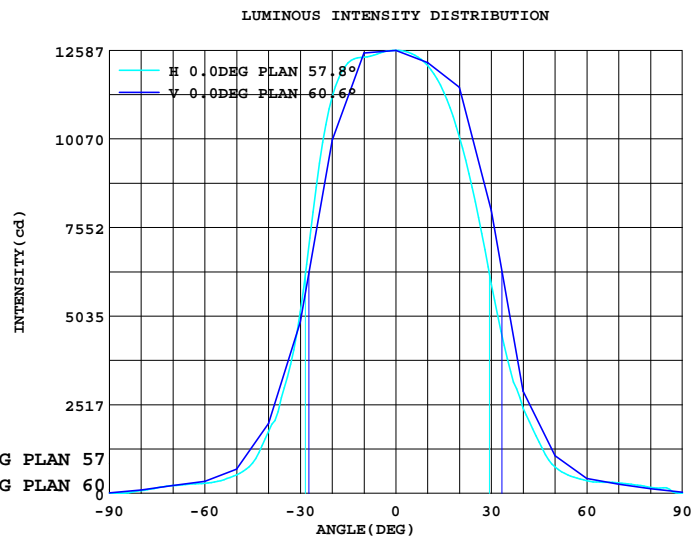
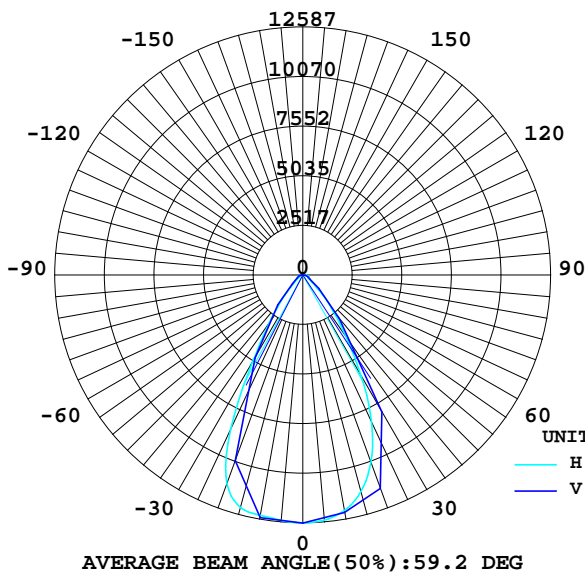


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-T-115A-100w-60度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:	3030				
NOMINAL POWER(W):	100	Imax(cd):	12587	Voltage(V)	219.8
RATED VOLTAGE(V):	220	AVAILABILITY(%):	89.6	Current(A)	0.453
NOMINAL FLUX(lm):	12866	Avai. FLUX(lm):	11533	Power(W)	97.98
TEST FLUX(lm):	12866	EFFICIENCY(%):	100.0	Power Factor(PF)	0.984
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	12866	EFFICIENCY(lm/W)	131.3
Effective Flux(lm) :	11532.6	θ @50%(H, V):	57.8,60.6DEG	EEl:	0.116



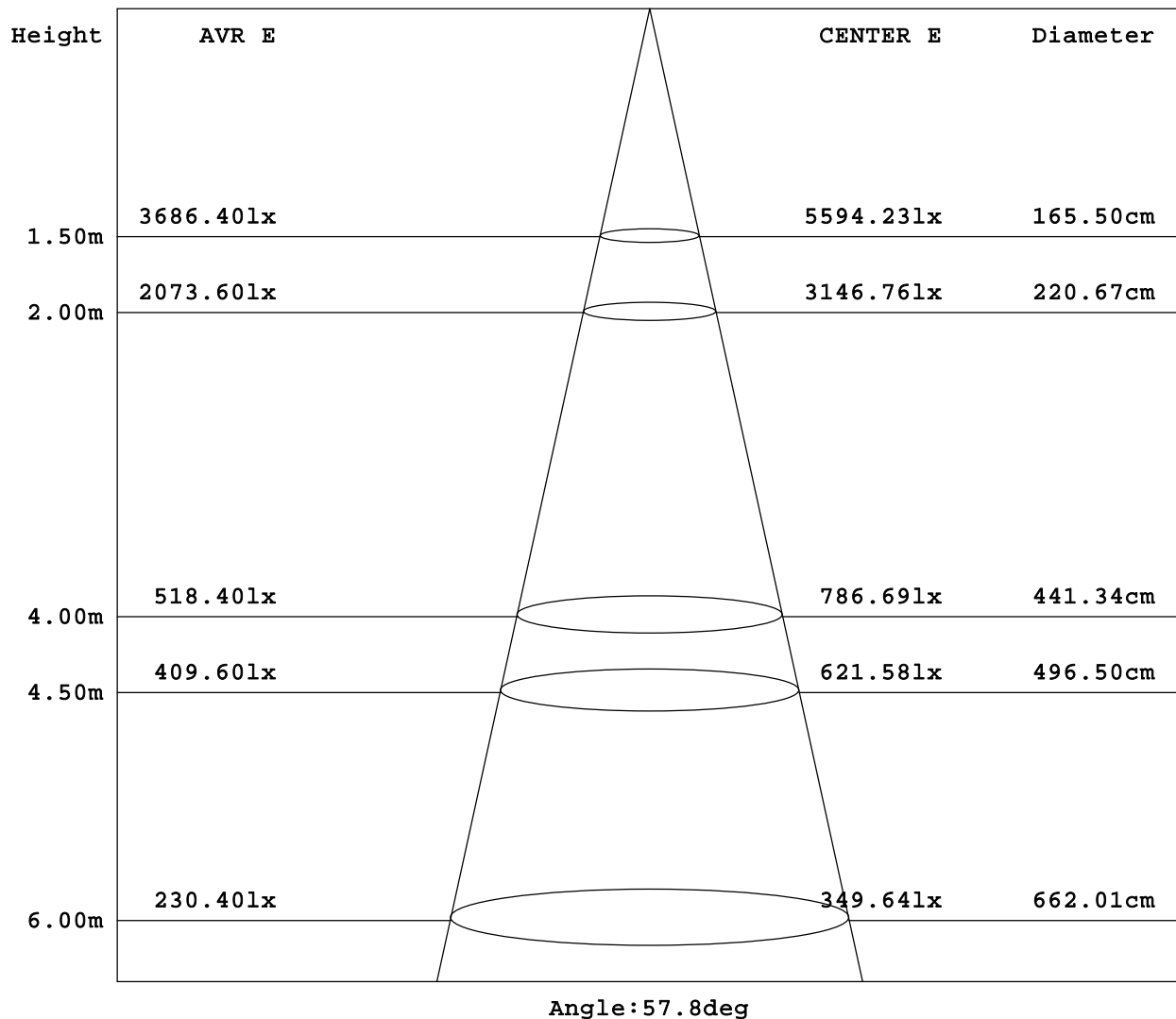
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年08月02日

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: LITIAN	Address:	
NAME: LT-T-115A-100w-60度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017年08月02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: LITIAN	Address:		
NAME: LT-T-115A-100w-60度	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a			
	0.62	1.39	2.30	3.03	3.74	4.28	4.57	4.50	4.79	5.30	4.76	4.68	4.46	3.95	3.37	2.77	2.03	1.22	61.8	0.00					
64	0.89	1.91	2.83	3.52	4.20	4.91	5.50	5.95	6.82	8.10	6.79	6.03	5.32	4.59	3.90	3.19	2.34	1.42	78.3	0.00					
56	1.14	2.19	2.94	3.76	4.95	6.50	8.26	10.1	12.1	13.9	11.5	9.36	7.30	5.63	4.42	3.52	2.65	1.67	112	0.00					
48	1.42	2.22	3.00	4.14	7.90	12.3	16.4	21.9	27.2	27.7	24.0	18.5	13.5	8.95	5.03	3.65	2.78	1.76	203	66.3					
40	1.45	2.31	3.20	5.88	11.6	22.6	38.7	54.8	67.3	69.9	60.7	45.7	29.8	16.4	7.94	4.00	2.76	1.88	447	384					
32	1.54	2.39	3.87	8.35	21.2	43.7	82.5	131	159	156	128	84.2	48.2	26.0	10.9	4.72	2.87	1.94	917	871					
24	1.61	2.46	4.51	10.8	30.9	69.6	143	211	237	230	196	139	78.6	39.3	16.2	5.89	3.01	1.99	1421	1382					
VERTICAL (DEG)	1.69	2.57	5.08	13.6	39.6	100	206	262	268	259	238	191	113	52.3	22.0	7.13	3.16	2.04	1786	1751					
	1.78	2.82	6.04	18.6	52.9	141	234	251	249	244	226	184	115	51.7	20.6	7.06	3.21	2.07	1812	1778					
	1.70	2.91	5.58	14.8	42.7	113	204	235	245	246	231	190	125	60.1	24.9	8.15	3.79	2.32	1755	1719					
	1.62	2.57	5.11	15.1	42.2	101	187	229	244	240	213	162	97.0	46.3	19.3	6.87	3.30	2.15	1618	1583					
	1.56	2.38	4.34	12.2	32.6	69.6	134	190	214	206	173	120	66.4	33.0	14.1	5.68	2.93	2.00	1285	1246					
	1.51	2.42	3.50	6.51	15.4	27.0	56.0	112	140	136	109	72.9	42.8	24.5	11.1	5.03	2.91	1.95	771	715					
	1.42	2.24	3.19	5.64	10.7	18.0	20.6	23.9	32.2	33.2	26.0	19.1	14.3	9.07	5.17	3.62	2.79	1.89	233	141					
	1.32	2.20	2.86	3.61	5.54	6.90	9.47	12.4	15.4	16.6	14.9	12.6	9.80	7.64	5.05	3.29	2.74	1.76	134	31.1					
	1.16	2.04	2.72	2.99	3.16	3.45	3.80	3.75	4.16	4.25	4.10	4.39	4.41	4.08	3.57	3.28	2.57	1.55	59.5	0.00					
	0.87	1.79	2.52	2.87	2.62	2.27	1.82	1.70	2.05	2.14	1.85	1.99	2.58	2.82	3.11	3.13	2.29	1.32	39.8	0.00					
0.47	1.37	2.10	2.73	2.93	2.54	1.81	1.33	1.72	1.71	1.51	1.87	2.63	3.27	3.33	2.58	1.85	1.05	36.8	0.00						
-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)										16	24	32	40	48	56	64	72
Φ t	23.8	40.2	65.7	138	335	750	1357	1763	1929	1900	1671	1268	781	400	184	83.6	50.0	32.0	12866						
Φ a	0.00	0.00	0.00	34.6	255	683	1299	1708	1882	1851	1616	1205	720	330	82.5	0.00	0.00	0.00		11533					

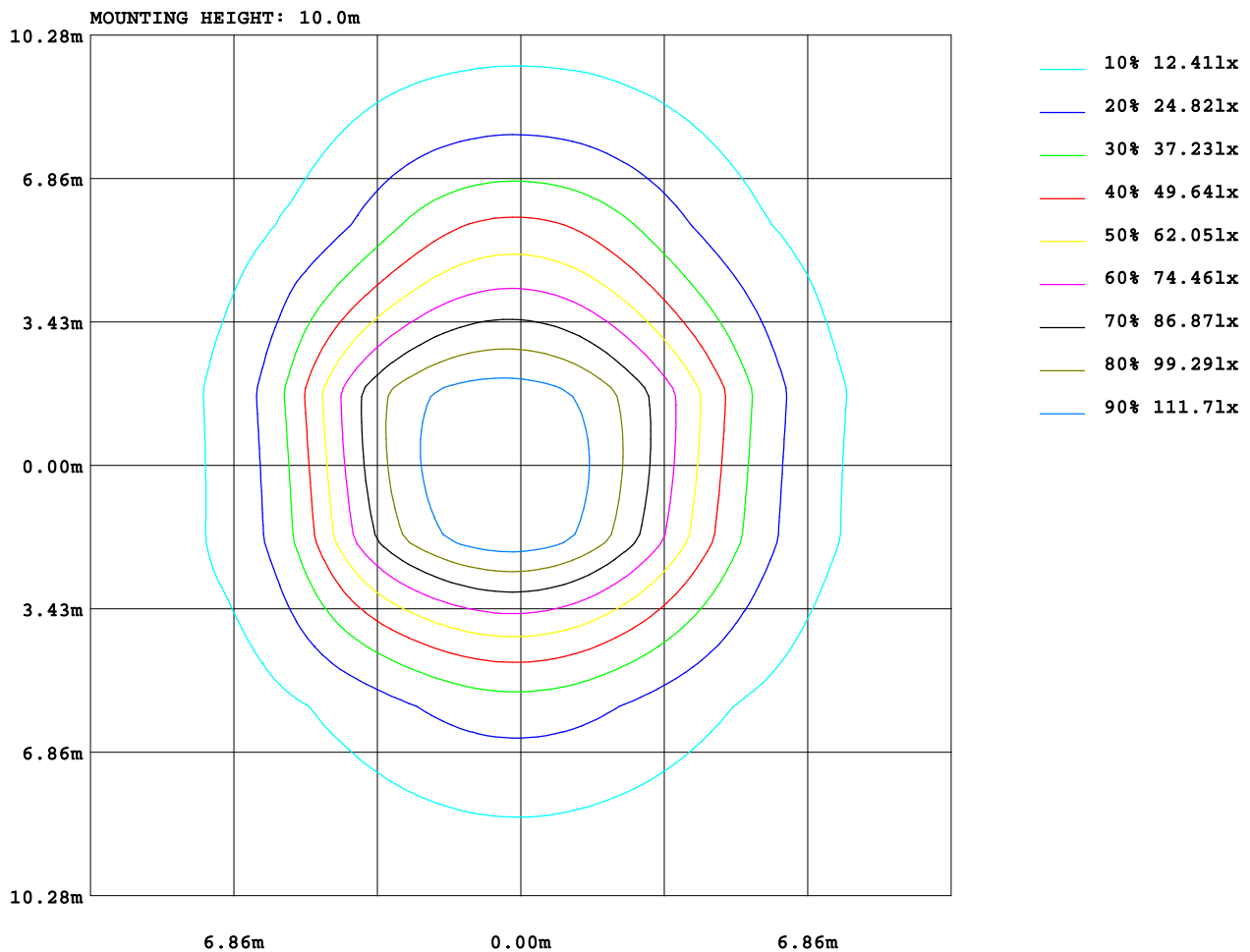
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年08月02日

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-T-115A-100w-60度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



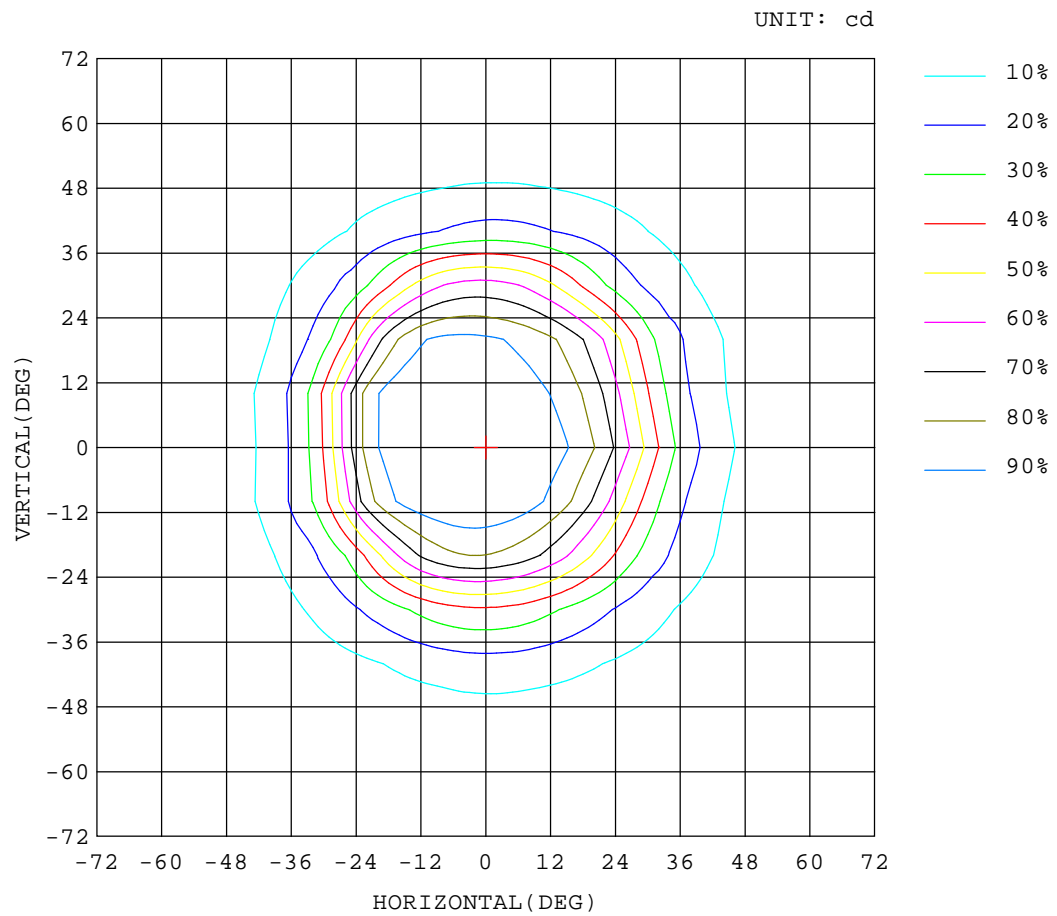
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年08月02日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-T-115A-100w-60度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年08月02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: LITIAN	Address:	
NAME: LT-T-115A-100w-60度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1247	1246	1256	1255	1253	1250	1242	1238	0- 5	299.4	299.4
10.0	1210	1211	1253	1243	1239	1246	1226	1205	5- 10	885.5	1185
15.0	1130	1125	1127	1196	1227	1239	1188	1148	10- 15	1423	2608
20.0	998.0	939.9	1002	1030	1144	1166	1151	1047	15- 20	1837	4445
25.0	805.0	731.0	744.0	797.2	903.4	1019	977.3	910.0	20- 25	2020	6465
30.0	569.3	516.3	486.4	527.2	544.4	736.3	803.7	698.4	25- 30	1843	8308
35.0	364.3	336.1	342.6	321.5	315.2	434.8	547.3	460.5	30- 35	1431	9739
40.0	231.3	205.3	198.7	186.7	185.9	239.1	290.8	277.1	35- 40	1011	10750
45.0	137.4	129.3	133.4	115.0	92.09	146.2	198.7	177.8	40- 45	670.0	11420
50.0	70.94	75.88	68.04	66.34	54.71	81.11	106.5	102.5	45- 50	431.5	11852
55.0	47.14	52.00	51.21	43.87	37.60	53.80	74.96	66.61	50- 55	272.0	12124
60.0	34.73	33.74	34.38	28.06	29.20	34.62	43.39	42.27	55- 60	189.4	12313
65.0	31.77	28.96	28.62	24.48	25.99	26.72	34.35	31.39	60- 65	143.4	12457
70.0	28.91	25.46	22.85	21.44	22.30	22.87	25.31	25.73	65- 70	128.3	12585
75.0	24.05	20.64	16.05	17.42	16.71	19.74	19.30	21.92	70- 75	113.2	12698
80.0	16.63	14.71	9.249	11.27	8.345	14.47	13.29	16.71	75- 80	88.22	12787
85.0	15.41	8.048	5.247	5.328	0.849	7.862	7.998	9.841	80- 85	57.45	12844
90.0	0.243	0.595	1.245	0.143	0.540	0.088	2.701	0.860	85- 90	22.03	12866
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	

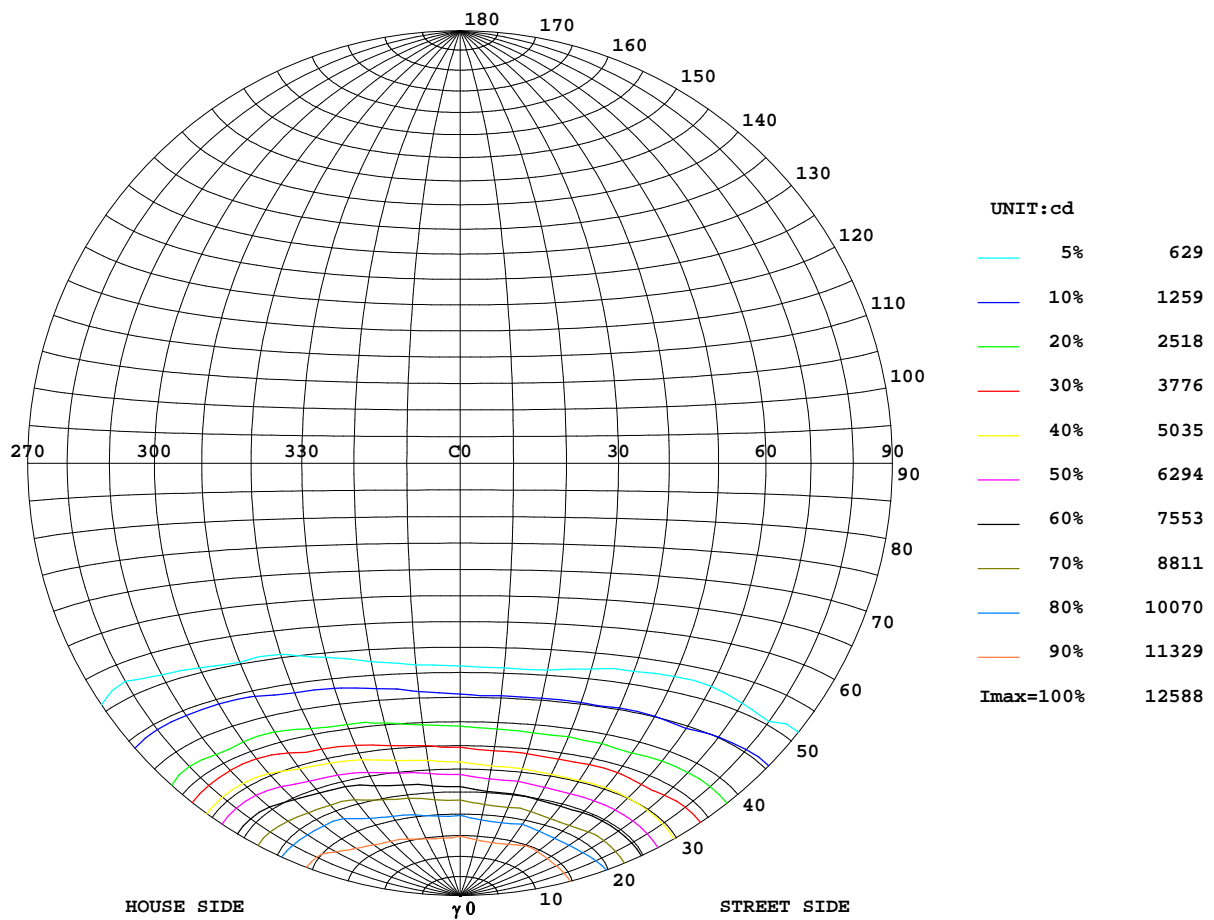
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年08月02日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-T-115A-100w-60度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年08月02日

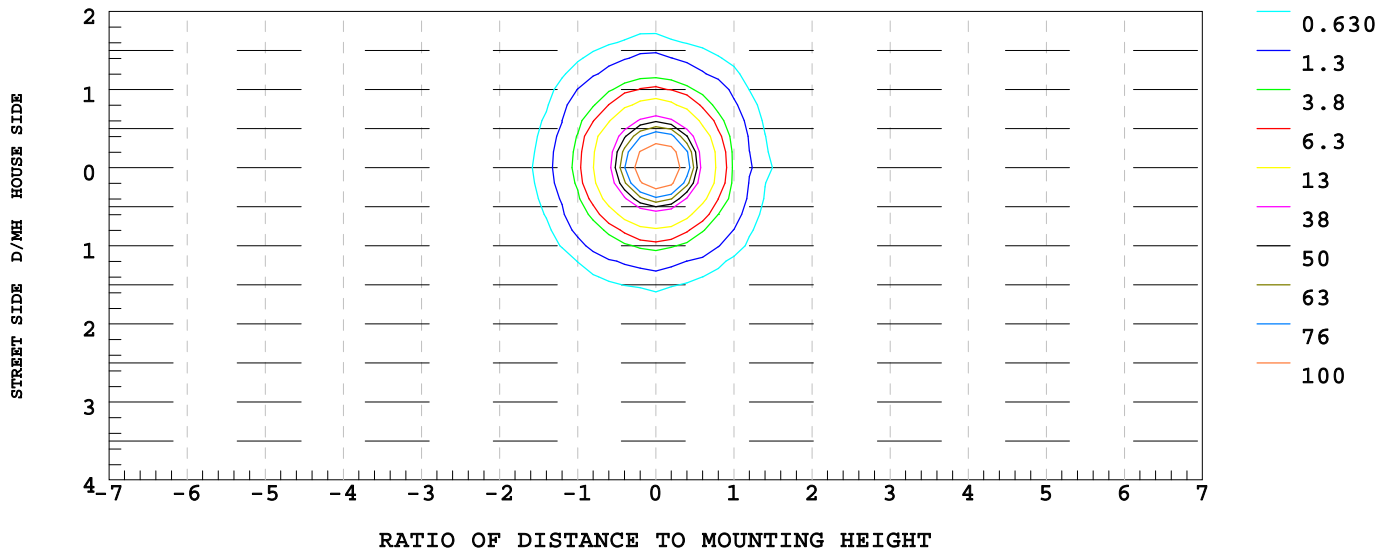
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-T-115A-100w-60度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 125.87 lx



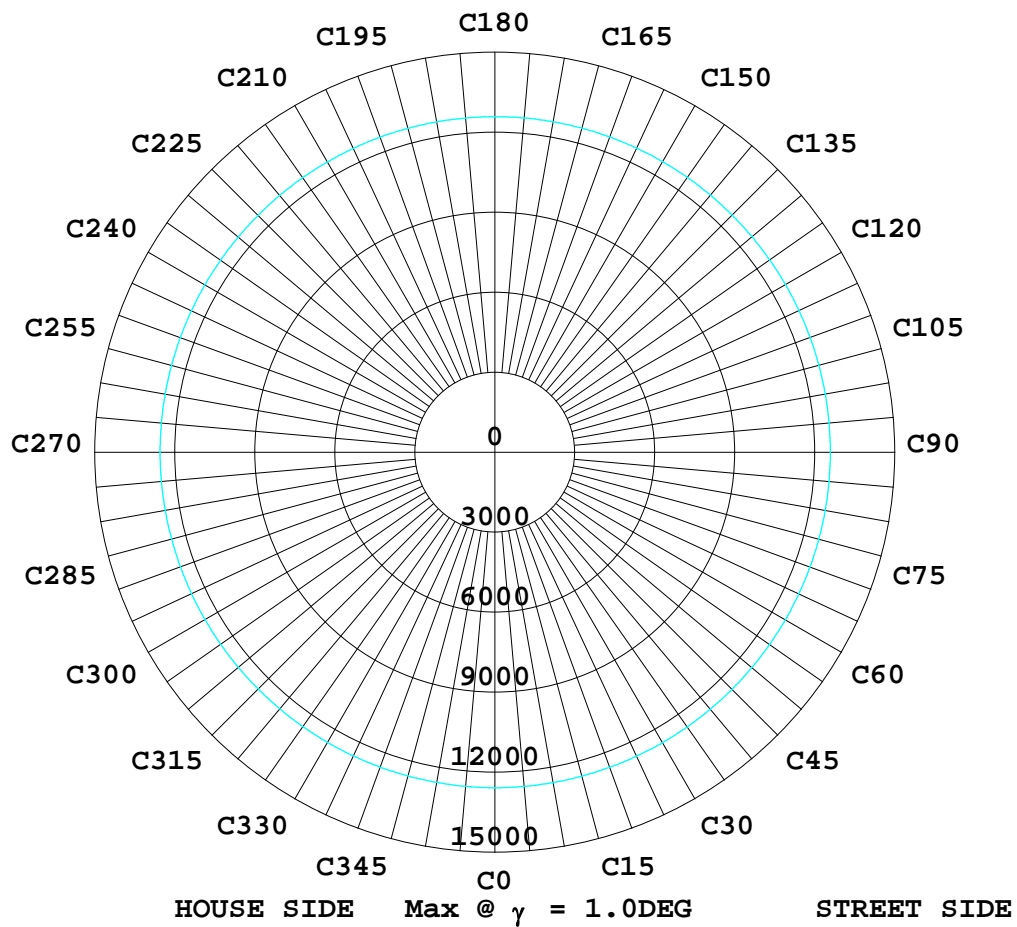
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年08月02日

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

MANUFACTURER: LITIAN	Address:	
NAME: LT-T-115A-100w-60度	TYPE:	WEIGHT:
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