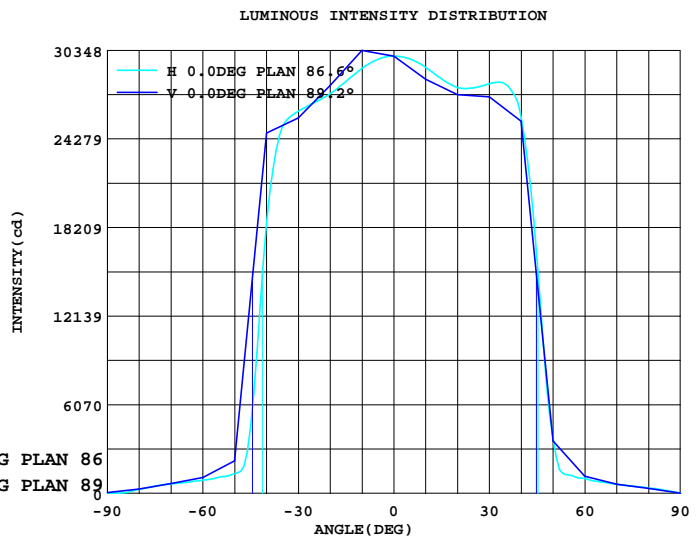
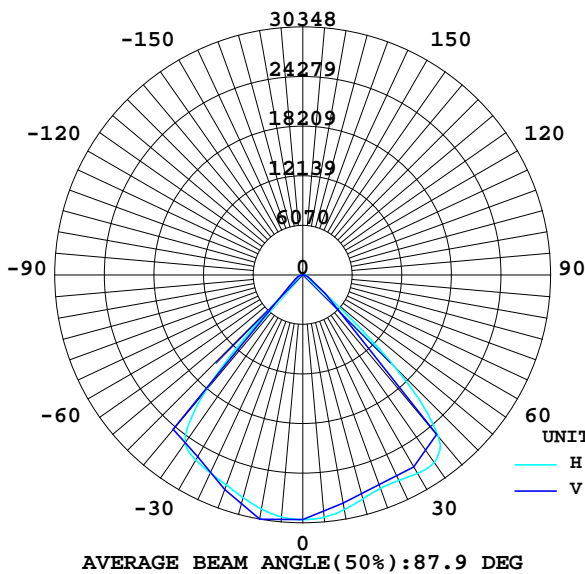


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

MODEL:					
NOMINAL POWER(W):	398	Imax(cd):	30364	Voltage(V)	218.8
RATED VOLTAGE(V):	218	AVAILABILITY(%):	94.5	Current(A)	1.847
NOMINAL FLUX(lm):	52471	Avai. FLUX(lm):	49570	Power(W)	395.2
TEST FLUX(lm):	52471	EFFICIENCY(%):	100.0	Power Factor(PF)	0.977
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	52471	EFFICIENCY(lm/W)	132.8
Effective Flux(lm) :	49570.2	θ @50%(H, V):	85.1,89.2DEG	EEL:	0.109



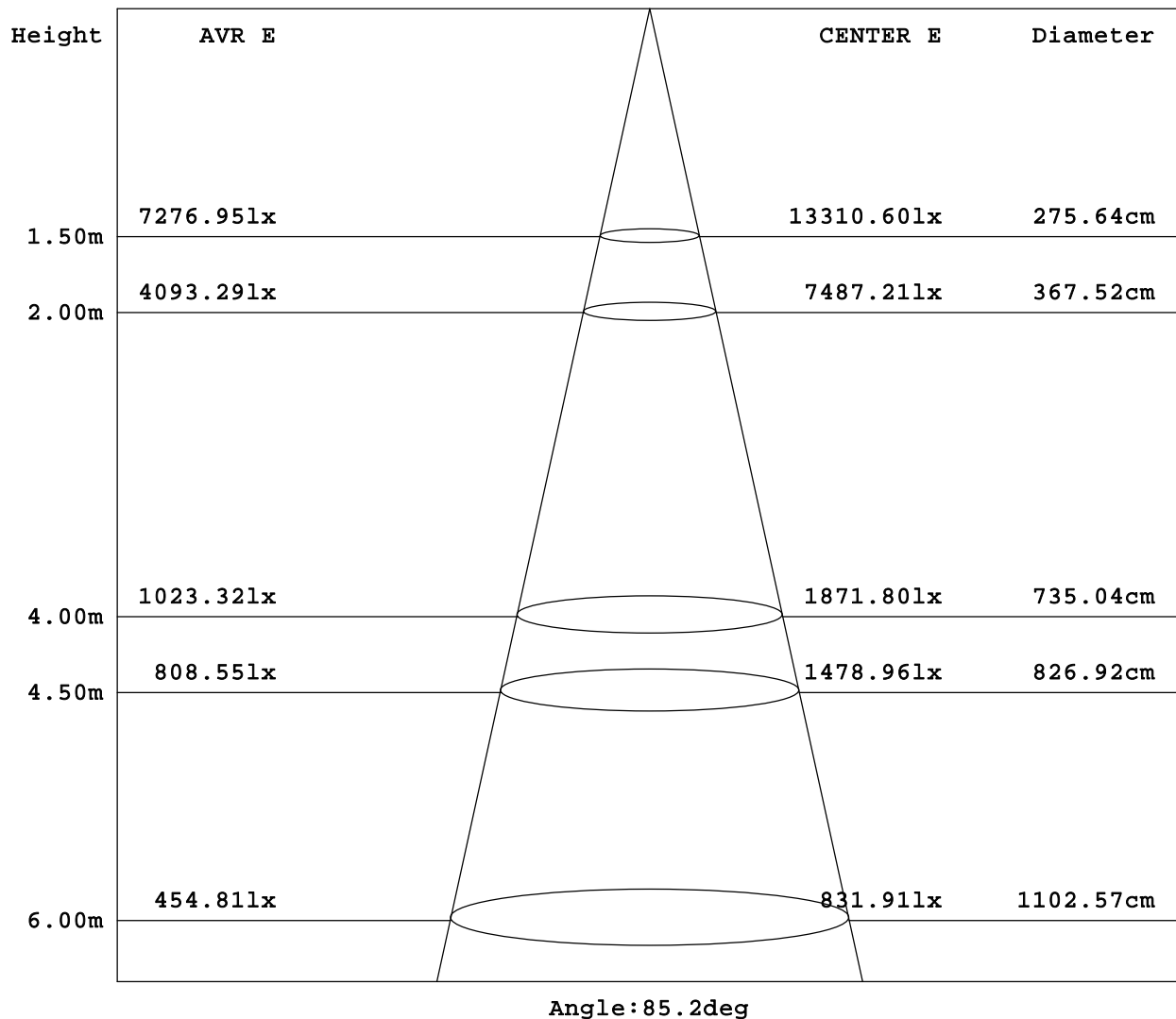
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月24日

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.:	

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a							
	0.01	0.02	0.04	0.09	0.20	0.32	0.48	0.56	0.59	0.65	0.62	0.56	0.43	0.27	0.14	0.05	0.02	0.01	5.06	0.00									
90																													
80	0.02	0.70	2.96	6.31	10.2	13.7	16.0	16.4	15.4	14.9	15.3	14.7	12.0	8.61	5.73	2.84	0.88	0.03	157	0.00									
70	0.10	1.81	6.04	11.6	15.9	19.4	23.5	24.9	24.1	24.4	24.8	22.7	18.2	14.0	9.19	4.93	1.56	0.09	248	0.00									
60	0.11	2.08	7.21	12.3	17.1	23.1	29.1	34.8	42.1	42.9	37.2	29.9	23.2	16.9	11.8	6.79	2.77	0.35	340	0.00									
50	0.33	3.64	8.85	14.1	20.6	31.8	41.1	73.2	131	132	74.0	44.0	31.9	19.9	12.9	7.16	2.74	0.31	650	301									
40	0.20	3.20	8.64	14.7	23.2	45.2	336	835	1070	1103	972	550	107	27.7	16.0	8.73	3.66	0.65	5126	4958									
30	0.54	4.42	9.86	17.5	39.9	486	944	928	867	849	865	888	468	40.1	17.1	8.54	3.36	0.41	6437	6318									
	0.24	3.73	9.48	17.5	73.3	584	762	801	825	831	798	773	797	267	21.9	10.2	4.08	0.79	6581	6482									
	0.63	4.67	10.5	21.0	272	697	753	819	871	868	814	764	663	204	19.8	9.16	3.57	0.46	6793	6705									
	0.24	3.83	9.75	19.0	122	592	732	837	921	923	848	770	710	407	28.0	10.7	4.18	0.80	6941	6857									
	0.57	4.65	10.7	21.0	235	630	726	838	920	910	840	773	620	141	17.2	8.94	3.55	0.42	6700	6620									
-30	0.08	3.53	9.39	17.1	15.6	432	679	733	793	819	797	732	602	174	19.6	9.87	4.03	0.70	5840	5752									
-40	0.41	4.18	9.91	17.5	22.0	249	667	732	744	750	739	654	202	6.55	14.7	8.12	3.15	0.27	4823	4728									
-50	0.07	2.54	8.36	14.2	19.7	2.89	81.6	505	710	725	595	210	9.63	20.8	14.2	8.33	3.37	0.50	2930	2816									
-60	0.21	2.91	8.19	13.7	19.0	26.5	5.23	1.96	2.95	2.86	1.70	1.96	14.3	16.2	11.6	6.18	2.13	0.14	138	0.00									
-70	0.04	1.12	5.34	10.8	15.1	18.1	23.2	22.3	16.8	16.9	21.5	23.5	19.2	14.8	9.81	5.40	2.01	0.22	227	0.00									
-80	0.04	1.00	3.45	7.52	11.3	14.0	16.1	16.4	14.1	13.5	14.9	14.7	11.5	8.51	5.22	2.50	0.61	0.02	156	0.00									
-90	0.01	0.06	0.47	1.14	2.18	3.27	3.83	3.89	3.74	3.43	3.31	2.95	2.36	1.65	1.02	0.43	0.08	0.00	33.8	0.00									
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)													20	30	40	50	60	70	80	90
Φ t	3.86	48.1	129	238	935	3868	5839	7224	7973	8030	7461	6269	4313	1389	236	119	45.8	6.16	52471										
Φ a	0.00	0.00	0.00	0.00	670	3670	5673	7050	7851	7908	7288	6108	4147	1164	6.50	0.00	0.00	0.00		49570									

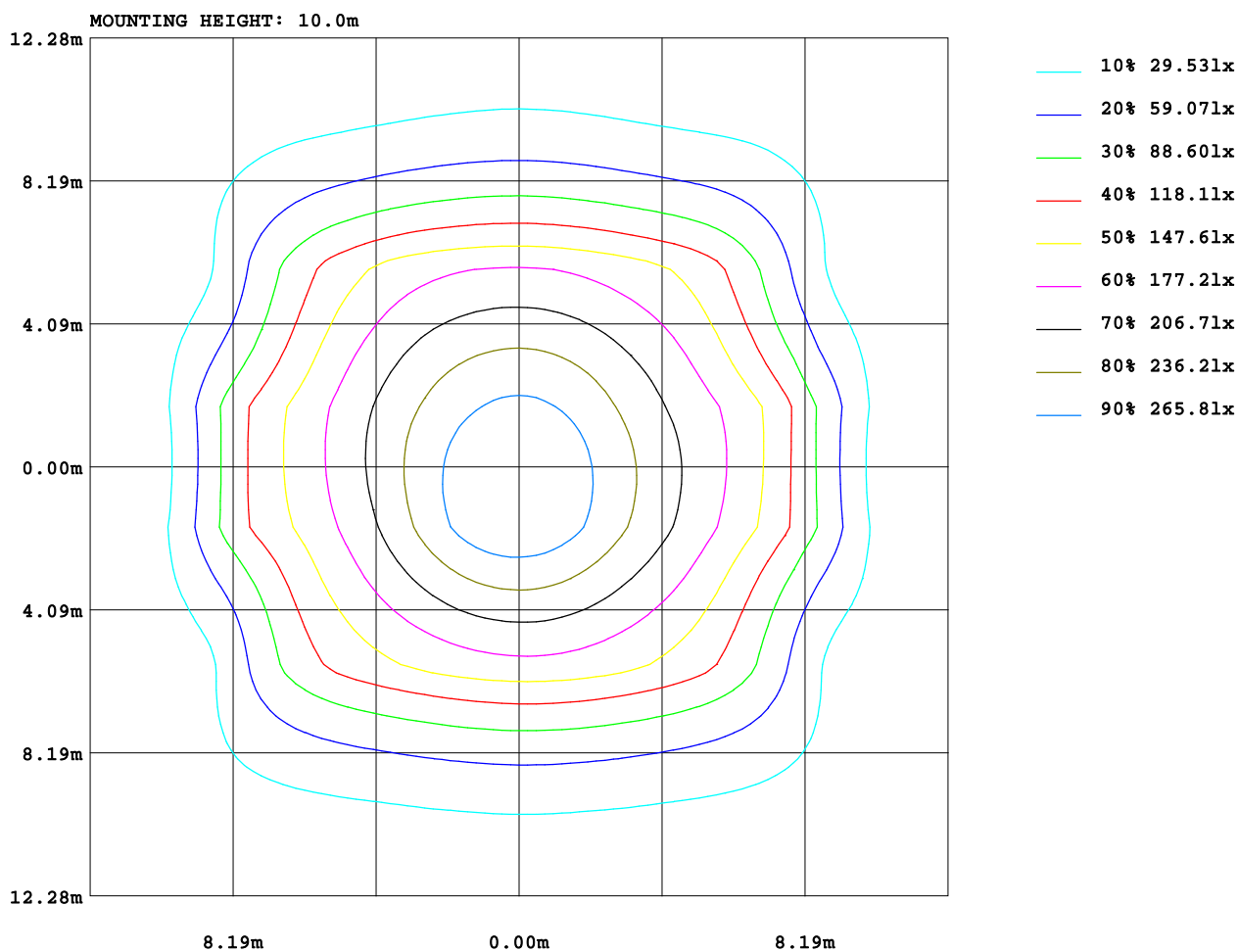
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月24日

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.:



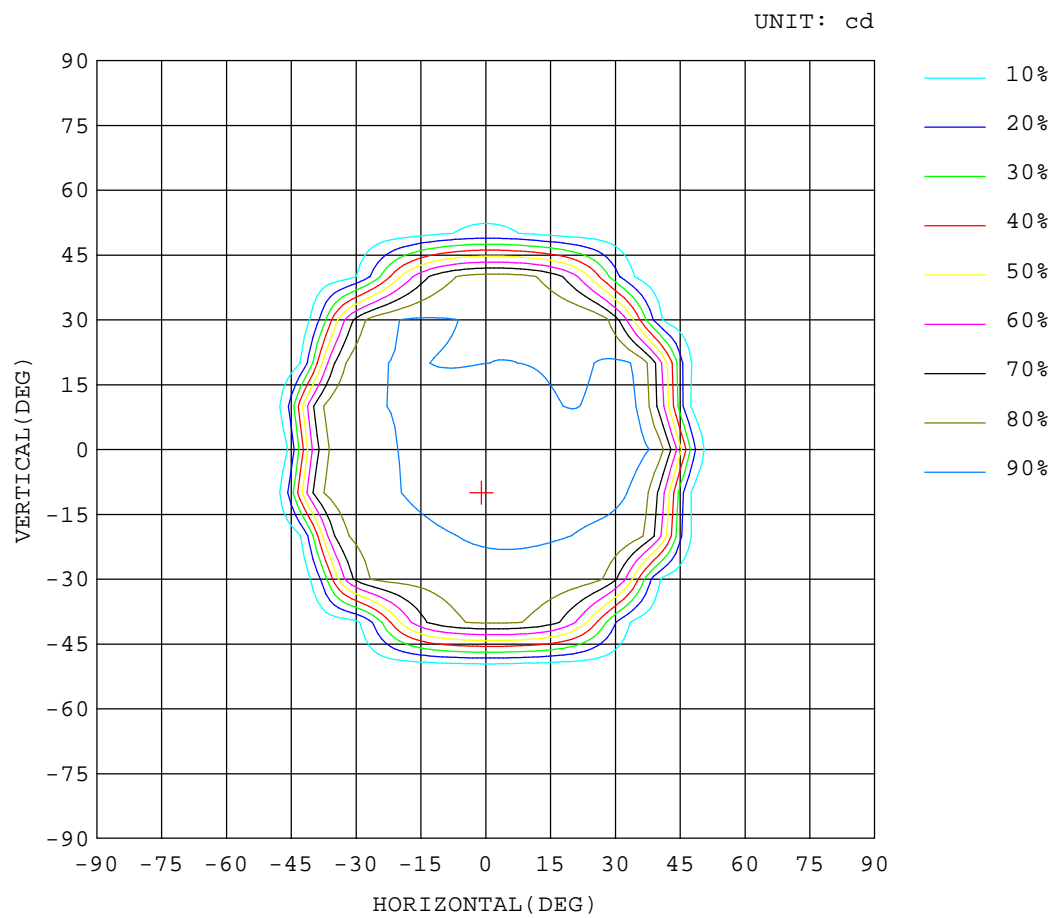
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月24日

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.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	2969	2995	3016	3002	2981	2932	2916	2929	0- 5	711.9	711.9
10.0	2904	2974	3037	2980	2926	2855	2837	2855	5- 10	2105	2817
15.0	2823	2921	2918	2906	2840	2784	2785	2788	10- 15	3417	6233
20.0	2774	2823	2799	2752	2752	2753	2733	2742	15- 20	4617	10850
25.0	2781	2756	2683	2618	2686	2745	2725	2716	20- 25	5741	16591
30.0	2812	2694	2567	2546	2630	2735	2717	2718	25- 30	6825	23415
35.0	2789	2619	2519	2504	2550	2657	2635	2720	30- 35	7818	31234
40.0	2460	2375	2472	2250	2094	2300	2554	2501	35- 40	8298	39531
45.0	1322	1346	1347	1148	662.5	1185	1456	1439	40- 45	6772	46303
50.0	207.5	267.9	222.3	170.9	138.2	197.6	358.0	344.5	45- 50	3083	49386
55.0	126.5	142.2	164.9	129.3	117.2	129.1	237.5	152.9	50- 55	903.8	50290
60.0	94.44	105.3	107.5	104.1	92.65	102.9	117.1	108.4	55- 60	554.0	50844
65.0	74.70	87.43	86.76	90.37	78.21	84.32	90.31	84.03	60- 65	456.1	51300
70.0	58.84	72.45	66.02	77.50	67.20	72.37	63.50	67.62	65- 70	392.9	51693
75.0	48.01	56.44	47.46	63.68	54.77	61.63	48.60	56.01	70- 75	329.2	52022
80.0	34.34	34.37	28.89	41.22	31.91	43.89	33.71	37.81	75- 80	248.3	52271
85.0	17.15	15.54	17.41	19.97	5.269	23.36	17.92	19.22	80- 85	148.0	52419
90.0	0.496	2.160	5.942	2.160	1.003	0.915	2.127	1.356	85- 90	51.99	52471
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	

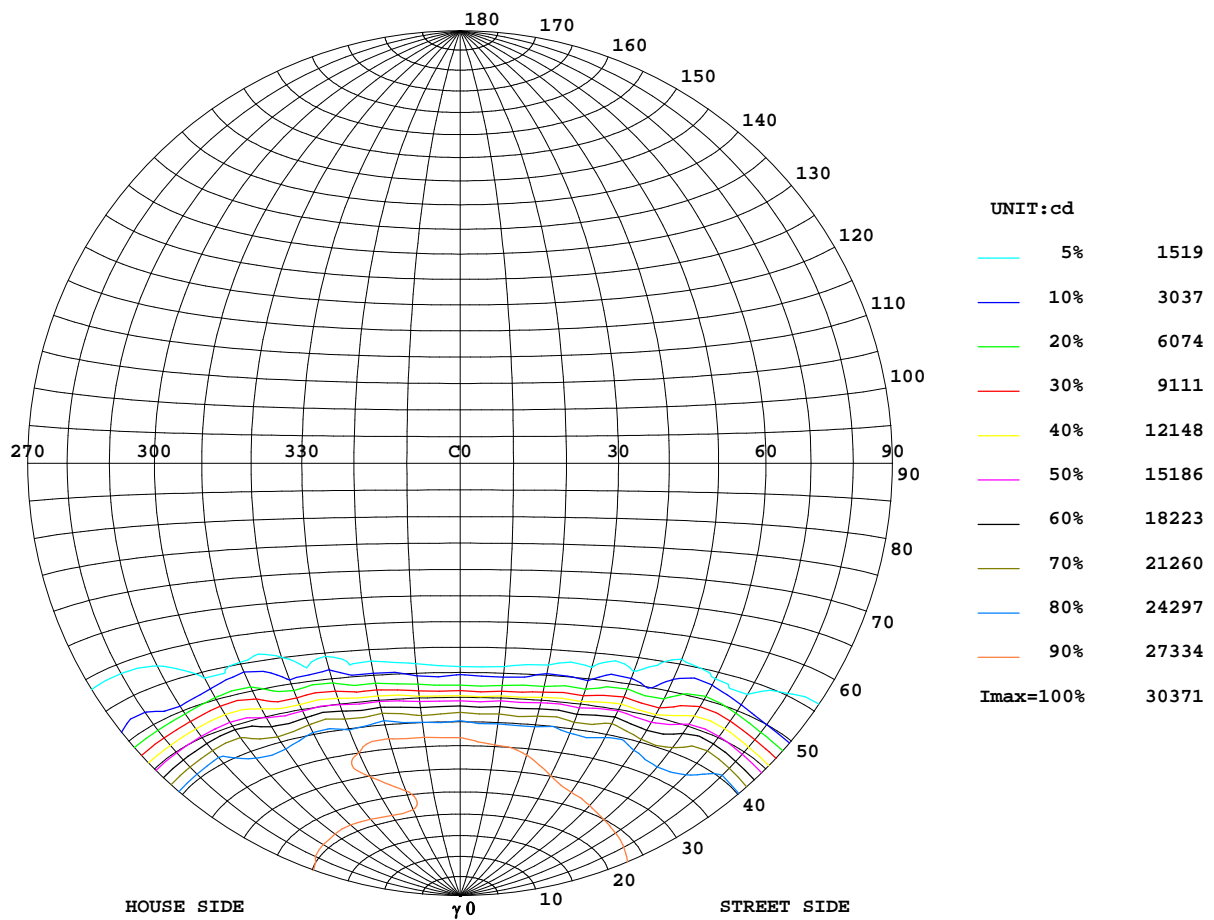
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月24日

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

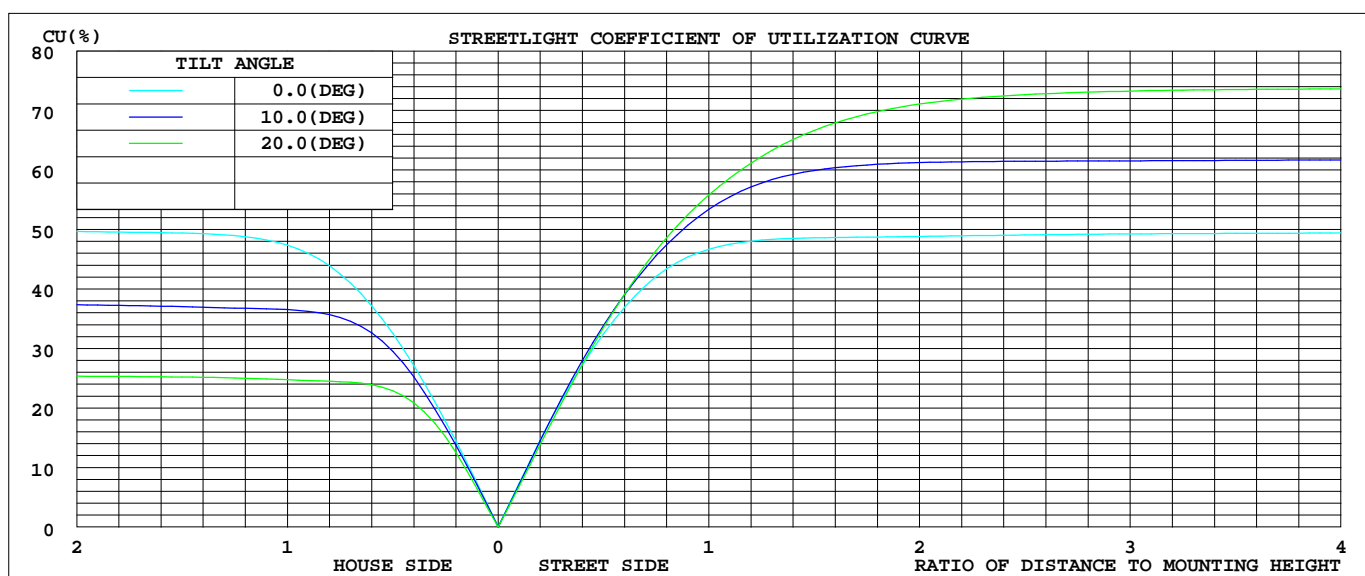
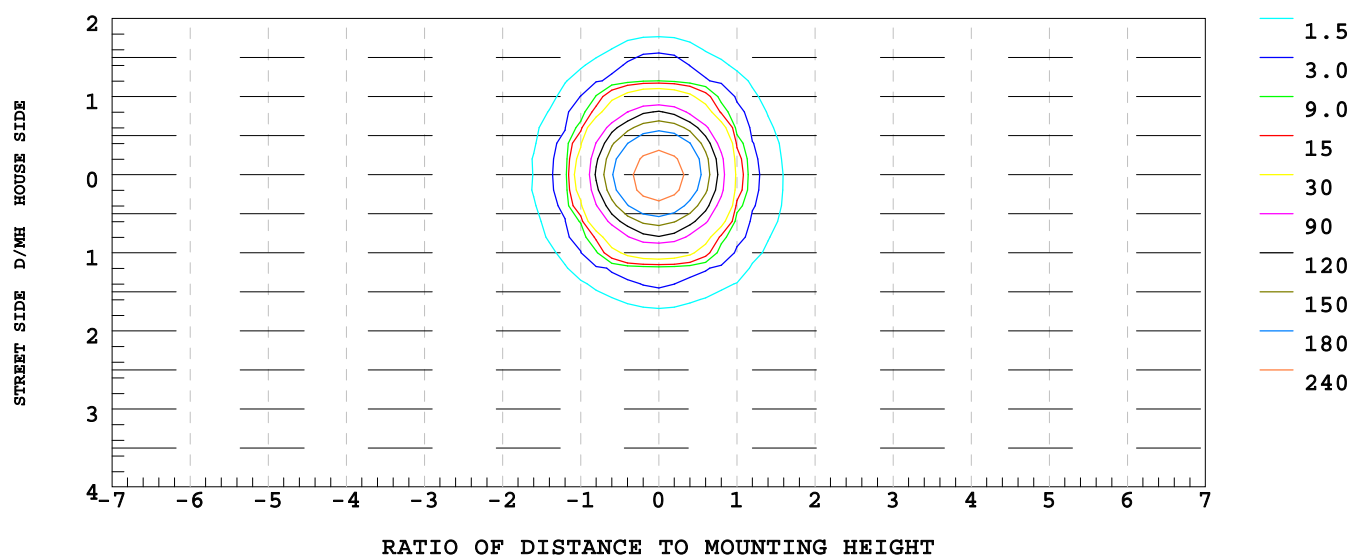
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 299.49 lx



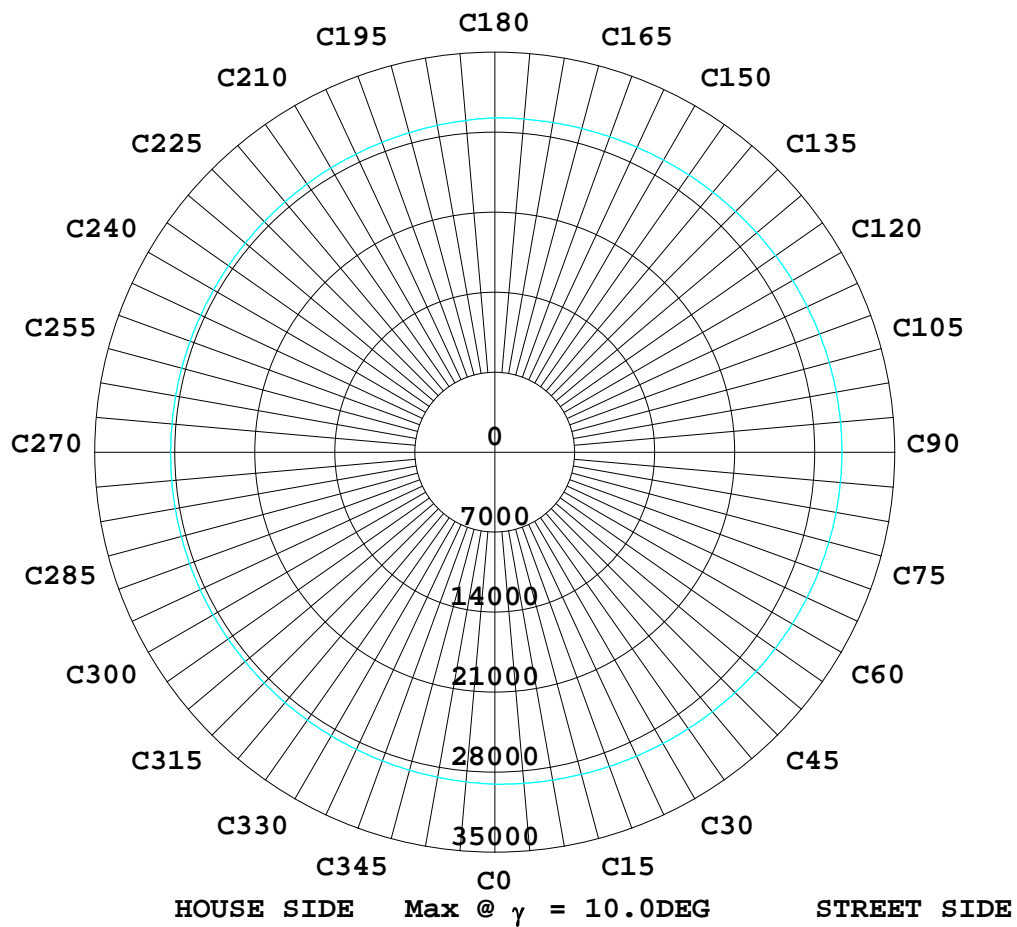
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月24日

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