

LAMP PHOTOMETRIC REPORT

MODEL:

POWER: 196W

VOLTAGE: 220V

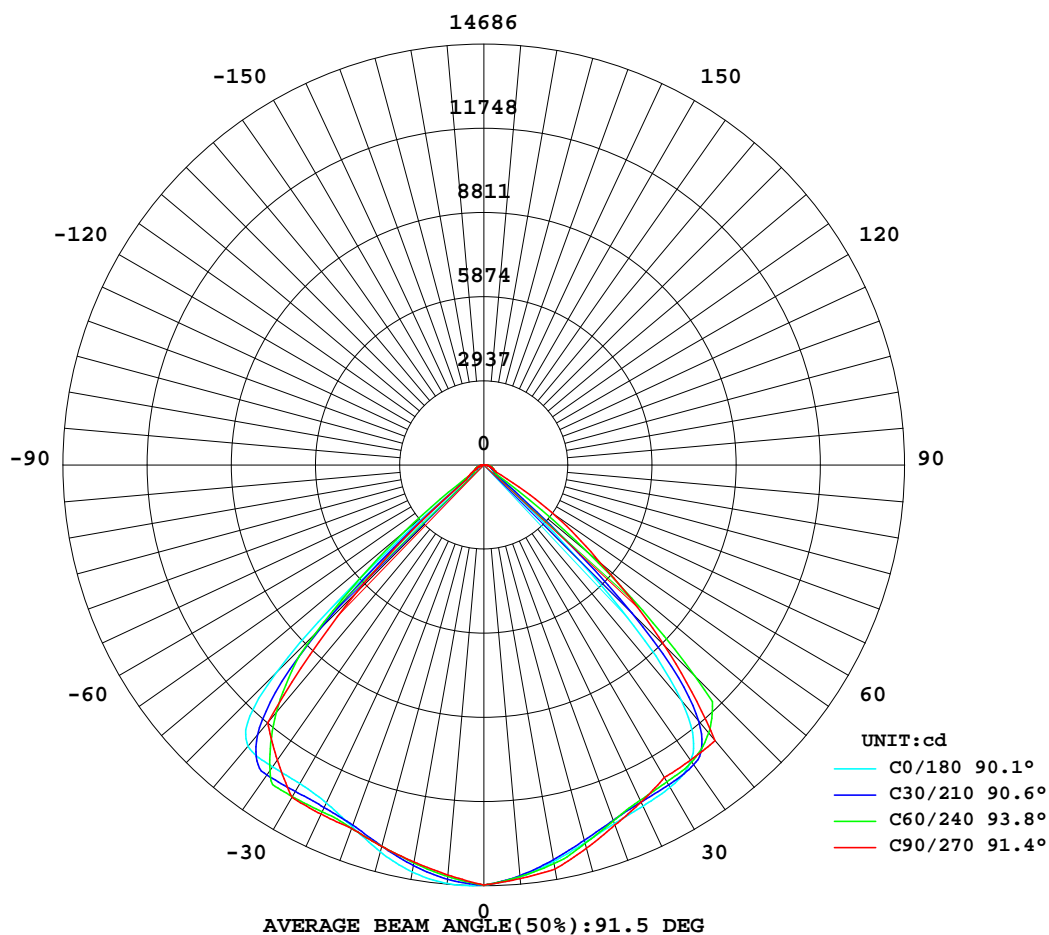
WORKING VOLTAGE: 219.5V

MANUFACTURER: LI TIAN

TOTAL FLUX: 26576 lm

Efficiency: 136.28 lm/W

Test: U: 219.6V I: 0.909A P: 195.0W PF: 0.977



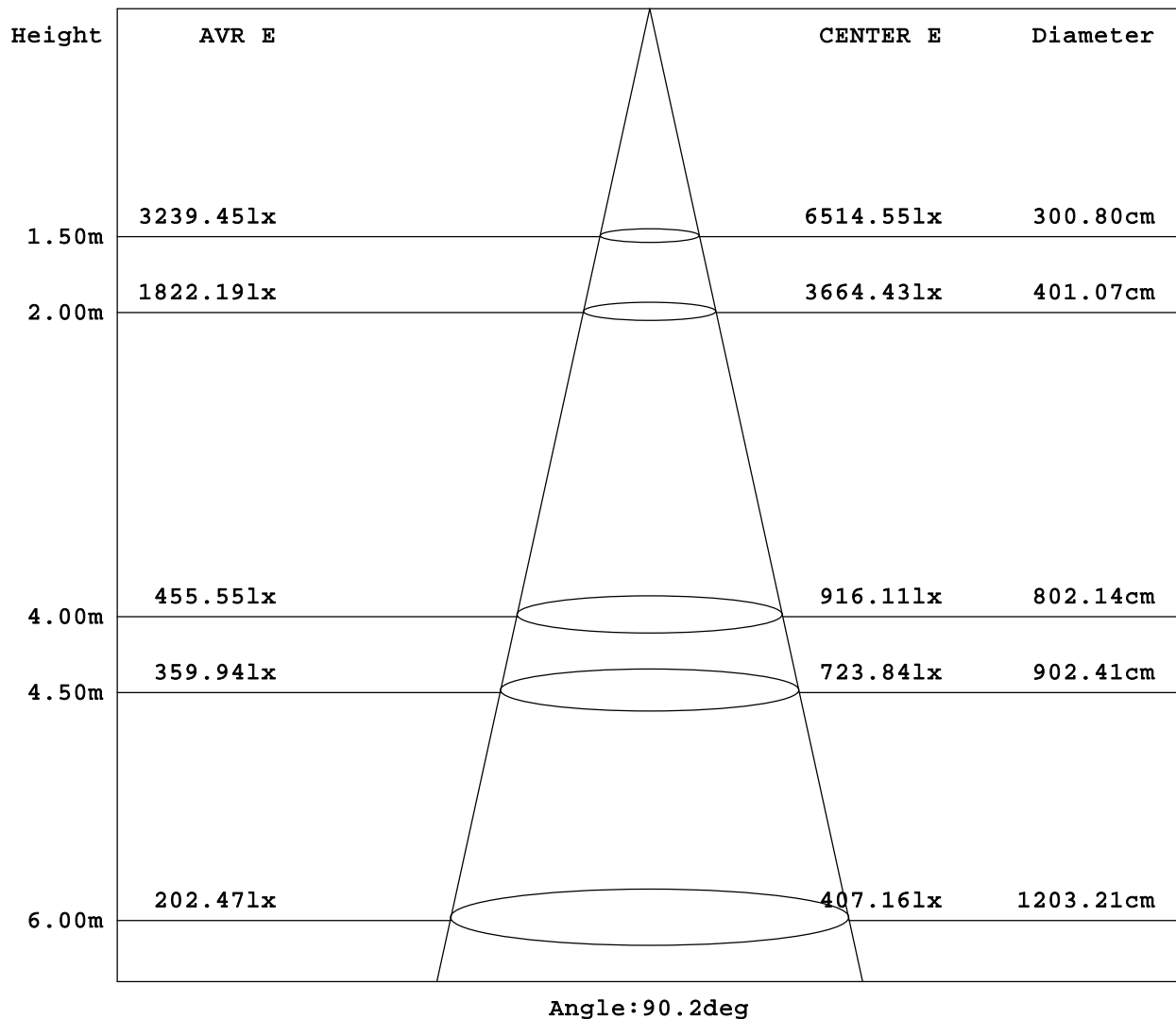
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月26日

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26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	0.02	0.03	0.11	0.24	0.40	0.50	0.53	0.53	0.49	0.42	0.29	0.13	0.03	0.01	0.01	0.00	3.74	0.00	
VERTICAL (DEG)	90																					
	80	0.01	0.30	1.15	2.58	4.37	6.21	7.32	7.67	7.11	6.90	7.22	7.00	5.81	4.31	2.92	1.45	0.46	0.03	72.8	0.00	
	70	0.04	0.67	2.16	4.25	6.06	7.44	9.04	9.95	10.2	10.3	10.1	9.25	7.62	5.83	3.86	2.20	0.81	0.09	100	0.00	
	60	0.05	0.87	2.71	4.88	6.75	9.02	11.5	14.3	17.0	17.5	16.5	12.9	9.99	7.18	4.90	2.68	1.10	0.15	140	0.00	
	50	0.09	1.16	3.25	5.30	7.71	12.0	17.3	75.1	199	221	108	22.5	13.9	9.31	5.65	3.09	1.23	0.17	707	596	
	40	0.08	1.24	3.38	5.87	9.82	41.1	346	511	502	493	507	452	147	11.6	6.86	3.50	1.40	0.23	3044	2983	
	30	0.13	1.45	3.63	6.95	23.2	319	403	380	383	381	367	359	355	53.7	7.81	3.71	1.47	0.22	3050	3006	
		0.11	1.43	3.74	7.41	70.7	313	357	382	409	417	393	351	331	205	8.81	4.05	1.54	0.27	3258	3221	
		0.16	1.55	3.89	7.71	143	321	361	401	440	448	412	359	319	179	9.14	3.97	1.53	0.23	3412	3378	
		0.12	1.46	3.88	7.78	93.3	305	364	404	440	448	416	364	323	229	12.1	4.11	1.54	0.27	3417	3384	
		0.15	1.51	3.89	7.42	107	303	364	398	418	414	389	360	326	132	7.22	3.71	1.49	0.22	3237	3206	
	-30	0.09	1.33	3.68	6.94	14.7	227	351	387	400	400	388	367	317	91.0	7.13	3.54	1.43	0.23	2970	2938	
-40	0.11	1.29	3.51	6.21	5.49	107	304	377	402	406	394	351	154	2.59	5.96	3.15	1.30	0.17	2526	2492		
-50	0.05	1.02	3.15	5.42	7.60	0.91	43.7	217	312	332	284	106	1.75	6.82	4.78	2.87	1.15	0.16	1331	1290		
-60	0.05	0.85	2.71	4.80	6.37	8.42	1.26	0.40	0.71	0.65	0.20	0.44	6.26	5.83	4.23	2.41	0.92	0.09	46.6	0.00		
-70	0.02	0.49	1.81	3.87	5.59	6.41	7.64	7.56	5.94	6.17	7.69	8.10	6.18	5.00	3.42	1.85	0.68	0.07	78.5	0.00		
-80	0.01	0.24	0.94	2.19	3.85	4.92	5.74	5.54	4.31	4.02	5.05	5.27	4.26	3.22	2.08	1.04	0.27	0.01	53.0	0.00		
-90	0.00	0.02	0.13	0.36	0.67	1.29	2.19	2.32	2.13	2.03	2.01	1.77	1.25	0.79	0.42	0.15	0.03	0.00	17.5	0.00		
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90	
Φ t	1.29	16.9	47.6	90.0	516	1995	2956	3582	3955	4008	3709	3136	2330	953	97.3	47.5	18.4	2.60	26576			
Φ a	0.00	0.00	0.00	0.00	419	1924	2890	3524	3907	3960	3659	3069	2267	871	3.55	0.00	0.00	0.00		25477		

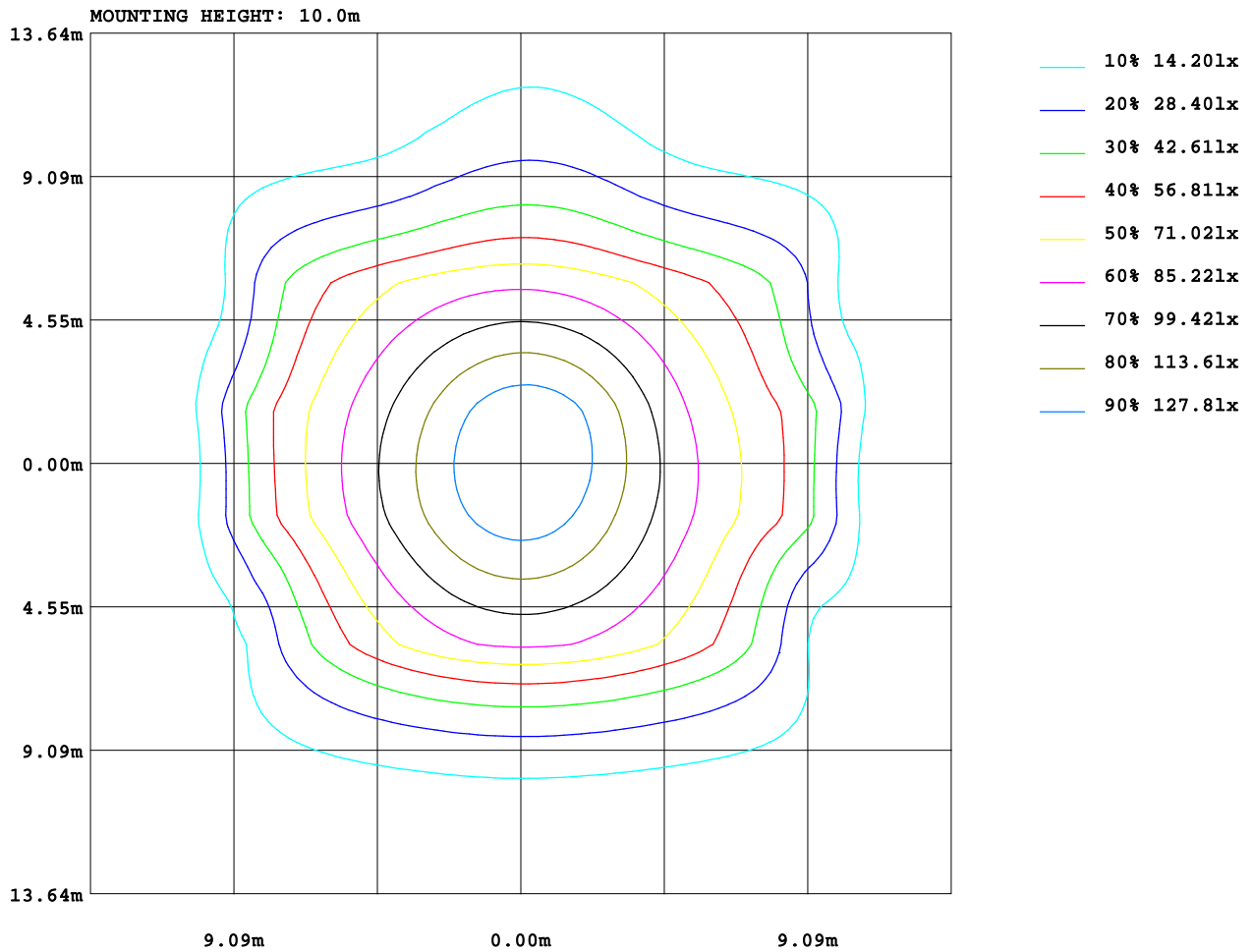
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月26日

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.:



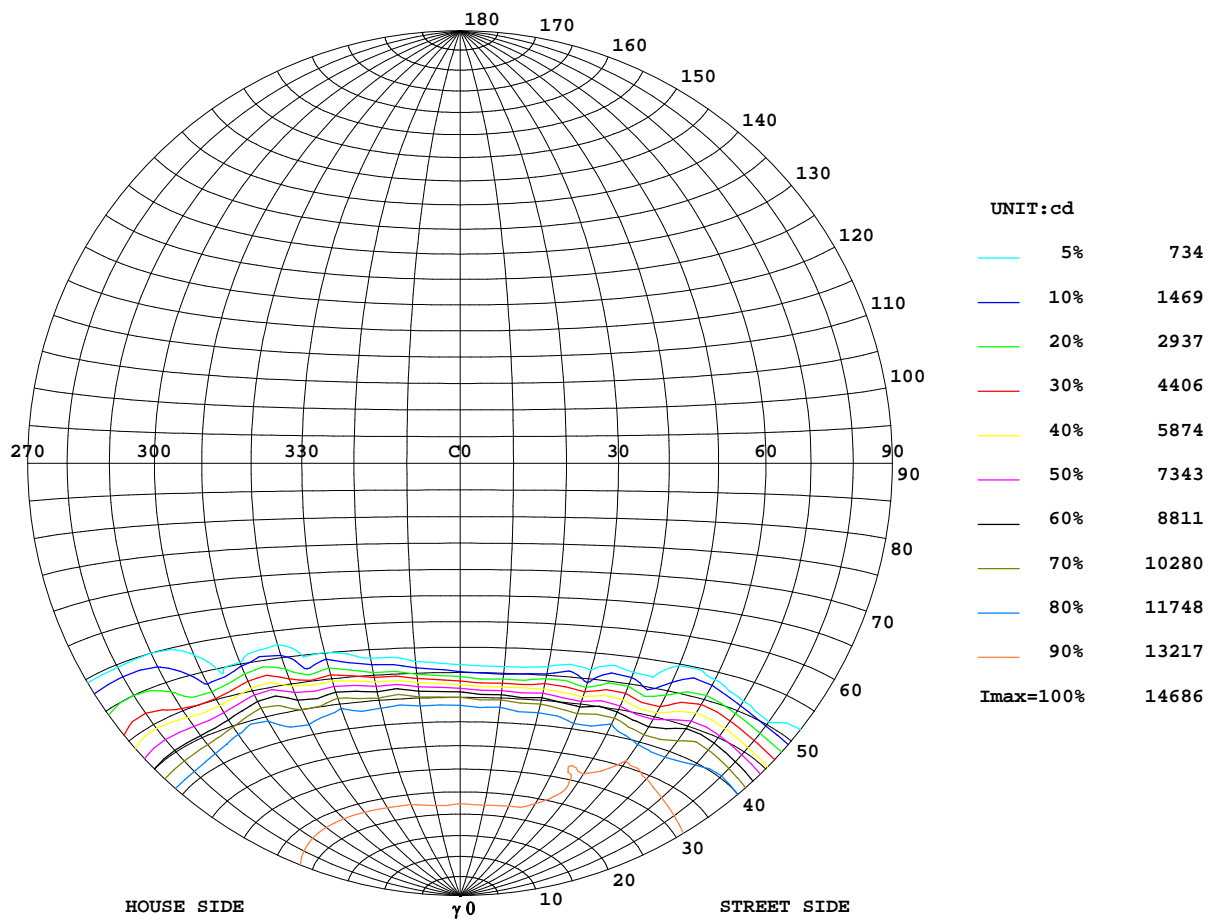
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Test Set: 5.0deg/s B-Beta (TYPE B)
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ISOCANDELA DIAGRAM

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



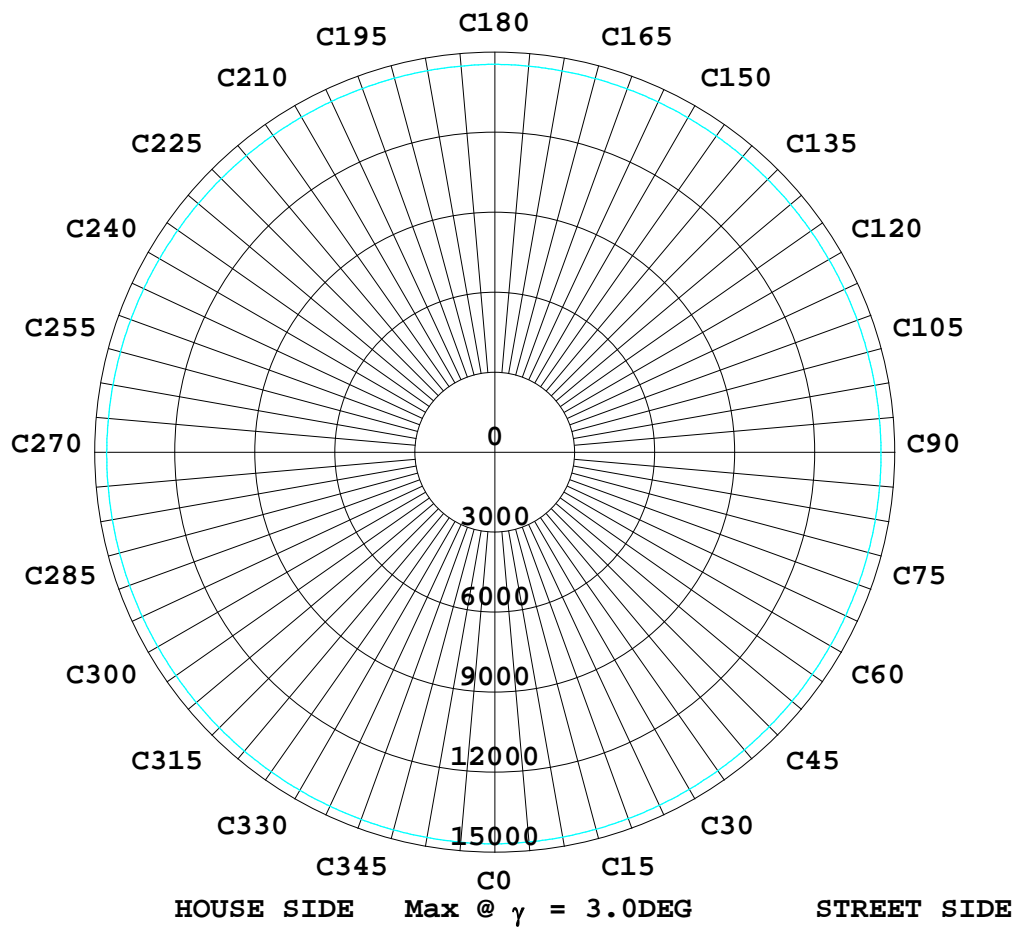
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Temperature:25.3DEG
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Test Date:2017年07月26日

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

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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

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

UNIT: ×10cd

H(°) \ V(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20
-90.0	0.24	0.24	0.26	0.26	0.26	0.25	0.25	0.25	0.26	0.47	0.74	1.08	1.27	1.43	1.54
-85.0	0.24	0.24	0.26	0.26	0.26	0.25	0.25	0.25	0.26	0.47	0.74	1.08	1.27	1.43	1.54
-80.0	0.23	0.26	0.30	1.20	2.38	3.53	4.88	6.54	7.72	8.84	10.0	11.1	12.8	13.9	14.0
-75.0	0.23	0.26	0.30	1.20	2.38	3.53	4.88	6.54	7.72	8.84	10.0	11.1	12.8	13.9	14.0
-70.0	0.16	0.14	1.83	4.39	7.43	10.2	13.5	16.4	19.2	21.4	22.8	23.6	24.5	25.6	25.7
-65.0	0.16	0.14	1.83	4.39	7.43	10.2	13.5	16.4	19.2	21.4	22.8	23.6	24.5	25.6	25.7
-60.0	0.40	0.49	3.01	7.93	11.9	16.8	21.1	24.6	27.0	28.5	29.7	31.3	33.5	34.8	35.4
-55.0	0.40	0.49	3.01	7.93	11.9	16.8	21.1	24.6	27.0	28.5	29.7	31.3	33.5	34.8	35.4
-50.0	0.20	0.73	5.69	11.2	16.8	22.6	26.7	29.3	31.7	33.5	35.9	43.0	48.5	48.1	50.8
-45.0	0.20	0.73	5.69	11.2	16.8	22.6	26.7	29.3	31.7	33.5	35.9	43.0	48.5	48.1	50.8
-40.0	0.57	1.07	6.70	13.6	19.6	25.7	29.5	33.1	36.1	42.2	45.1	53.9	134	412	724
-35.0	0.57	1.07	6.70	13.6	19.6	25.7	29.5	33.1	36.1	42.2	45.1	53.9	134	412	724
-30.0	0.28	1.13	9.39	16.1	23.0	27.5	32.0	36.1	43.9	46.8	157	614	994	1177	1261
-25.0	0.28	1.13	9.39	16.1	23.0	27.5	32.0	36.1	43.9	46.8	157	614	994	1177	1261
-20.0	0.62	1.21	9.69	17.0	23.9	28.6	34.2	40.2	45.3	91.2	584	1054	1233	1294	1319
-15.0	0.62	1.21	9.69	17.0	23.9	28.6	34.2	40.2	45.3	91.2	584	1054	1233	1294	1319
-10.0	0.29	0.93	10.9	18.2	24.8	29.7	35.7	44.3	55.6	450	1022	1240	1298	1319	1335
-5.0	0.29	0.93	10.9	18.2	24.8	29.7	35.7	44.3	55.6	450	1022	1240	1298	1319	1335
0.0	0.63	1.09	10.4	18.0	24.7	29.1	36.0	45.7	55.1	408	1032	1251	1297	1312	1330
5.0	0.63	1.09	10.4	18.0	24.7	29.1	36.0	45.7	55.1	408	1032	1251	1297	1312	1330
10.0	0.29	1.38	11.0	18.2	24.5	29.0	35.3	44.1	56.4	491	1077	1257	1291	1299	1310
15.0	0.29	1.38	11.0	18.2	24.5	29.0	35.3	44.1	56.4	491	1077	1257	1291	1299	1310
20.0	0.62	1.38	9.86	17.2	23.8	27.7	33.5	41.0	46.4	115	774	1180	1272	1284	1284
25.0	0.62	1.38	9.86	17.2	23.8	27.7	33.5	41.0	46.4	115	774	1180	1272	1284	1284
30.0	0.29	1.33	9.70	16.4	23.0	26.8	31.1	35.6	42.4	52.0	333	946	1208	1266	1274
35.0	0.29	1.33	9.70	16.4	23.0	26.8	31.1	35.6	42.4	52.0	333	946	1208	1266	1274
40.0	0.58	1.14	7.45	14.3	20.3	25.2	28.6	31.8	35.2	44.7	45.9	75.6	403	888	1143
45.0	0.58	1.14	7.45	14.3	20.3	25.2	28.6	31.8	35.2	44.7	45.9	75.6	403	888	1143
50.0	0.30	0.94	6.81	12.4	17.6	23.1	26.4	28.5	30.8	33.2	37.2	44.2	45.1	52.1	76.3
55.0	0.30	0.94	6.81	12.4	17.6	23.1	26.4	28.5	30.8	33.2	37.2	44.2	45.1	52.1	76.3
60.0	0.44	0.55	4.02	9.16	13.7	18.0	22.5	25.2	27.0	28.6	30.3	32.4	35.3	37.4	38.8
65.0	0.44	0.55	4.02	9.16	13.7	18.0	22.5	25.2	27.0	28.6	30.3	32.4	35.3	37.4	38.8
70.0	0.24	0.19	2.92	6.17	9.32	13.1	16.3	19.7	21.8	23.4	24.5	25.5	26.5	28.0	28.6
75.0	0.24	0.19	2.92	6.17	9.32	13.1	16.3	19.7	21.8	23.4	24.5	25.5	26.5	28.0	28.6
80.0	0.26	0.29	0.42	2.50	4.00	5.87	7.91	9.80	11.9	13.6	15.5	16.9	17.9	18.2	18.3
85.0	0.26	0.29	0.42	2.50	4.00	5.87	7.91	9.80	11.9	13.6	15.5	16.9	17.9	18.2	18.3
90.0	0.17	0.17	0.15	0.16	0.15	0.15	0.14	0.15	0.29	0.51	0.74	1.01	1.30	1.52	1.70

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 Humidity:65.0%
 Test Distance:10.500 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

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

UNIT: ×10cd

H(°) \ V(°)	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55
-90.0	1.61	1.76	1.88	1.68	1.60	1.59	1.55	1.48	1.33	1.21	1.03	0.84	0.56	0.25	0.23
-85.0	1.61	1.76	1.88	1.68	1.60	1.59	1.55	1.48	1.33	1.21	1.03	0.84	0.56	0.25	0.23
-80.0	13.5	12.8	12.0	11.7	11.7	12.0	12.6	12.6	12.4	11.8	10.6	9.44	8.59	7.69	6.43
-75.0	13.5	12.8	12.0	11.7	11.7	12.0	12.6	12.6	12.4	11.8	10.6	9.44	8.59	7.69	6.43
-70.0	24.7	23.2	22.2	21.6	21.7	22.6	23.8	24.7	24.7	23.1	21.8	20.3	18.8	16.7	15.1
-65.0	24.7	23.2	22.2	21.6	21.7	22.6	23.8	24.7	24.7	23.1	21.8	20.3	18.8	16.7	15.1
-60.0	36.1	37.2	38.4	39.3	39.1	38.0	36.9	35.9	35.1	33.8	31.2	28.1	26.2	24.1	21.8
-55.0	36.1	37.2	38.4	39.3	39.1	38.0	36.9	35.9	35.1	33.8	31.2	28.1	26.2	24.1	21.8
-50.0	56.0	67.4	76.5	81.7	76.9	68.2	57.4	50.0	45.8	46.9	43.8	36.7	31.8	29.0	26.3
-45.0	56.0	67.4	76.5	81.7	76.9	68.2	57.4	50.0	45.8	46.9	43.8	36.7	31.8	29.0	26.3
-40.0	937	1066	1136	1171	1181	1162	1101	960	678	289	69.2	48.4	43.6	35.1	30.3
-35.0	937	1066	1136	1171	1181	1162	1101	960	678	289	69.2	48.4	43.6	35.1	30.3
-30.0	1303	1324	1335	1340	1342	1341	1338	1328	1300	1198	867	204	52.4	43.7	35.4
-25.0	1303	1324	1335	1340	1342	1341	1338	1328	1300	1198	867	204	52.4	43.7	35.4
-20.0	1332	1341	1348	1349	1345	1339	1331	1325	1323	1322	1301	1127	488	54.1	42.7
-15.0	1332	1341	1348	1349	1345	1339	1331	1325	1323	1322	1301	1127	488	54.1	42.7
-10.0	1357	1381	1400	1407	1400	1379	1349	1321	1304	1302	1306	1255	763	73.1	46.0
-5.0	1357	1381	1400	1407	1400	1379	1349	1321	1304	1302	1306	1255	763	73.1	46.0
0.0	1360	1401	1440	1464	1467	1445	1403	1349	1305	1285	1286	1284	1078	239	49.7
5.0	1360	1401	1440	1464	1467	1445	1403	1349	1305	1285	1286	1284	1078	239	49.7
10.0	1337	1375	1410	1433	1433	1413	1373	1323	1284	1268	1271	1250	855	92.5	47.9
15.0	1337	1375	1410	1433	1433	1413	1373	1323	1284	1268	1271	1250	855	92.5	47.9
20.0	1289	1303	1322	1336	1339	1329	1308	1281	1258	1252	1253	1204	727	71.5	45.2
25.0	1289	1303	1322	1336	1339	1329	1308	1281	1258	1252	1253	1204	727	71.5	45.2
30.0	1270	1264	1262	1259	1257	1252	1245	1241	1240	1233	1140	663	79.5	47.9	43.1
35.0	1270	1264	1262	1259	1257	1252	1245	1241	1240	1233	1140	663	79.5	47.9	43.1
40.0	1230	1254	1257	1256	1252	1247	1239	1219	1140	874	395	64.7	46.9	46.1	34.9
45.0	1230	1254	1257	1256	1252	1247	1239	1219	1140	874	395	64.7	46.9	46.1	34.9
50.0	172	327	465	531	514	416	259	120	60.3	51.9	47.7	48.4	37.4	33.4	29.9
55.0	172	327	465	531	514	416	259	120	60.3	51.9	47.7	48.4	37.4	33.4	29.9
60.0	41.8	45.5	46.9	47.6	48.0	47.8	47.3	44.7	40.4	37.9	35.3	32.1	29.7	27.4	24.7
65.0	41.8	45.5	46.9	47.6	48.0	47.8	47.3	44.7	40.4	37.9	35.3	32.1	29.7	27.4	24.7
70.0	28.6	28.3	28.0	27.7	27.9	28.4	28.6	28.6	28.2	27.2	25.6	24.2	22.6	20.8	18.3
75.0	28.6	28.3	28.0	27.7	27.9	28.4	28.6	28.6	28.2	27.2	25.6	24.2	22.6	20.8	18.3
80.0	18.1	17.1	16.1	15.6	15.7	16.2	17.0	17.5	17.5	16.9	16.0	14.6	13.5	12.5	11.2
85.0	18.1	17.1	16.1	15.6	15.7	16.2	17.0	17.5	17.5	16.9	16.0	14.6	13.5	12.5	11.2
90.0	1.80	1.85	1.83	1.81	1.84	1.84	1.79	1.68	1.62	1.45	1.27	0.93	0.62	0.33	0.15

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Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
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UNIT: ×10cd

H(°) \ V(°)	60	65	70	75	80	85	90
-90.0	0.20	0.19	0.18	0.17	0.17	0.15	0.14
-85.0	0.20	0.19	0.18	0.17	0.17	0.15	0.14
-80.0	5.15	3.84	2.73	1.48	0.25	0.14	0.13
-75.0	5.15	3.84	2.73	1.48	0.25	0.14	0.13
-70.0	13.2	10.8	7.96	5.31	2.83	0.48	0.31
-65.0	13.2	10.8	7.96	5.31	2.83	0.48	0.31
-60.0	18.9	16.1	13.2	9.61	5.98	1.70	0.17
-55.0	18.9	16.1	13.2	9.61	5.98	1.70	0.17
-50.0	23.3	20.1	16.3	12.5	8.16	2.43	0.45
-45.0	23.3	20.1	16.3	12.5	8.16	2.43	0.45
-40.0	27.0	23.3	19.2	14.9	10.6	3.69	0.25
-35.0	27.0	23.3	19.2	14.9	10.6	3.69	0.25
-30.0	30.1	25.2	21.3	16.5	11.8	4.12	0.63
-25.0	30.1	25.2	21.3	16.5	11.8	4.12	0.63
-20.0	33.7	27.8	22.5	18.1	13.1	6.74	0.40
-15.0	33.7	27.8	22.5	18.1	13.1	6.74	0.40
-10.0	36.7	29.4	22.9	18.7	13.4	6.47	0.62
-5.0	36.7	29.4	22.9	18.7	13.4	6.47	0.62
0.0	42.3	30.7	23.6	19.1	13.9	7.67	0.40
5.0	42.3	30.7	23.6	19.1	13.9	7.67	0.40
10.0	38.4	30.3	23.1	19.0	13.6	6.74	0.63
15.0	38.4	30.3	23.1	19.0	13.6	6.74	0.63
20.0	37.2	29.7	23.2	18.6	13.5	7.31	0.40
25.0	37.2	29.7	23.2	18.6	13.5	7.31	0.40
30.0	33.3	27.2	22.1	17.5	12.7	5.12	0.63
35.0	33.3	27.2	22.1	17.5	12.7	5.12	0.63
40.0	30.0	25.1	20.6	16.1	11.8	5.14	0.33
45.0	30.0	25.1	20.6	16.1	11.8	5.14	0.33
50.0	25.7	22.1	18.0	14.2	9.66	3.15	0.53
55.0	25.7	22.1	18.0	14.2	9.66	3.15	0.53
60.0	21.8	18.3	15.0	11.9	7.80	2.64	0.26
65.0	21.8	18.3	15.0	11.9	7.80	2.64	0.26
70.0	15.9	13.8	11.0	7.79	4.77	1.07	0.35
75.0	15.9	13.8	11.0	7.79	4.77	1.07	0.35
80.0	9.34	7.45	5.61	3.73	1.89	0.18	0.19
85.0	9.34	7.45	5.61	3.73	1.89	0.18	0.19
90.0	0.13	0.12	0.11	0.11	0.12	0.12	0.11

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月26日

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