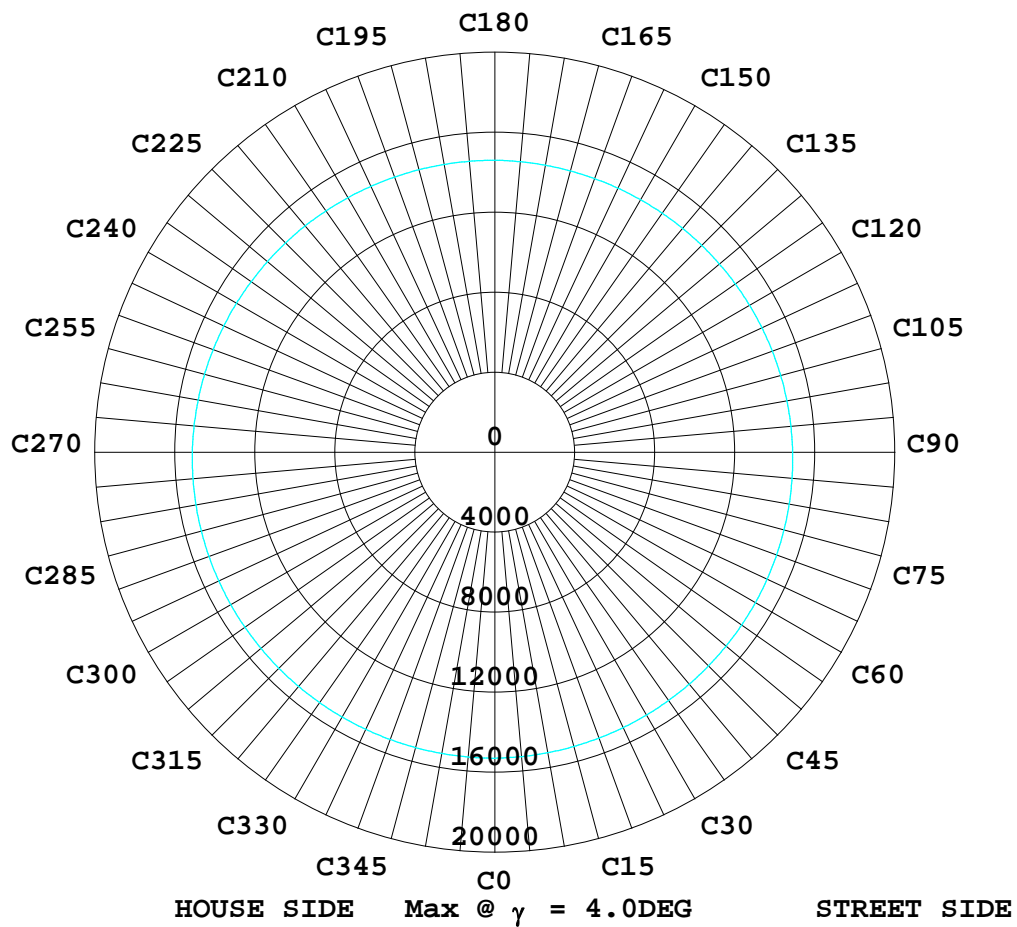
Test Set: 5.0deg/s B-Beta (TYPE B)  
Humidity:65.0%  
Test Distance:10.500 m  
Remarks:



## 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31日

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