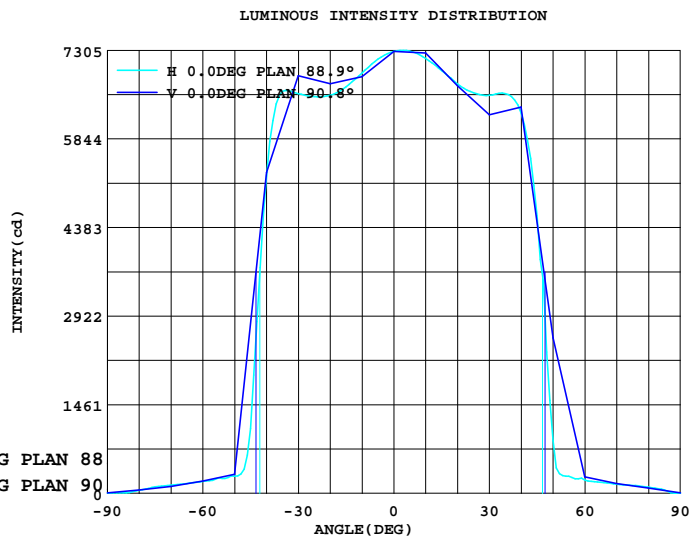
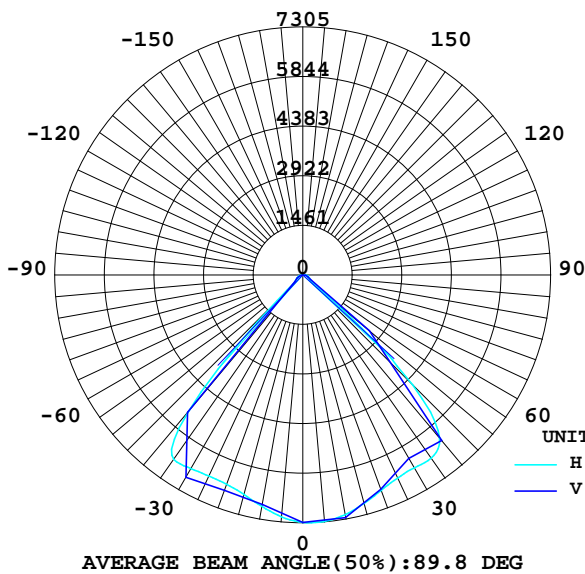


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: litian	Address:	
NAME: LT-T-115A-100w-90度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:	3030				
NOMINAL POWER(W):	98	Imax(cd):	7305	Voltage(V)	219.6
RATED VOLTAGE(V):	220	AVAILABILITY(%):	95.3	Current(A)	0.451
NOMINAL FLUX(lm):	13037	Avai. FLUX(lm):	12430	Power(W)	97.59
TEST FLUX(lm):	13037	EFFICIENCY(%):	100.0	Power Factor(PF)	0.984
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	13037	EFFICIENCY(lm/W)	133.6
Effective Flux(lm) :	12430.3	θ @50%(H, V):	88.9,90.9DEG	EEL:	0.107



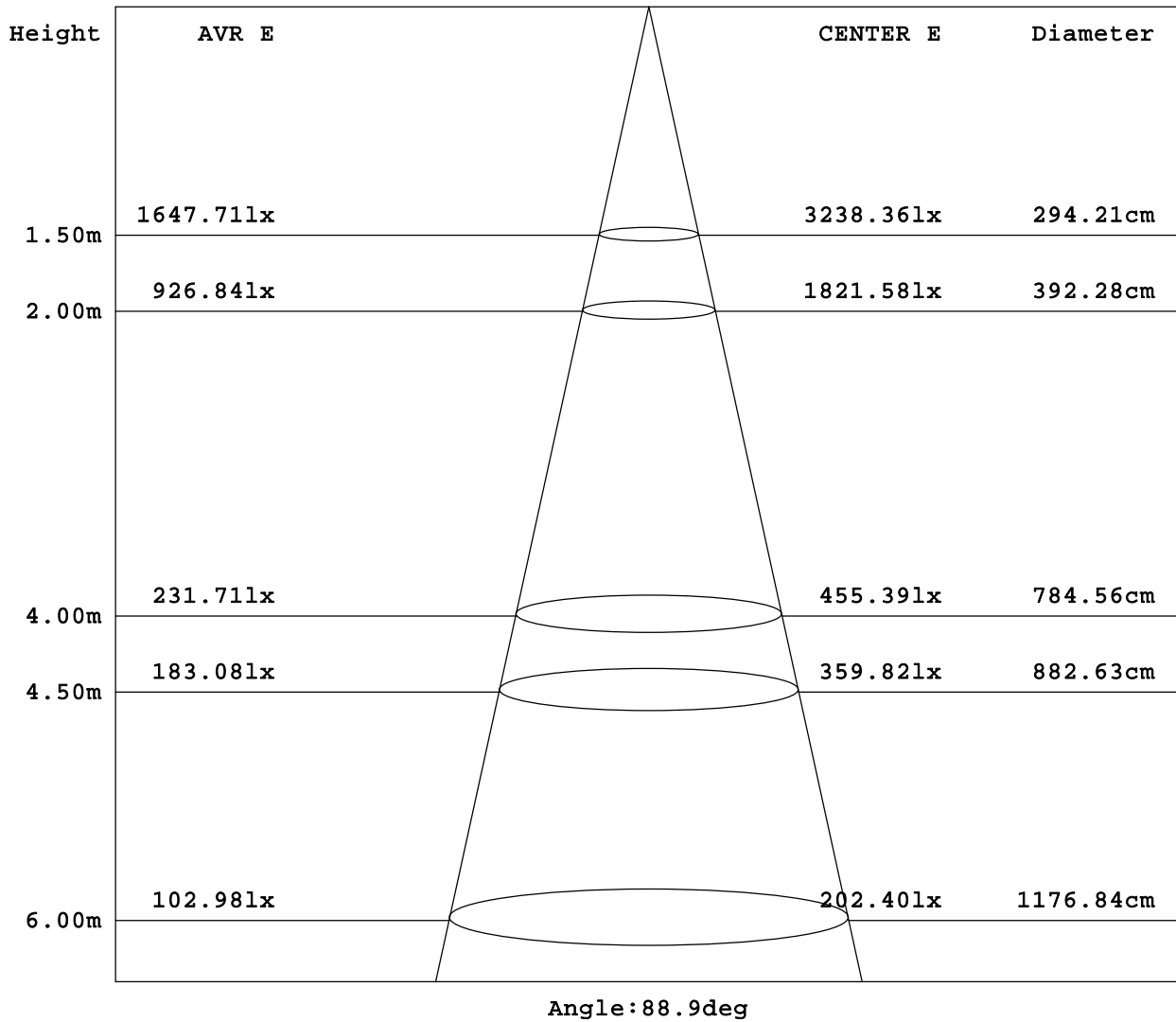
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年08月02日

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-90度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOPOO 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-90度	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.00	0.00	0.00	0.01	0.01	0.03	0.12	0.23	0.27	0.27	0.31	0.31	0.23	0.09	0.01	0.00	0.00	0.00	1.89	0.00	
90	0.00	0.03	0.34	1.24	2.41	3.46	4.06	4.22	3.91	3.79	3.91	3.85	3.43	2.76	2.02	1.13	0.33	0.01	40.9	0.00	
80	0.00	0.19	1.07	2.36	3.24	4.09	5.13	5.76	5.93	5.94	5.71	5.25	4.37	3.42	2.52	1.56	0.68	0.08	57.3	0.00	
70	0.01	0.43	1.58	2.66	3.82	5.12	6.78	8.58	10.1	10.0	9.65	7.05	5.51	4.03	2.82	1.76	0.78	0.11	81.0	0.00	
60	0.01	0.54	1.67	2.87	4.28	6.77	8.98	28.4	90.2	109	57.3	12.6	7.68	5.18	3.35	2.02	0.95	0.16	342	280	
50	0.04	0.74	1.92	3.39	5.68	17.7	172	270	259	252	262	226	64.9	6.16	3.56	2.07	0.95	0.15	1549	1514	
40	0.03	0.71	1.86	3.66	6.32	139	206	183	187	187	182	187	185	33.3	4.49	2.37	1.08	0.20	1510	1484	
30	0.06	0.85	2.13	4.16	25.8	173	176	190	208	210	195	176	168	87.1	4.66	2.27	1.00	0.17	1625	1603	
-30	0.04	0.76	1.96	4.02	46.1	163	179	200	223	227	207	182	164	94.5	5.48	2.54	1.12	0.21	1701	1682	
	0.06	0.87	2.19	4.32	42.9	162	182	198	217	221	206	184	164	95.6	5.16	2.28	1.00	0.17	1688	1668	
	0.03	0.73	1.93	3.73	22.8	152	185	195	201	202	196	184	162	67.5	4.75	2.43	1.11	0.20	1583	1563	
	0.05	0.79	2.05	3.73	3.72	105	187	200	204	203	198	187	143	28.5	3.67	2.08	0.96	0.15	1470	1451	
-40	0.02	0.60	1.72	2.96	3.82	16.9	141	198	210	210	200	162	60.8	2.27	3.51	2.15	1.01	0.16	1218	1198	
-50	0.02	0.56	1.73	2.91	4.33	2.16	3.12	57.6	124	133	92.9	21.1	0.60	3.44	2.82	1.80	0.81	0.10	454	428	
-60	0.00	0.28	1.35	2.32	3.12	4.33	2.61	0.36	0.22	0.22	0.28	0.60	4.38	3.67	2.76	1.75	0.75	0.09	29.1	0.00	
-70	0.01	0.16	0.98	2.02	2.77	3.42	3.95	4.13	4.28	4.28	4.23	4.28	3.54	2.95	2.21	1.33	0.49	0.04	45.1	0.00	
-80	0.00	0.01	0.20	1.03	1.88	2.31	2.78	2.68	2.14	2.19	2.89	3.02	2.61	2.28	1.61	0.85	0.30	0.01	28.8	0.00	
-90	0.00	0.00	0.01	0.06	0.22	0.60	0.87	0.90	0.88	0.89	0.95	1.02	0.86	0.57	0.36	0.14	0.01	0.00	8.36	0.00	
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																					
Φ t	0.39	8.23	24.7	47.5	184	959	1466	1747	1950	1983	1825	1547	1144	444	55.8	30.6	13.3	2.01	13037		
Φ a	0.00	0.00	0.00	0.00	124	918	1429	1713	1923	1955	1797	1509	1107	398	0.00	0.00	0.00	0.00		12430	

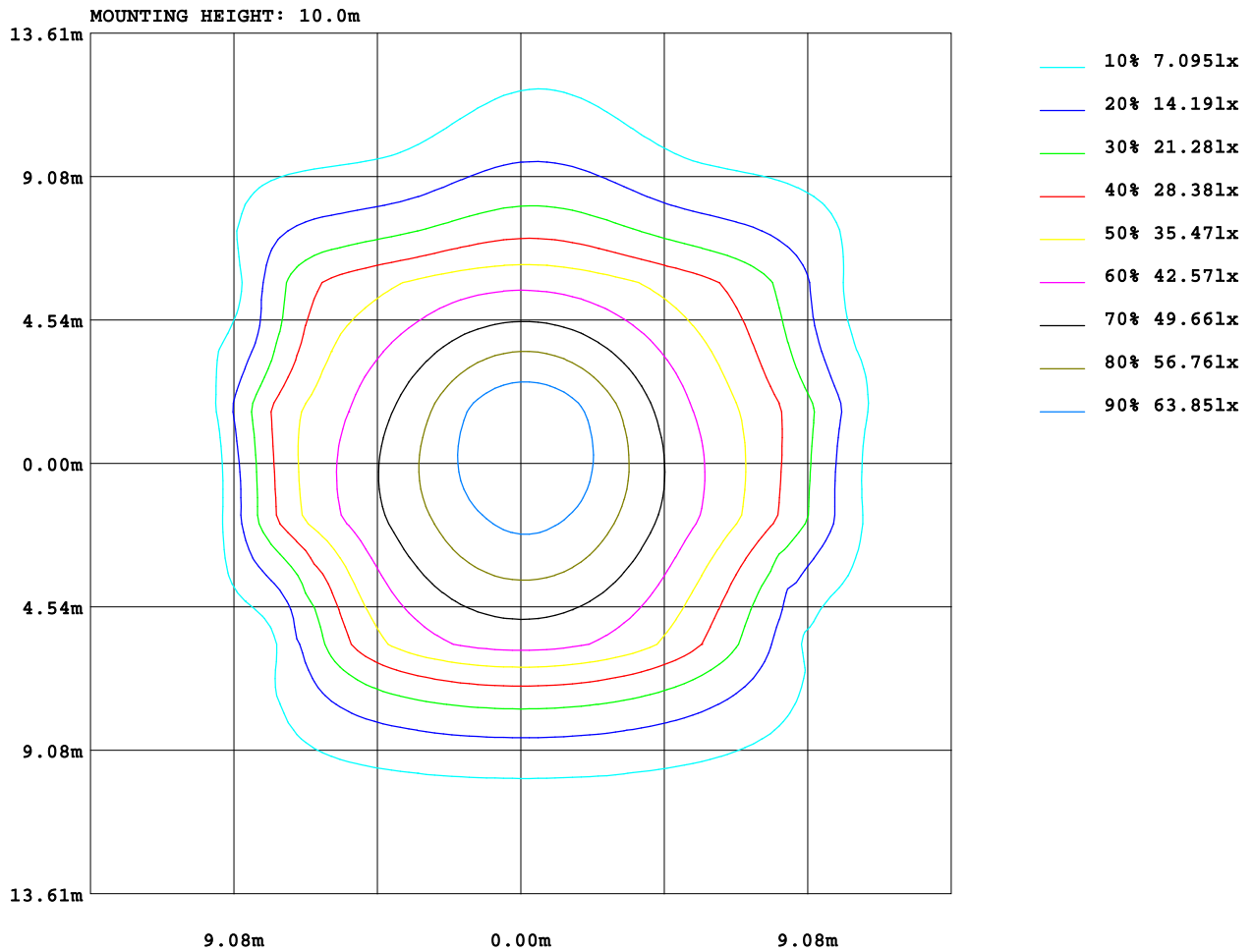
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年08月02日

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-90度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



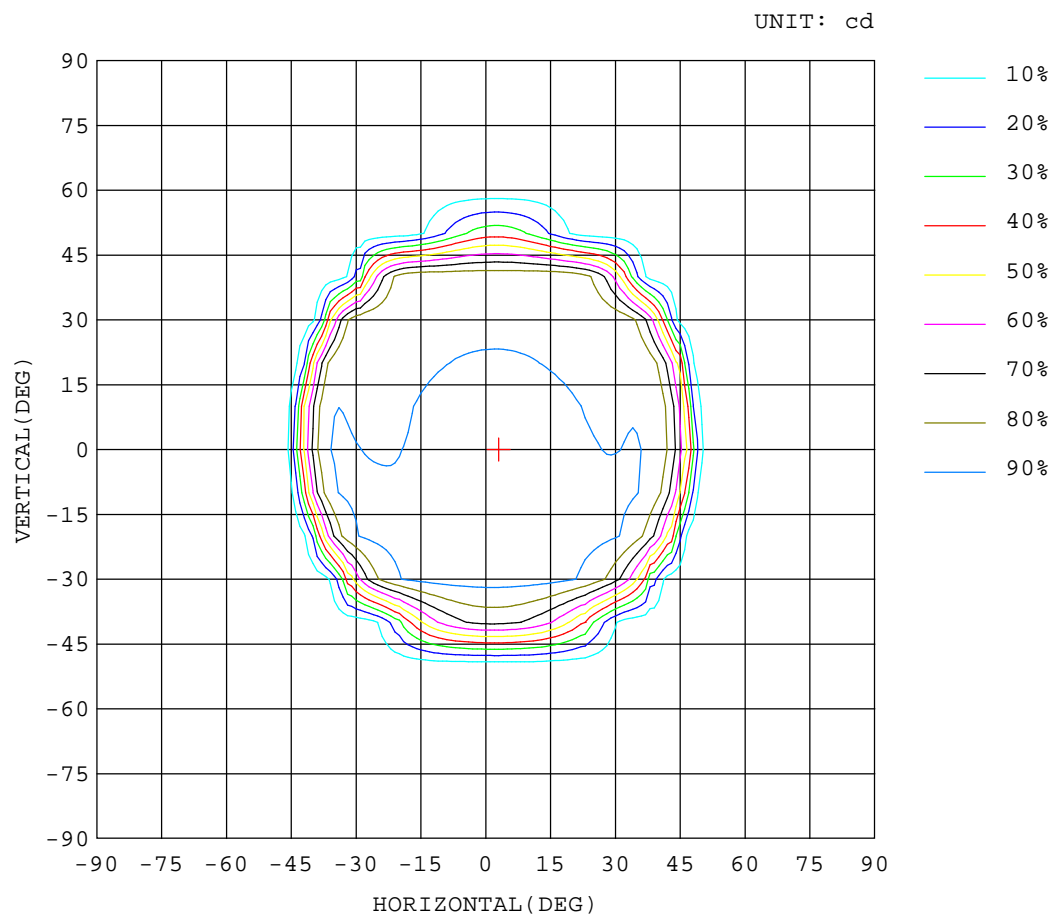
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年08月02日

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-90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-90度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	7292	7155	7078	7073	7158	7200	7272	7289	0- 5	172.7	172.7
10.0	7169	6986	6870	6860	6926	7059	7258	7220	5- 10	508.4	681.2
15.0	6968	6836	6811	6710	6698	6853	6991	7046	10- 15	823.7	1505
20.0	6754	6770	6751	6696	6564	6573	6723	6750	15- 20	1116	2621
25.0	6605	6745	6818	6731	6541	6397	6483	6504	20- 25	1393	4014
30.0	6563	6718	6886	6699	6590	6348	6243	6378	25- 30	1665	5679
35.0	6592	6495	6087	6302	6628	6391	6305	6372	30- 35	1914	7593
40.0	6270	5647	5289	4900	5234	6260	6366	6327	35- 40	2036	9629
45.0	4574	2952	2802	2060	1071	3854	4464	5213	40- 45	1723	11353
50.0	866.0	404.6	315.7	288.9	283.1	601.7	2561	2708	45- 50	900.1	12253
55.0	282.9	273.1	258.5	238.0	255.3	302.6	1416	788.4	50- 55	290.0	12543
60.0	218.6	216.1	201.4	187.7	196.3	226.1	271.2	255.6	55- 60	139.7	12683
65.0	180.4	178.4	156.6	161.0	161.8	183.1	215.3	217.0	60- 65	97.97	12781
70.0	148.7	150.5	111.9	136.9	136.1	157.4	159.5	166.3	65- 70	84.08	12865
75.0	131.5	127.1	84.17	111.3	109.3	131.4	122.8	139.9	70- 75	71.10	12936
80.0	102.0	84.99	56.44	66.29	50.71	97.00	86.21	106.9	75- 80	55.51	12992
85.0	56.11	42.32	31.20	27.27	6.394	52.92	47.73	62.73	80- 85	34.25	13026
90.0	2.205	2.866	5.953	1.102	4.851	0.441	9.261	4.189	85- 90	11.68	13037
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:cd									UNIT:lm	

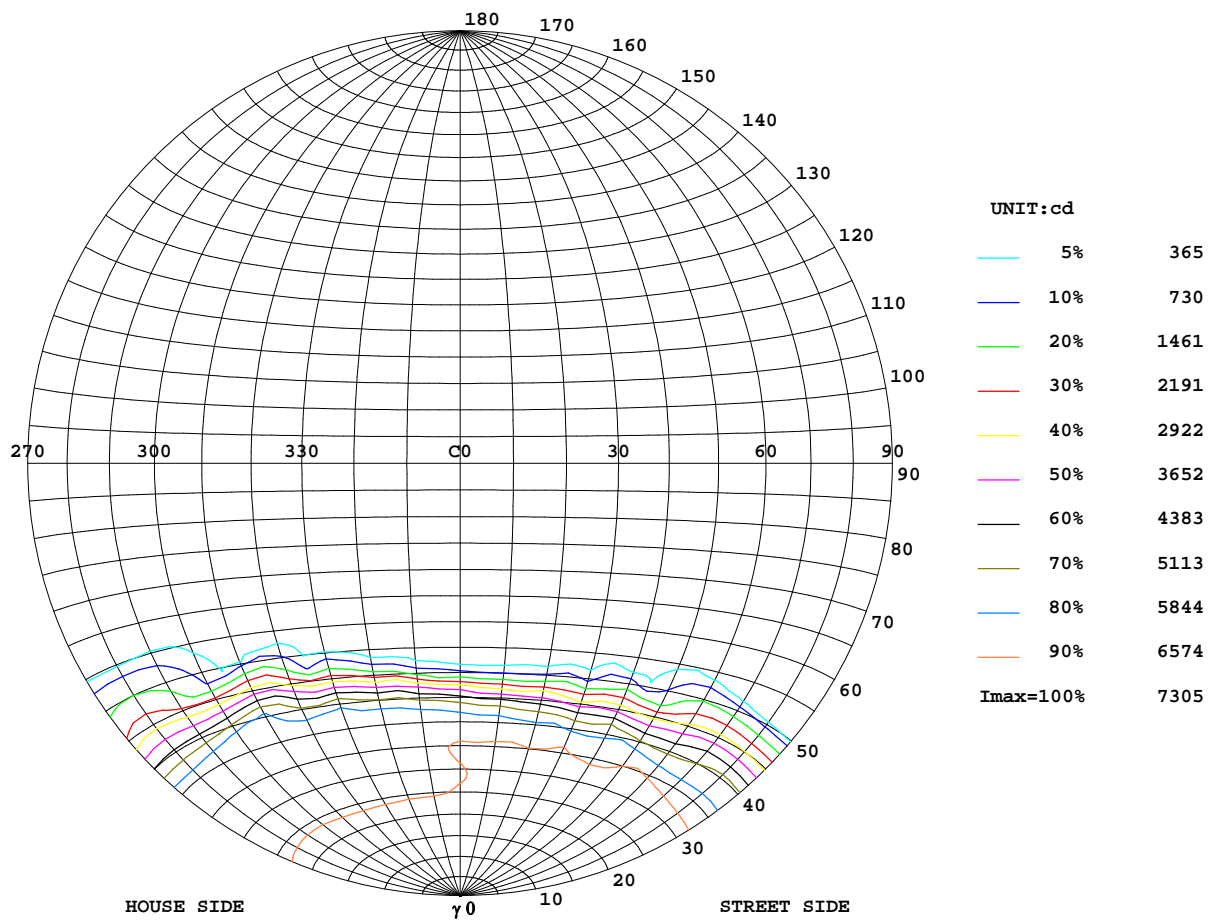
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年08月02日

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-90度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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

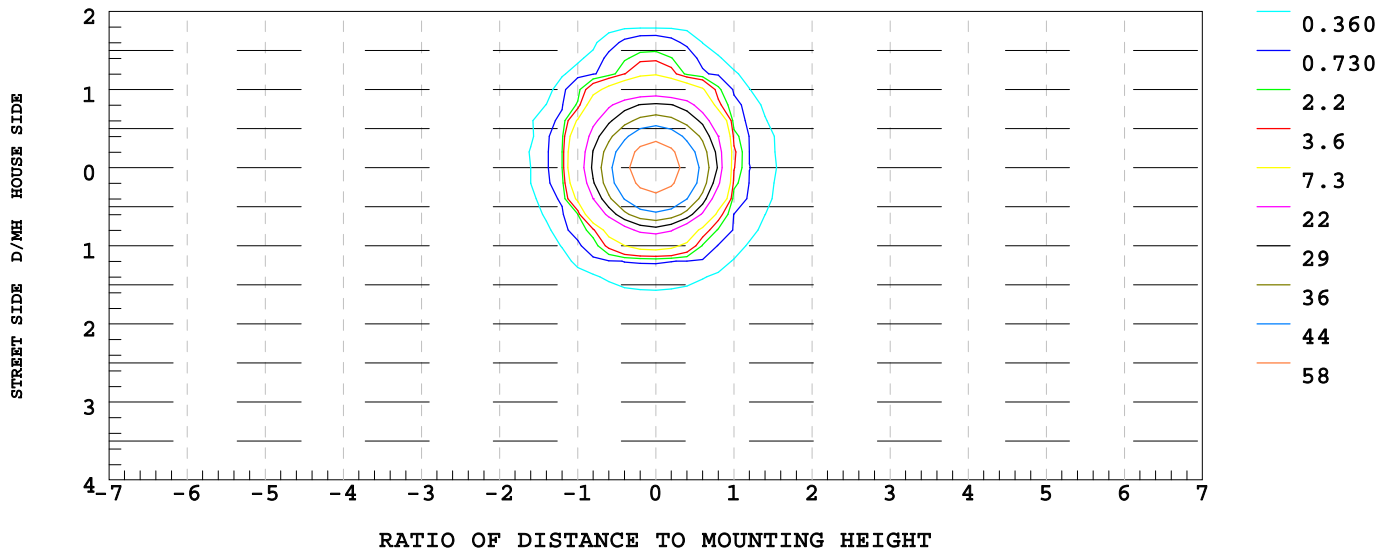
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: litian	Address:	
NAME: LT-T-115A-100w-90度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 72.86 lx



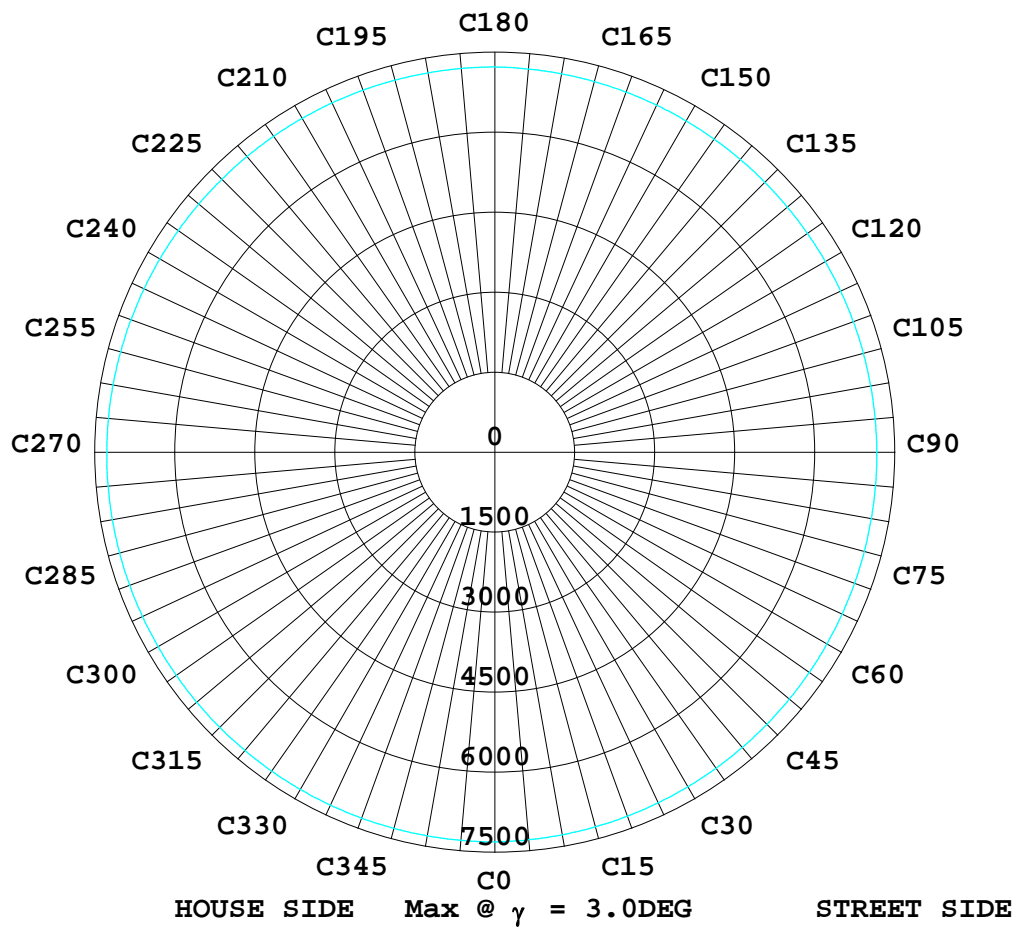
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年08月02日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: litian	Address:	
NAME: LT-T-115A-100w-90度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
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Test Set: 5.0deg/s B-Beta (TYPE B)
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