

LAMP PHOTOMETRIC REPORT

MODEL:

POWER: 396W

VOLTAGE: 218V

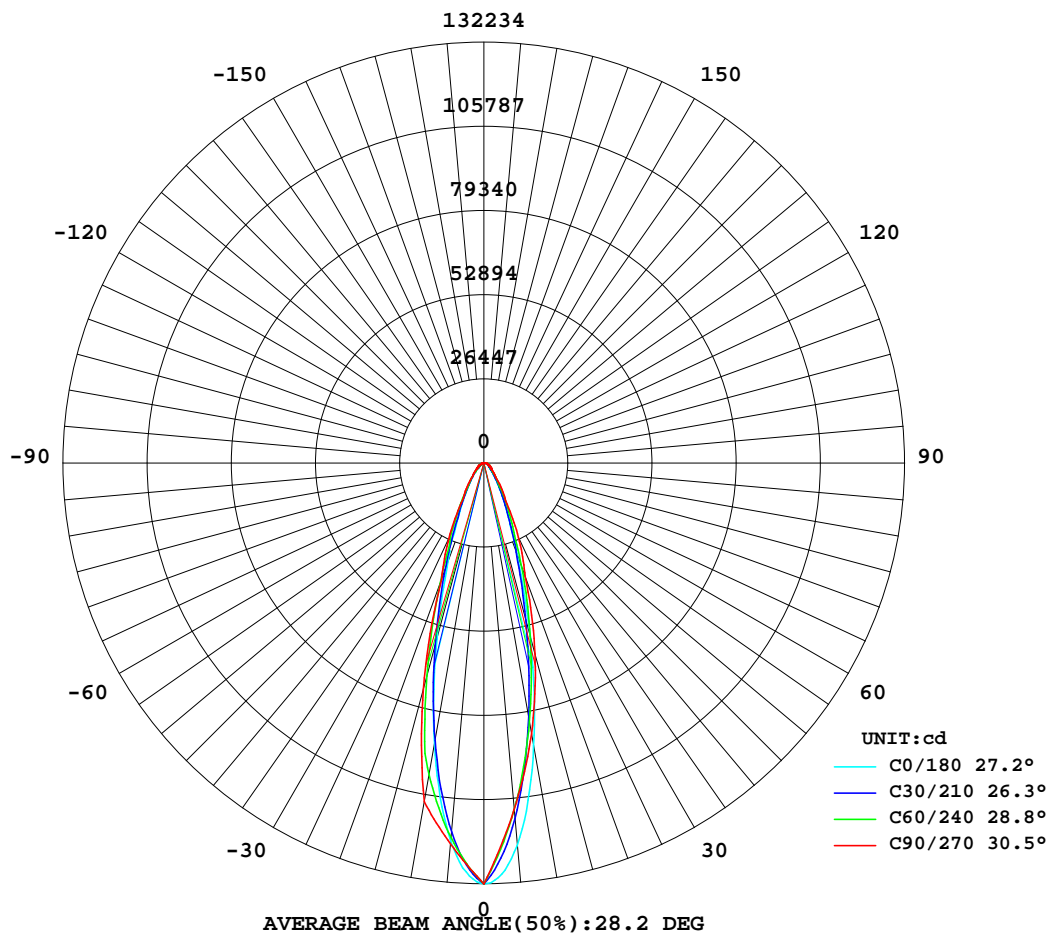
WORKING VOLTAGE: 218.9V

MANUFACTURER: LI TIAN

TOTAL FLUX: 50005 lm

Efficiency: 127.85 lm/W

Test: U: 219.0V I: 1.829A P: 391.1W PF: 0.976



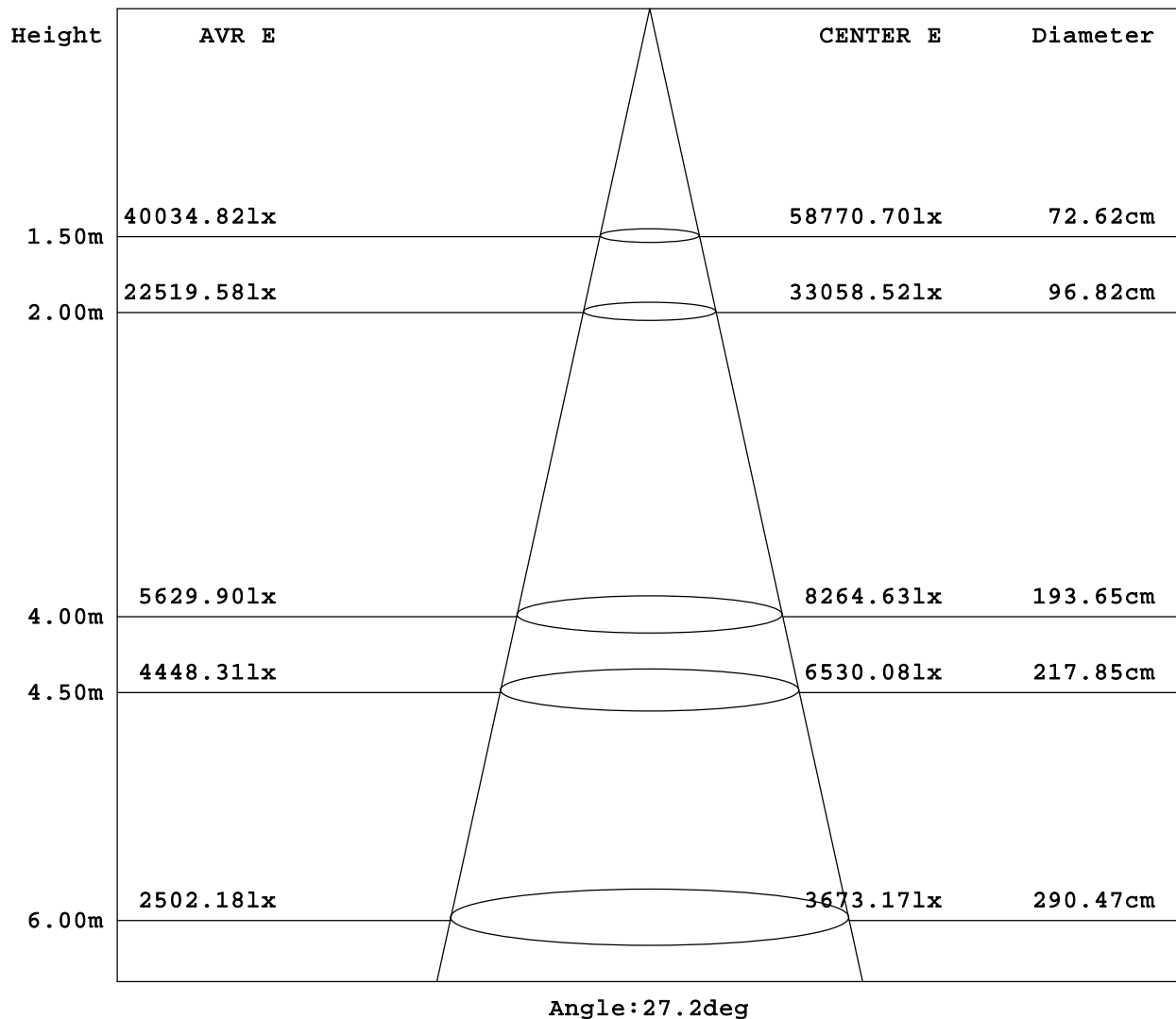
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月19日

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19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
VERTICAL (DEG)	45	11.4	13.9	16.1	18.4	20.9	23.6	26.4	28.7	29.9	30.0	28.8	26.4	23.7	21.0	18.6	16.5	14.0	11.6	381	0.00		
	40	12.4	15.5	19.3	24.0	29.6	35.6	41.6	46.6	49.8	50.0	47.2	42.5	36.6	30.5	24.9	20.0	16.0	12.4	555	0.00		
	35	13.4	16.9	21.6	27.4	34.5	42.2	49.9	56.2	60.1	60.4	57.0	51.0	43.6	35.8	28.6	22.5	17.7	13.5	653	0.00		
	30	15.2	20.8	28.7	39.4	53.5	70.3	88.8	106	117	118	109	93.0	74.6	57.1	42.3	30.8	22.3	16.0	1103	453		
	25	16.5	23.2	32.9	46.2	64.0	85.5	109	131	146	148	136	115	91.2	68.7	50.1	35.6	25.2	17.6	1342	806		
	20	18.6	27.7	41.7	62.8	94.1	138	196	266	322	333	291	222	152	104	69.9	46.5	30.9	20.4	2437	2057		
	15	20.2	30.9	47.8	73.5	112	168	243	335	410	425	369	278	187	125	82.4	53.8	35.0	22.5	3018	2679		
		21.1	33.3	53.3	86.4	142	240	393	580	720	736	623	434	258	150	95.1	59.6	37.6	23.7	4687	4382		
		22.5	36.2	59.1	98.0	165	287	482	719	897	916	771	530	307	172	108	66.3	41.1	25.4	5703	5416		
		22.0	35.5	58.4	98.3	172	328	591	880	1066	1057	857	582	340	195	110	66.0	40.7	25.0	6525	6240		
		22.7	37.0	61.7	105	189	372	688	1029	1240	1221	980	661	382	218	118	69.9	42.6	25.9	7463	7190		
	-15	20.3	31.8	50.7	82.4	137	237	407	614	755	747	599	406	244	141	89.3	55.7	35.3	22.4	4675	4366		
	-20	19.8	30.6	48.3	77.4	127	210	353	536	665	655	520	352	214	124	82.9	52.3	33.5	21.5	4123	3792		
	-25	16.9	24.2	35.3	51.0	72.8	97.4	118	141	160	165	154	134	106	79.5	55.8	38.6	26.6	18.2	1496	918		
	-30	15.4	21.0	28.6	37.5	44.8	36.5	12.5	3.71	1.26	2.98	8.42	24.4	44.7	51.5	41.1	31.1	22.8	16.4	446	0.00		
	-35	13.6	17.6	22.9	29.3	36.8	44.2	50.0	51.8	51.6	52.0	52.8	50.6	46.0	38.6	31.0	24.3	18.7	14.1	647	0.00		
-40	11.9	14.3	16.6	17.9	16.8	11.4	5.58	1.18	0.00	0.00	1.05	4.54	11.0	16.6	18.1	17.0	14.8	12.0	191	0.00			
-45	11.1	13.3	16.0	18.6	21.2	23.6	25.6	27.2	28.5	29.1	28.4	26.8	24.7	22.0	19.2	16.5	13.8	11.1	378	0.00			
		-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45		
Φ t		306	445	660	995	1535	2450	3881	5554	6718	6746	5633	4034	2586	1650	1086	724	489	331	50005			
Φ a		0.00	0.00	0.00	322	1100	2043	3549	5296	6486	6509	5378	3726	2191	1213	483	3.49	0.00	0.00	36449			

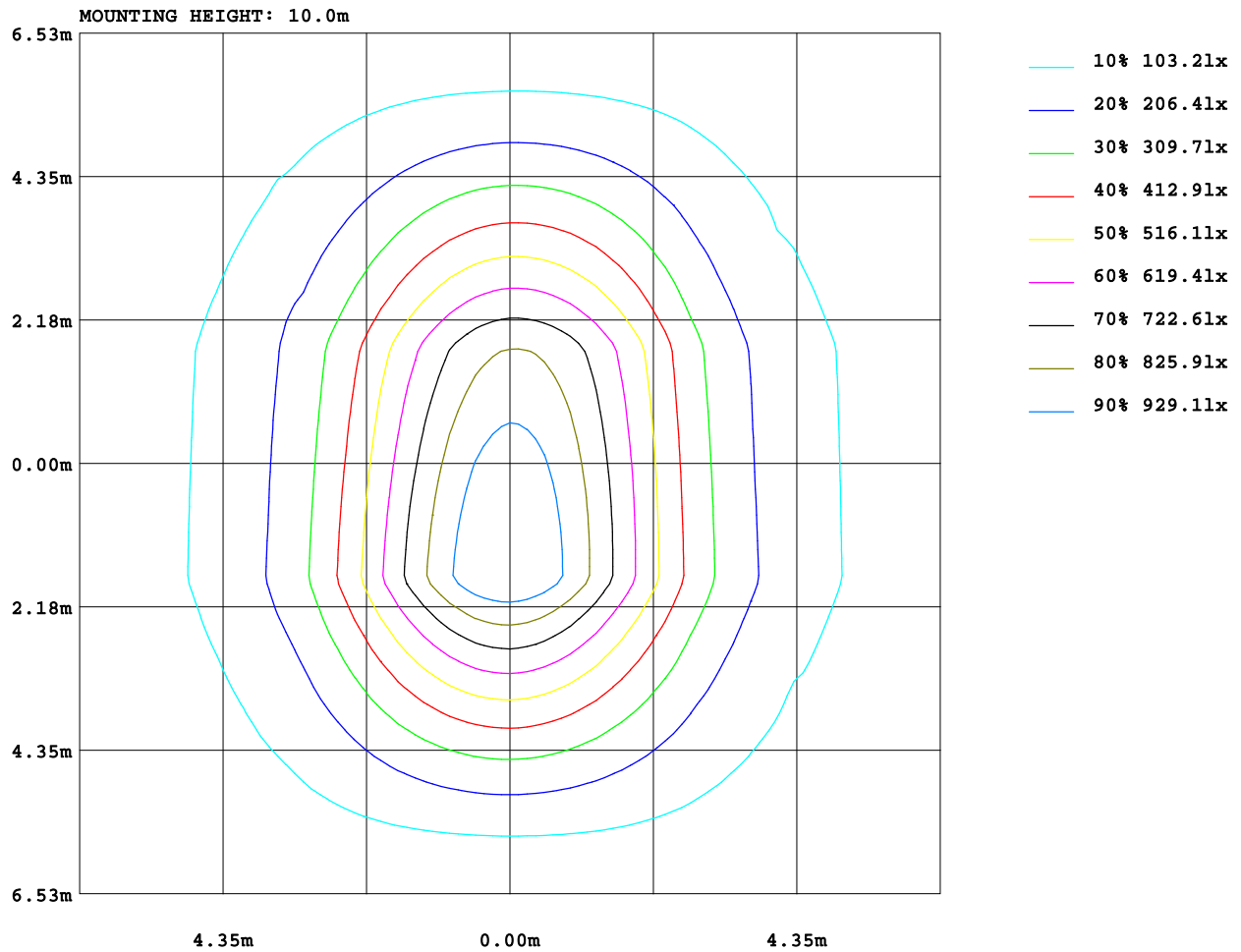
Test System:HOPPO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月19日

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.:



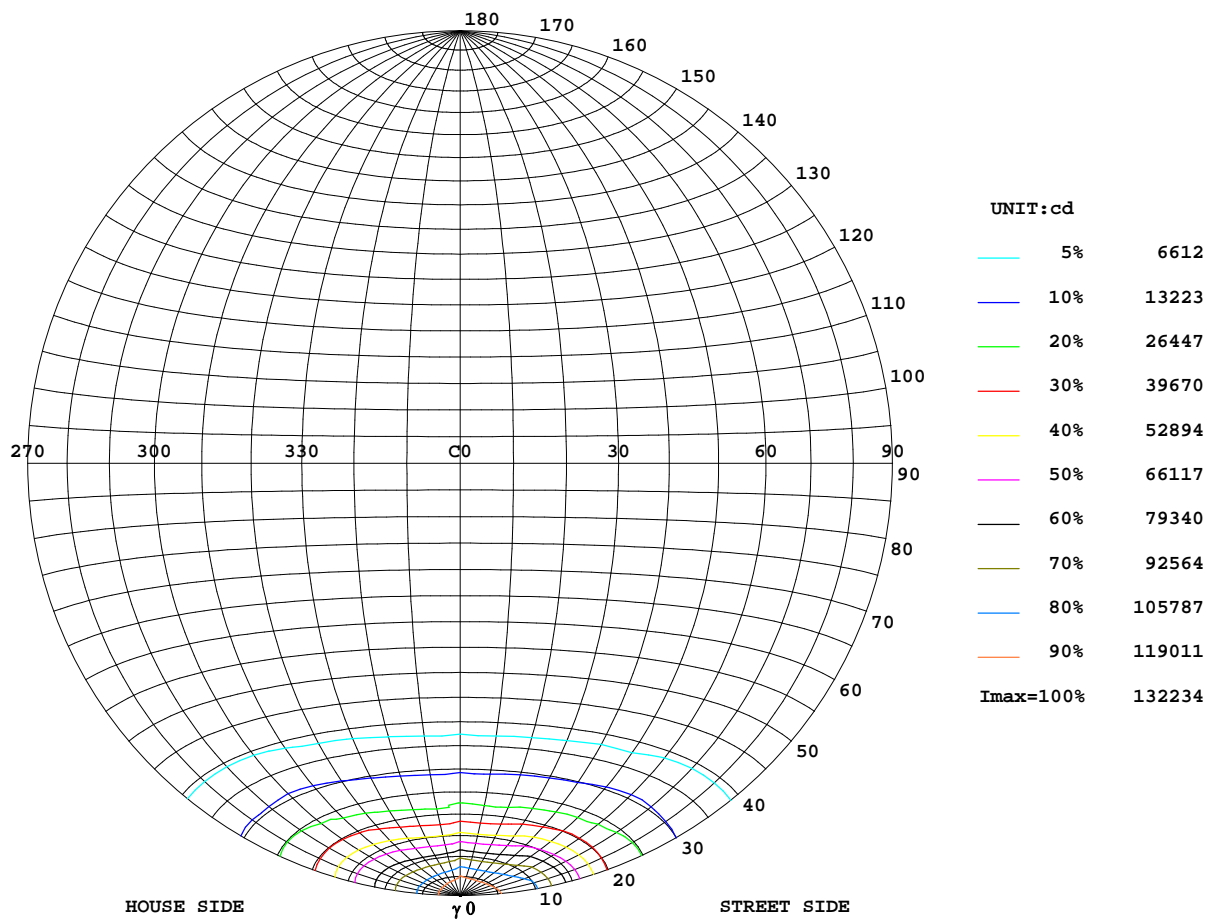
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月19日

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

ISOCANDELA DIAGRAM

Report number:

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



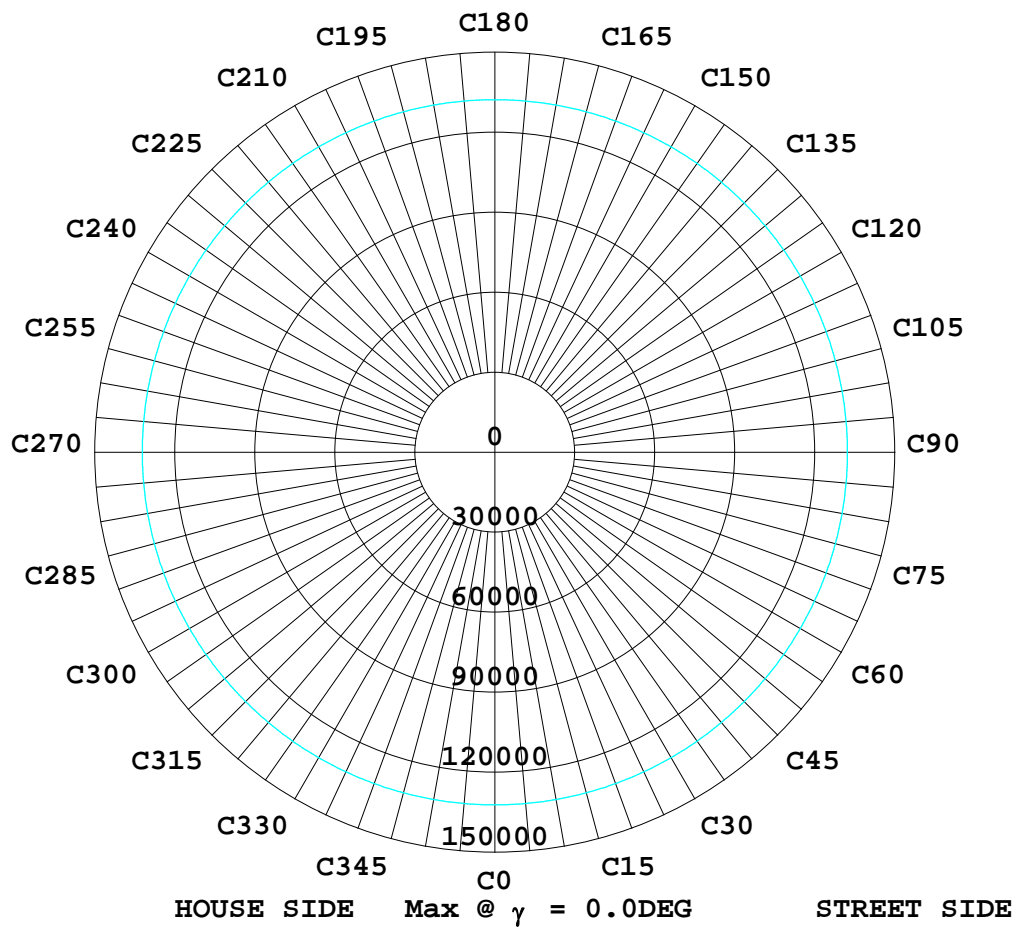
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月19日

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
Operators:
Test Date:2017年07月19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: ×100cd

H(°) \ V(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20
-90.0	0.06	0.06	0.06	0.06	0.06	0.06	0.21	0.41	0.64	0.81	0.88	1.08	1.37	1.68	2.07
-85.0	0.06	0.06	0.06	0.06	0.06	0.06	0.21	0.41	0.64	0.81	0.88	1.08	1.37	1.68	2.07
-80.0	0.08	0.11	0.14	1.47	3.56	4.76	5.98	6.55	6.97	7.40	7.62	7.83	7.96	7.77	7.58
-75.0	0.08	0.11	0.14	1.47	3.56	4.76	5.98	6.55	6.97	7.40	7.62	7.83	7.96	7.77	7.58
-70.0	0.06	0.06	1.46	4.00	6.36	7.23	8.01	8.36	8.68	8.91	9.13	9.66	10.4	11.2	11.5
-65.0	0.06	0.06	1.46	4.00	6.36	7.23	8.01	8.36	8.68	8.91	9.13	9.66	10.4	11.2	11.5
-60.0	0.11	0.26	2.74	5.98	7.36	8.10	8.96	9.76	10.9	12.3	13.6	15.0	16.1	17.0	17.6
-55.0	0.11	0.26	2.74	5.98	7.36	8.10	8.96	9.76	10.9	12.3	13.6	15.0	16.1	17.0	17.6
-50.0	0.06	0.80	3.47	6.60	7.81	8.78	10.3	12.3	14.2	16.0	17.9	20.2	22.0	23.6	25.2
-45.0	0.06	0.80	3.47	6.60	7.81	8.78	10.3	12.3	14.2	16.0	17.9	20.2	22.0	23.6	25.2
-40.0	0.12	1.35	4.53	7.33	8.52	9.96	12.3	14.7	16.9	19.6	22.5	26.1	30.2	34.8	40.0
-35.0	0.12	1.35	4.53	7.33	8.52	9.96	12.3	14.7	16.9	19.6	22.5	26.1	30.2	34.8	40.0
-30.0	0.06	1.27	5.40	7.64	8.92	11.0	13.7	16.4	19.4	23.2	28.3	35.9	45.9	58.5	74.9
-25.0	0.06	1.27	5.40	7.64	8.92	11.0	13.7	16.4	19.4	23.2	28.3	35.9	45.9	58.5	74.9
-20.0	0.12	1.56	6.58	8.10	9.59	12.0	15.0	18.0	21.7	27.5	36.2	50.5	71.7	102	147
-15.0	0.12	1.56	6.58	8.10	9.59	12.0	15.0	18.0	21.7	27.5	36.2	50.5	71.7	102	147
-10.0	0.06	1.32	6.88	8.13	9.88	12.6	15.7	18.9	23.7	31.4	43.5	65.3	100	157	261
-5.0	0.06	1.32	6.88	8.13	9.88	12.6	15.7	18.9	23.7	31.4	43.5	65.3	100	157	261
0.0	0.13	0.99	7.05	8.34	10.1	12.9	16.2	19.5	24.5	32.8	46.3	70.7	111	178	308
5.0	0.13	0.99	7.05	8.34	10.1	12.9	16.2	19.5	24.5	32.8	46.3	70.7	111	178	308
10.0	0.06	2.35	6.82	8.18	9.92	12.5	15.7	18.8	23.7	31.1	43.1	63.8	96.4	147	233
15.0	0.06	2.35	6.82	8.18	9.92	12.5	15.7	18.8	23.7	31.1	43.1	63.8	96.4	147	233
20.0	0.13	2.50	6.80	8.27	9.72	12.1	15.0	18.0	21.8	27.6	36.5	50.6	71.5	101	143
25.0	0.13	2.50	6.80	8.27	9.72	12.1	15.0	18.0	21.8	27.6	36.5	50.6	71.5	101	143
30.0	0.06	2.00	6.34	7.89	9.07	11.2	13.9	16.5	19.5	23.4	28.7	36.5	47.0	60.3	77.2
35.0	0.06	2.00	6.34	7.89	9.07	11.2	13.9	16.5	19.5	23.4	28.7	36.5	47.0	60.3	77.2
40.0	0.12	1.37	5.82	7.57	8.58	10.1	12.5	14.8	17.1	19.8	22.6	26.3	30.6	35.6	41.5
45.0	0.12	1.37	5.82	7.57	8.58	10.1	12.5	14.8	17.1	19.8	22.6	26.3	30.6	35.6	41.5
50.0	0.06	1.22	4.61	6.91	8.03	8.99	10.7	12.6	14.5	16.3	18.5	20.4	22.1	23.7	25.5
55.0	0.06	1.22	4.61	6.91	8.03	8.99	10.7	12.6	14.5	16.3	18.5	20.4	22.1	23.7	25.5
60.0	0.11	0.45	2.96	6.13	7.54	8.36	9.09	10.1	11.4	12.8	14.2	15.5	16.6	17.4	18.1
65.0	0.11	0.45	2.96	6.13	7.54	8.36	9.09	10.1	11.4	12.8	14.2	15.5	16.6	17.4	18.1
70.0	0.07	0.07	1.70	4.35	6.25	7.17	7.91	8.49	8.71	9.05	9.69	10.7	11.7	12.2	12.3
75.0	0.07	0.07	1.70	4.35	6.25	7.17	7.91	8.49	8.71	9.05	9.69	10.7	11.7	12.2	12.3
80.0	0.10	0.12	0.31	2.39	4.20	5.37	5.91	6.35	6.90	7.55	7.95	8.05	8.04	8.06	8.03
85.0	0.10	0.12	0.31	2.39	4.20	5.37	5.91	6.35	6.90	7.55	7.95	8.05	8.04	8.06	8.03
90.0	0.07	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.13	0.16	0.20	0.27	0.32	0.35	0.42

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月19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: ×100cd

H(°) \ V(°)	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55
-90.0	2.23	2.15	1.77	1.12	0.96	1.28	1.62	1.64	1.41	1.13	0.82	0.64	0.55	0.48	0.40
-85.0	2.23	2.15	1.77	1.12	0.96	1.28	1.62	1.64	1.41	1.13	0.82	0.64	0.55	0.48	0.40
-80.0	7.36	6.94	6.51	6.37	6.29	6.19	6.35	6.45	6.45	6.47	6.48	6.38	6.14	6.05	5.75
-75.0	7.36	6.94	6.51	6.37	6.29	6.19	6.35	6.45	6.45	6.47	6.48	6.38	6.14	6.05	5.75
-70.0	11.2	10.8	10.6	10.7	10.7	10.5	10.5	10.8	10.6	10.0	9.11	8.36	8.02	7.80	7.53
-65.0	11.2	10.8	10.6	10.7	10.7	10.5	10.5	10.8	10.6	10.0	9.11	8.36	8.02	7.80	7.53
-60.0	17.9	18.2	18.8	20.3	20.0	18.5	17.8	17.4	16.8	15.8	14.6	13.2	11.6	10.3	9.18
-55.0	17.9	18.2	18.8	20.3	20.0	18.5	17.8	17.4	16.8	15.8	14.6	13.2	11.6	10.3	9.18
-50.0	26.7	28.3	29.8	30.8	30.7	29.3	27.4	25.6	23.8	22.1	20.3	18.1	15.8	13.9	12.0
-45.0	26.7	28.3	29.8	30.8	30.7	29.3	27.4	25.6	23.8	22.1	20.3	18.1	15.8	13.9	12.0
-40.0	45.6	50.6	54.6	56.9	56.1	52.6	47.6	42.0	36.4	31.4	27.1	23.0	19.7	17.0	14.4
-35.0	45.6	50.6	54.6	56.9	56.1	52.6	47.6	42.0	36.4	31.4	27.1	23.0	19.7	17.0	14.4
-30.0	93.7	112	126	132	128	115	97.3	79.2	62.5	48.8	38.5	30.3	23.8	19.8	16.7
-25.0	93.7	112	126	132	128	115	97.3	79.2	62.5	48.8	38.5	30.3	23.8	19.8	16.7
-20.0	208	283	356	389	364	296	221	158	111	77.7	55.5	40.0	29.1	22.6	18.1
-15.0	208	283	356	389	364	296	221	158	111	77.7	55.5	40.0	29.1	22.6	18.1
-10.0	453	725	980	1081	964	715	455	274	170	109	72.5	48.9	33.6	25.1	19.4
-5.0	453	725	980	1081	964	715	455	274	170	109	72.5	48.9	33.6	25.1	19.4
0.0	564	902	1206	1322	1195	896	570	329	196	123	80.1	53.3	35.8	26.2	19.9
5.0	564	902	1206	1322	1195	896	570	329	196	123	80.1	53.3	35.8	26.2	19.9
10.0	376	571	769	864	807	630	406	249	161	106	71.7	48.8	33.5	25.1	19.4
15.0	376	571	769	864	807	630	406	249	161	106	71.7	48.8	33.5	25.1	19.4
20.0	200	269	341	381	363	298	219	157	111	78.6	56.2	40.5	29.3	22.8	18.2
25.0	200	269	341	381	363	298	219	157	111	78.6	56.2	40.5	29.3	22.8	18.2
30.0	96.3	115	130	137	133	119	101	81.8	64.4	49.9	39.0	30.5	23.9	19.9	16.7
35.0	96.3	115	130	137	133	119	101	81.8	64.4	49.9	39.0	30.5	23.9	19.9	16.7
40.0	47.5	53.1	57.4	59.3	57.8	53.9	48.6	42.7	36.7	31.4	27.2	22.9	19.6	17.2	14.5
45.0	47.5	53.1	57.4	59.3	57.8	53.9	48.6	42.7	36.7	31.4	27.2	22.9	19.6	17.2	14.5
50.0	27.4	29.2	30.8	31.6	30.9	29.3	27.4	25.6	23.9	22.2	20.4	18.4	16.1	14.1	12.3
55.0	27.4	29.2	30.8	31.6	30.9	29.3	27.4	25.6	23.9	22.2	20.4	18.4	16.1	14.1	12.3
60.0	18.5	18.9	20.0	21.1	20.1	19.1	18.6	18.2	17.5	16.4	15.0	13.7	12.2	10.9	9.80
65.0	18.5	18.9	20.0	21.1	20.1	19.1	18.6	18.2	17.5	16.4	15.0	13.7	12.2	10.9	9.80
70.0	12.0	11.6	11.6	11.9	11.7	11.6	11.9	12.2	11.8	11.1	10.1	9.22	8.61	8.23	8.32
75.0	12.0	11.6	11.6	11.9	11.7	11.6	11.9	12.2	11.8	11.1	10.1	9.22	8.61	8.23	8.32
80.0	7.60	7.11	6.83	6.86	7.04	7.43	7.95	8.27	8.18	8.04	8.00	7.89	7.77	7.55	7.15
85.0	7.60	7.11	6.83	6.86	7.04	7.43	7.95	8.27	8.18	8.04	8.00	7.89	7.77	7.55	7.15
90.0	0.57	0.58	0.54	0.48	0.62	0.73	0.81	0.86	0.87	0.81	0.72	0.63	0.46	0.34	0.22

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月19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: ×100cd

H(°) \ V(°)	60	65	70	75	80	85	90
-90.0	0.23	0.08	0.06	0.06	0.05	0.05	0.04
-85.0	0.23	0.08	0.06	0.06	0.05	0.05	0.04
-80.0	5.34	4.24	3.31	1.81	0.54	0.04	0.04
-75.0	5.34	4.24	3.31	1.81	0.54	0.04	0.04
-70.0	7.21	7.08	6.61	5.09	2.53	0.78	0.10
-65.0	7.21	7.08	6.61	5.09	2.53	0.78	0.10
-60.0	8.31	7.72	7.06	6.33	4.11	1.53	0.06
-55.0	8.31	7.72	7.06	6.33	4.11	1.53	0.06
-50.0	10.3	8.71	7.79	7.17	5.74	1.92	0.13
-45.0	10.3	8.71	7.79	7.17	5.74	1.92	0.13
-40.0	12.1	10.0	8.21	7.36	6.35	2.42	0.06
-35.0	12.1	10.0	8.21	7.36	6.35	2.42	0.06
-30.0	13.6	11.2	9.12	7.75	7.17	3.13	0.14
-25.0	13.6	11.2	9.12	7.75	7.17	3.13	0.14
-20.0	14.9	12.0	9.70	7.87	7.20	3.84	0.06
-15.0	14.9	12.0	9.70	7.87	7.20	3.84	0.06
-10.0	16.3	12.7	10.2	8.24	7.42	5.39	0.15
-5.0	16.3	12.7	10.2	8.24	7.42	5.39	0.15
0.0	17.2	13.0	10.3	8.24	7.33	5.42	0.07
5.0	17.2	13.0	10.3	8.24	7.33	5.42	0.07
10.0	16.7	12.8	10.2	8.31	7.50	5.57	0.16
15.0	16.7	12.8	10.2	8.31	7.50	5.57	0.16
20.0	15.2	12.1	9.83	7.98	7.37	5.07	0.06
25.0	15.2	12.1	9.83	7.98	7.37	5.07	0.06
30.0	13.8	11.3	9.30	7.80	7.59	4.63	0.15
35.0	13.8	11.3	9.30	7.80	7.59	4.63	0.15
40.0	12.3	10.1	8.44	7.54	7.26	3.74	0.06
45.0	12.3	10.1	8.44	7.54	7.26	3.74	0.06
50.0	10.6	8.98	7.82	7.48	6.82	3.13	0.13
55.0	10.6	8.98	7.82	7.48	6.82	3.13	0.13
60.0	8.64	7.95	7.66	7.00	5.32	1.78	0.06
65.0	8.64	7.95	7.66	7.00	5.32	1.78	0.06
70.0	8.24	7.67	7.10	5.90	2.72	0.62	0.10
75.0	8.24	7.67	7.10	5.90	2.72	0.62	0.10
80.0	6.96	6.12	4.83	3.51	0.97	0.06	0.06
85.0	6.96	6.12	4.83	3.51	0.97	0.06	0.06
90.0	0.09	0.06	0.05	0.05	0.05	0.05	0.04

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月19日

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