

LAMP PHOTOMETRIC REPORT

MODEL:

POWER: 298W

VOLTAGE: 220V

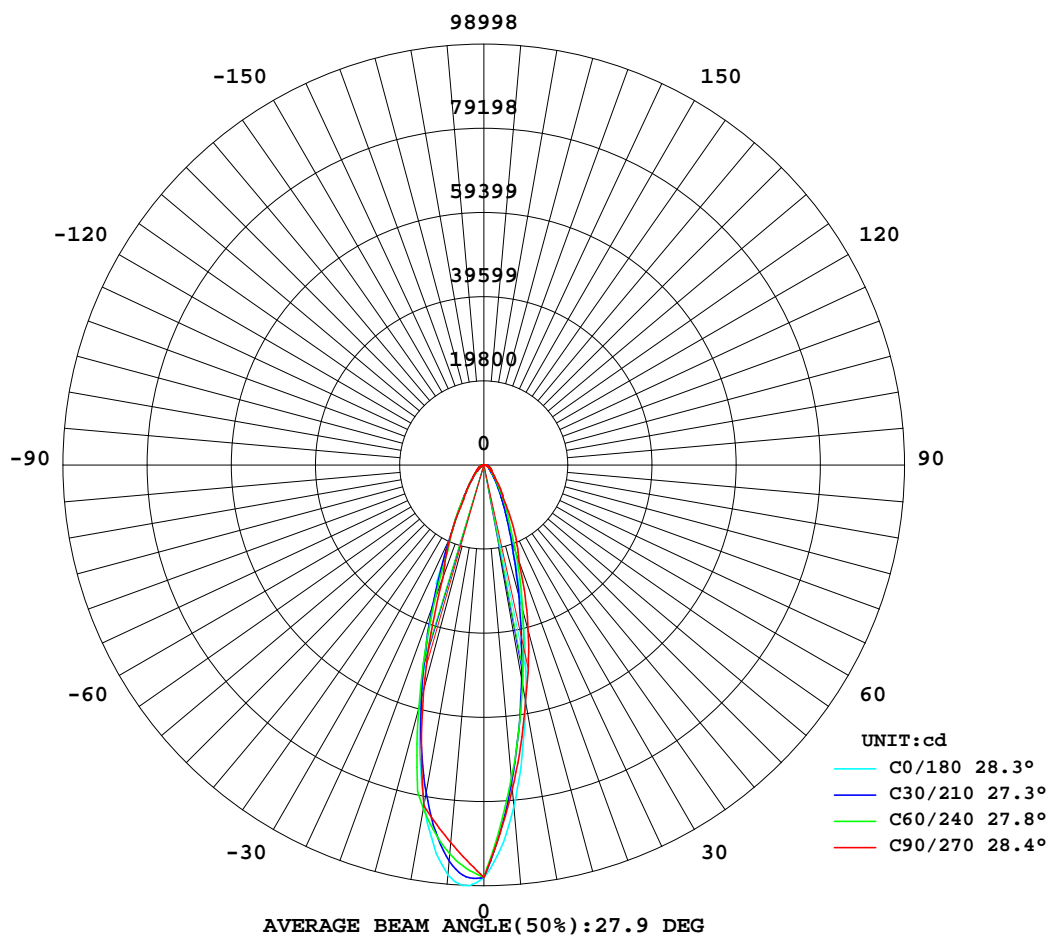
WORKING VOLTAGE: 219.4V

MANUFACTURER: LI TIAN

TOTAL FLUX: 37354 lm

Efficiency: 126.49 lm/W

Test: U: 219.5V I: 1.399A P: 295.2W PF: 0.961



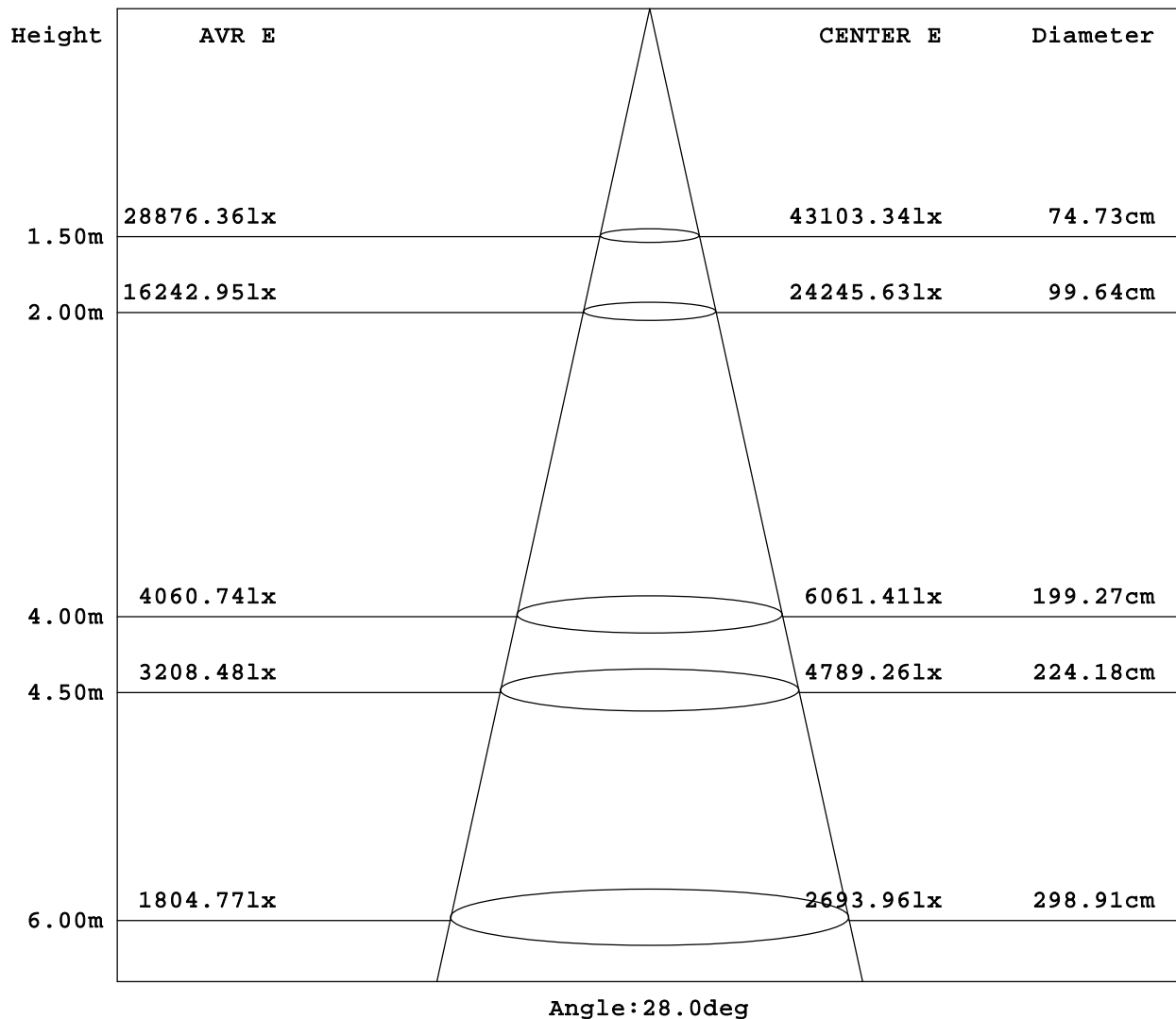
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月25日

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: HOPOO HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017年07月25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				
	9.03	10.7	12.4	14.0	15.8	17.7	19.7	21.4	22.2	22.2	21.6	20.1	18.2	16.3	14.5	12.8	11.1	9.10	290	0.00						
45																										
40	9.58	11.8	14.4	17.7	21.4	25.5	29.6	33.1	35.5	35.9	34.3	31.3	27.4	23.2	19.2	15.6	12.5	9.95	409	0.00						
35																										
30	10.3	12.8	16.0	20.0	24.7	29.9	35.1	39.5	42.5	43.1	41.1	37.4	32.4	27.1	22.1	17.5	13.8	10.8	477	0.00						
25	11.4	15.4	20.6	27.8	37.1	48.4	60.5	71.8	79.4	81.5	77.2	67.8	55.8	43.6	32.8	24.1	17.6	12.6	786	215						
20	12.3	17.1	23.4	32.3	44.0	58.4	74.0	88.5	98.4	101	95.8	83.6	68.2	52.6	38.8	27.9	20.0	13.9	951	524						
15	13.5	19.7	29.0	42.9	63.1	90.7	127	168	203	215	198	160	117	82.0	55.8	37.3	24.8	16.6	1664	1370						
	14.6	21.8	33.0	49.9	74.9	110	156	210	256	272	249	200	144	99.2	66.3	43.3	28.1	18.5	2048	1784						
	15.4	23.4	36.5	57.7	92.4	151	246	362	459	497	451	342	222	135	80.9	49.4	30.8	19.1	3271	3039						
	16.4	25.2	40.3	65.0	107	179	300	447	572	622	563	423	269	159	93.0	55.5	33.8	20.5	3991	3778						
	15.9	24.9	39.8	65.3	112	198	364	573	757	829	751	571	361	201	103	57.0	33.9	20.3	5078	4865						
	16.3	25.9	41.9	69.7	123	223	422	674	898	986	893	679	427	233	114	61.2	35.7	21.1	5945	5747						
-15	14.9	22.4	35.2	55.6	90.1	155	261	411	548	593	525	386	239	134	78.5	47.1	29.2	18.3	3643	3408						
-20	14.5	21.6	33.7	52.7	83.4	142	231	367	493	531	463	334	203	113	71.1	44.0	27.7	17.6	3243	3001						
-25	12.4	17.5	25.0	35.8	50.8	67.8	85.8	100	110	110	103	88.2	75.4	60.8	44.6	31.2	21.5	14.9	1055	569						
-30	11.3	15.3	20.7	27.3	33.7	30.9	15.9	4.54	0.34	0.00	0.00	2.07	11.3	27.6	29.6	24.2	18.1	13.4	287	0.00						
-35	10.2	13.0	16.8	21.2	26.7	32.4	36.8	38.9	38.7	38.5	38.3	37.7	34.6	29.7	24.1	19.1	14.8	11.0	483	0.00						
-40	9.16	10.8	12.7	13.7	13.6	10.8	5.56	1.78	0.12	0.00	0.37	2.36	6.11	10.6	12.9	12.8	11.4	9.19	144	0.00						
-45	8.67	10.3	12.1	13.8	15.8	17.5	19.1	20.4	21.4	21.9	21.4	20.3	18.7	16.8	14.8	12.7	10.7	8.92	286	0.00						
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)										10	15	20	25	30	35	40	45
Φ t	226	321	464	683	1029	1587	2489	3634	4635	5000	4527	3486	2332	1465	916	594	396	267	37354							
Φ a	0.00	0.00	0.00	117	668	1279	2208	3406	4432	4804	4324	3256	2052	1166	531	53.7	0.00	0.00		26906						

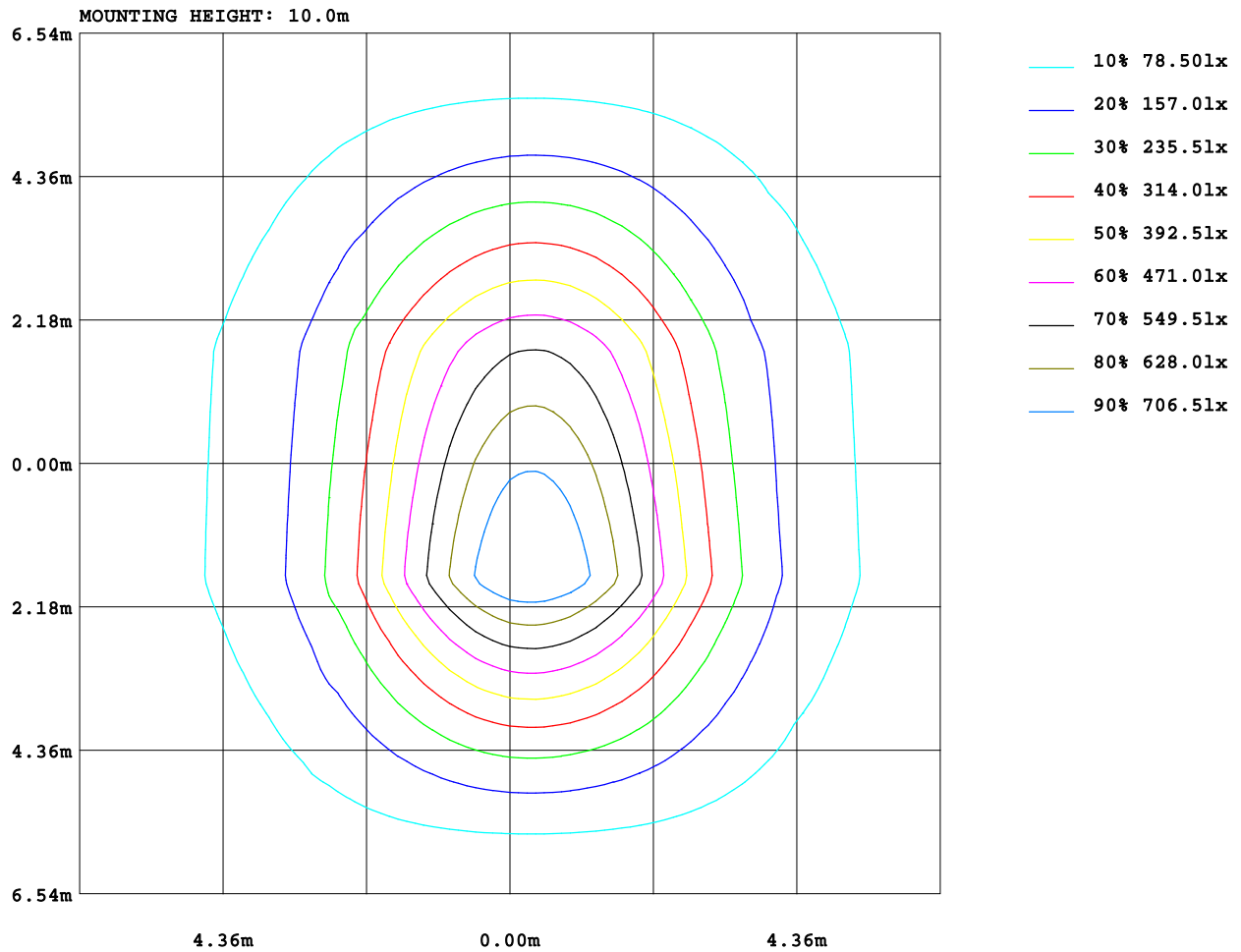
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月25日

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.:



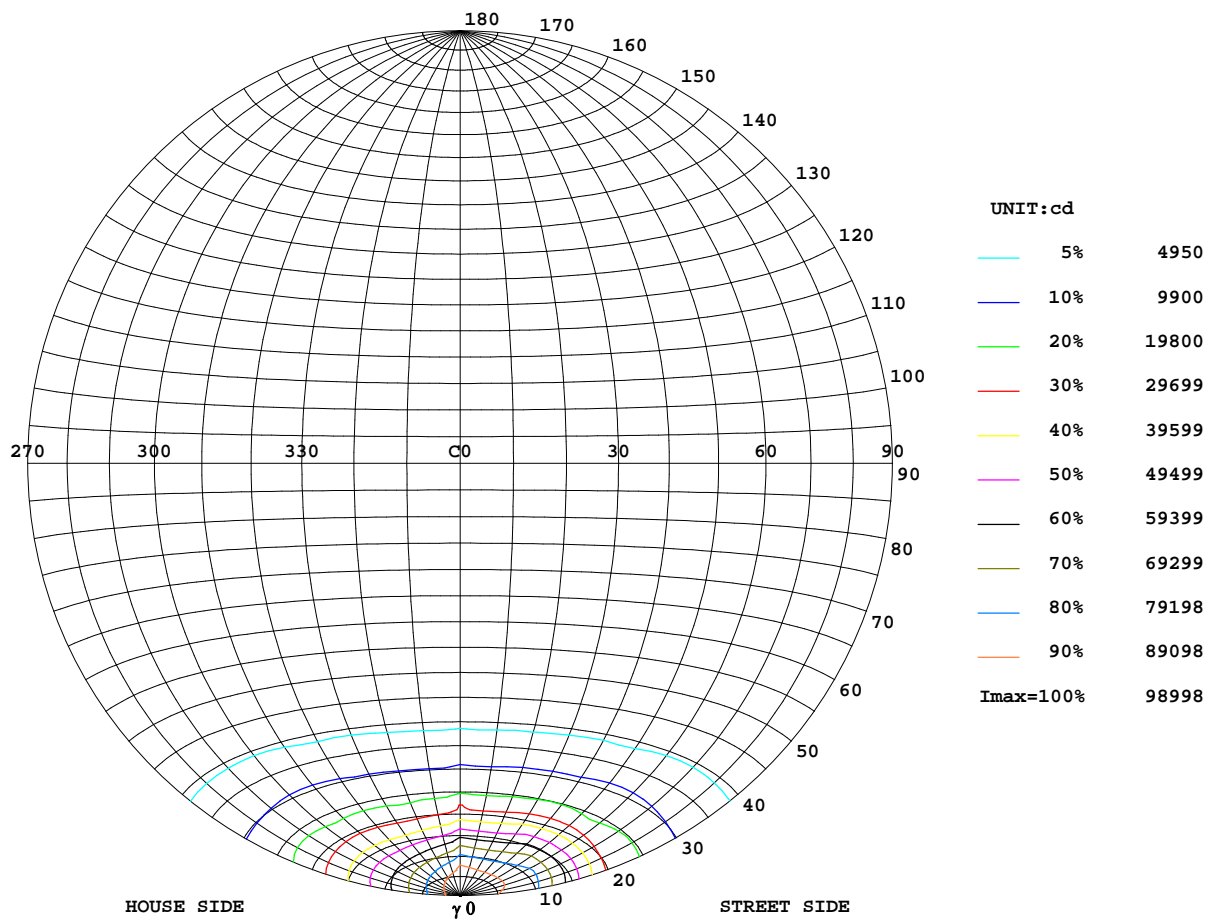
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ISOCANDELA DIAGRAM

Report number:

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



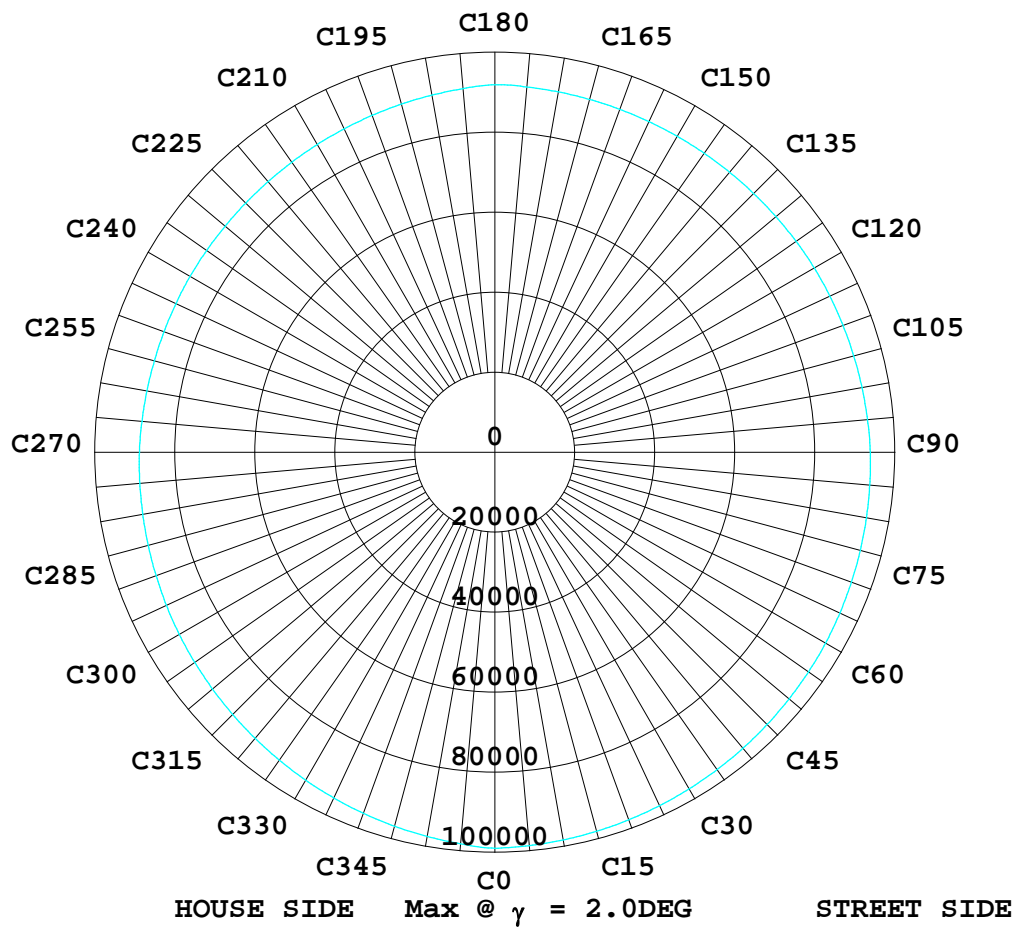
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月25日

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ISOCANDELA DIAGRAM

Report number:

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



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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	0.44	0.42	0.41	0.42	0.44	0.46	1.22	2.16	3.45	5.03	8.23	10.5	14.0	17.6	23.1
-85.0	0.44	0.42	0.41	0.42	0.44	0.46	1.22	2.16	3.45	5.03	8.23	10.5	14.0	17.6	23.1
-80.0	0.80	0.86	1.22	14.7	34.1	51.0	61.7	67.2	68.7	68.6	67.9	67.1	65.4	63.9	62.6
-75.0	0.80	0.86	1.22	14.7	34.1	51.0	61.7	67.2	68.7	68.6	67.9	67.1	65.4	63.9	62.6
-70.0	0.57	0.43	14.1	37.6	65.2	71.3	74.0	76.1	76.7	77.0	76.9	78.6	82.7	87.8	90.5
-65.0	0.57	0.43	14.1	37.6	65.2	71.3	74.0	76.1	76.7	77.0	76.9	78.6	82.7	87.8	90.5
-60.0	1.05	2.03	27.3	59.4	75.4	78.4	81.7	85.2	91.2	98.9	108	118	126	132	136
-55.0	1.05	2.03	27.3	59.4	75.4	78.4	81.7	85.2	91.2	98.9	108	118	126	132	136
-50.0	0.53	9.17	33.2	69.3	81.3	84.8	90.5	102	115	128	142	157	169	179	190
-45.0	0.53	9.17	33.2	69.3	81.3	84.8	90.5	102	115	128	142	157	169	179	190
-40.0	1.09	15.6	43.3	82.1	87.6	89.1	102	119	135	153	172	196	225	256	293
-35.0	1.09	15.6	43.3	82.1	87.6	89.1	102	119	135	153	172	196	225	256	293
-30.0	0.53	13.0	53.6	89.2	85.5	94.9	112	132	151	177	211	262	330	417	531
-25.0	0.53	13.0	53.6	89.2	85.5	94.9	112	132	151	177	211	262	330	417	531
-20.0	1.15	12.8	68.0	91.5	90.3	102	122	144	167	206	263	359	501	704	1000
-15.0	1.15	12.8	68.0	91.5	90.3	102	122	144	167	206	263	359	501	704	1000
-10.0	0.55	10.1	74.5	87.4	89.9	106	129	151	181	232	312	457	684	1045	1678
-5.0	0.55	10.1	74.5	87.4	89.9	106	129	151	181	232	312	457	684	1045	1678
0.0	1.19	9.60	77.3	84.1	90.3	108	133	154	187	241	330	491	748	1168	1942
5.0	1.19	9.60	77.3	84.1	90.3	108	133	154	187	241	330	491	748	1168	1942
10.0	0.54	21.9	75.5	79.8	88.0	105	128	148	181	230	309	445	655	976	1498
15.0	0.54	21.9	75.5	79.8	88.0	105	128	148	181	230	309	445	655	976	1498
20.0	1.20	23.7	75.1	79.8	86.8	102	124	144	169	208	266	360	497	687	954
25.0	1.20	23.7	75.1	79.8	86.8	102	124	144	169	208	266	360	497	687	954
30.0	0.55	19.2	69.5	77.8	82.7	95.3	115	134	153	179	216	276	337	424	536
35.0	0.55	19.2	69.5	77.8	82.7	95.3	115	134	153	179	216	276	337	424	536
40.0	1.12	11.7	62.0	77.7	80.3	89.3	105	122	138	155	175	200	227	263	302
45.0	1.12	11.7	62.0	77.7	80.3	89.3	105	122	138	155	175	200	227	263	302
50.0	0.55	8.47	49.6	71.0	77.5	82.0	92.7	105	118	131	146	159	171	182	195
55.0	0.55	8.47	49.6	71.0	77.5	82.0	92.7	105	118	131	146	159	171	182	195
60.0	1.08	2.31	36.2	64.8	72.4	76.8	82.4	88.0	95.1	104	114	124	132	137	141
65.0	1.08	2.31	36.2	64.8	72.4	76.8	82.4	88.0	95.1	104	114	124	132	137	141
70.0	0.65	0.51	21.3	46.2	66.0	71.2	71.5	75.1	76.8	77.6	80.3	85.5	92.8	97.4	98.0
75.0	0.65	0.51	21.3	46.2	66.0	71.2	71.5	75.1	76.8	77.6	80.3	85.5	92.8	97.4	98.0
80.0	0.83	0.96	2.34	25.0	45.1	58.2	64.8	63.4	60.8	59.6	58.7	57.1	56.0	56.1	56.8
85.0	0.83	0.96	2.34	25.0	45.1	58.2	64.8	63.4	60.8	59.6	58.7	57.1	56.0	56.1	56.8
90.0	0.46	0.42	0.44	0.47	0.47	0.49	0.57	1.27	2.19	2.93	3.58	4.46	5.21	5.89	6.19

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
 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	25.8	23.9	15.9	8.93	7.81	12.8	15.7	14.0	11.2	9.79	7.72	3.99	1.77	1.30	0.82
-85.0	25.8	23.9	15.9	8.93	7.81	12.8	15.7	14.0	11.2	9.79	7.72	3.99	1.77	1.30	0.82
-80.0	61.4	58.9	55.9	54.7	56.3	59.5	64.2	67.6	69.2	71.0	72.4	72.1	70.0	68.2	67.1
-75.0	61.4	58.9	55.9	54.7	56.3	59.5	64.2	67.6	69.2	71.0	72.4	72.1	70.0	68.2	67.1
-70.0	89.2	85.6	83.1	82.7	82.4	81.2	81.3	83.2	83.2	78.2	71.2	67.0	70.2	80.4	86.1
-65.0	89.2	85.6	83.1	82.7	82.4	81.2	81.3	83.2	83.2	78.2	71.2	67.0	70.2	80.4	86.1
-60.0	139	140	144	153	153	143	136	133	128	122	113	101	88.5	78.1	69.6
-55.0	139	140	144	153	153	143	136	133	128	122	113	101	88.5	78.1	69.6
-50.0	202	213	225	234	233	223	210	197	184	172	160	144	124	107	92.1
-45.0	202	213	225	234	233	223	210	197	184	172	160	144	124	107	92.1
-40.0	332	371	402	422	420	398	364	325	283	245	212	183	157	134	111
-35.0	332	371	402	422	420	398	364	325	283	245	212	183	157	134	111
-30.0	664	794	906	964	952	875	754	623	497	389	307	241	192	157	131
-25.0	664	794	906	964	952	875	754	623	497	389	307	241	192	157	131
-20.0	1405	1935	2472	2801	2724	2323	1786	1306	920	640	453	324	236	182	143
-15.0	1405	1935	2472	2801	2724	2323	1786	1306	920	640	453	324	236	182	143
-10.0	2968	4668	6756	8143	7987	6553	4478	2691	1564	942	607	402	274	204	154
-5.0	2968	4668	6756	8143	7987	6553	4478	2691	1564	942	607	402	274	204	154
0.0	3410	5663	8090	9698	9682	8099	5710	3437	1892	1079	673	438	292	213	159
5.0	3410	5663	8090	9698	9682	8099	5710	3437	1892	1079	673	438	292	213	159
10.0	2374	3566	4818	5646	5614	4715	3360	2117	1378	883	588	396	272	204	155
15.0	2374	3566	4818	5646	5614	4715	3360	2117	1378	883	588	396	272	204	155
20.0	1299	1728	2159	2429	2407	2097	1646	1224	883	628	450	324	237	183	144
25.0	1299	1728	2159	2429	2407	2097	1646	1224	883	628	450	324	237	183	144
30.0	663	785	887	942	932	860	746	620	497	390	307	242	193	158	131
35.0	663	785	887	942	932	860	746	620	497	390	307	242	193	158	131
40.0	342	381	411	427	420	397	362	323	282	244	212	182	155	133	112
45.0	342	381	411	427	420	397	362	323	282	244	212	182	155	133	112
50.0	208	221	232	238	233	223	210	198	185	173	160	144	125	108	93.4
55.0	208	221	232	238	233	223	210	198	185	173	160	144	125	108	93.4
60.0	144	147	155	164	156	147	143	139	134	127	117	105	92.9	82.1	72.7
65.0	144	147	155	164	156	147	143	139	134	127	117	105	92.9	82.1	72.7
70.0	95.0	91.5	90.6	92.3	90.9	89.9	91.3	93.0	91.4	84.9	77.0	69.8	65.0	62.3	60.3
75.0	95.0	91.5	90.6	92.3	90.9	89.9	91.3	93.0	91.4	84.9	77.0	69.8	65.0	62.3	60.3
80.0	55.2	52.3	51.9	53.6	53.3	52.7	53.9	54.0	52.3	50.9	51.1	52.2	54.4	56.4	56.5
85.0	55.2	52.3	51.9	53.6	53.3	52.7	53.9	54.0	52.3	50.9	51.1	52.2	54.4	56.4	56.5
90.0	6.31	5.98	5.08	4.59	5.15	5.89	6.41	6.57	6.35	5.61	4.58	3.83	2.70	1.95	1.09

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MANUFACTURER: LI TIAN	Address:	
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SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: ×10cd

H(°) \ V(°)	60	65	70	75	80	85	90
-90.0	0.56	0.52	0.49	0.44	0.42	0.41	0.36
-85.0	0.56	0.52	0.49	0.44	0.42	0.41	0.36
-80.0	63.9	46.2	19.8	1.66	0.46	0.34	0.33
-75.0	63.9	46.2	19.8	1.66	0.46	0.34	0.33
-70.0	86.9	83.3	77.8	58.4	13.7	1.38	0.90
-65.0	86.9	83.3	77.8	58.4	13.7	1.38	0.90
-60.0	67.3	83.2	83.9	76.3	50.0	2.33	0.52
-55.0	67.3	83.2	83.9	76.3	50.0	2.33	0.52
-50.0	78.5	67.5	87.3	85.7	69.0	10.1	1.14
-45.0	78.5	67.5	87.3	85.7	69.0	10.1	1.14
-40.0	92.9	75.8	64.1	85.5	74.9	40.2	0.52
-35.0	92.9	75.8	64.1	85.5	74.9	40.2	0.52
-30.0	106	85.3	68.8	76.9	81.8	41.0	1.25
-25.0	106	85.3	68.8	76.9	81.8	41.0	1.25
-20.0	117	91.9	73.1	62.5	81.2	47.9	0.55
-15.0	117	91.9	73.1	62.5	81.2	47.9	0.55
-10.0	128	98.2	77.1	62.1	82.1	60.3	1.34
-5.0	128	98.2	77.1	62.1	82.1	60.3	1.34
0.0	135	100	77.8	62.0	79.4	59.1	0.58
5.0	135	100	77.8	62.0	79.4	59.1	0.58
10.0	130	98.6	77.1	61.6	79.2	60.1	1.37
15.0	130	98.6	77.1	61.6	79.2	60.1	1.37
20.0	119	92.6	73.3	60.0	77.1	53.9	0.58
25.0	119	92.6	73.3	60.0	77.1	53.9	0.58
30.0	107	85.7	68.9	60.9	76.9	47.4	1.31
35.0	107	85.7	68.9	60.9	76.9	47.4	1.31
40.0	93.5	75.7	62.1	65.6	72.9	38.4	0.57
45.0	93.5	75.7	62.1	65.6	72.9	38.4	0.57
50.0	79.2	66.1	59.7	72.4	69.1	23.5	1.15
55.0	79.2	66.1	59.7	72.4	69.1	23.5	1.15
60.0	63.9	60.3	67.4	68.0	44.9	7.46	0.56
65.0	63.9	60.3	67.4	68.0	44.9	7.46	0.56
70.0	62.8	65.9	65.4	51.5	14.0	1.66	0.90
75.0	62.8	65.9	65.4	51.5	14.0	1.66	0.90
80.0	57.9	51.4	35.0	11.7	0.90	0.50	0.53
85.0	57.9	51.4	35.0	11.7	0.90	0.50	0.53
90.0	0.53	0.45	0.47	0.47	0.42	0.41	0.37

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月25日

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