

LAMP PHOTOMETRIC REPORT

MODEL:

POWER: 396W

VOLTAGE: 218V

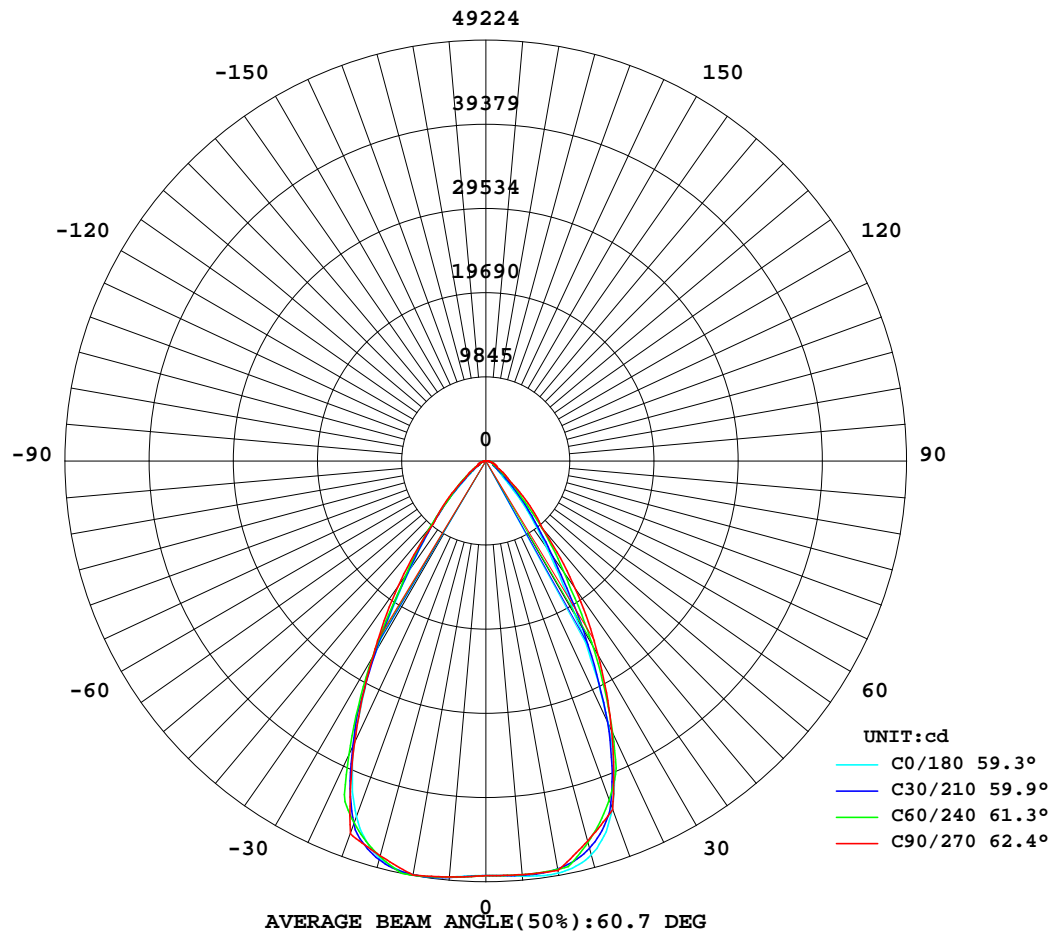
WORKING VOLTAGE: 218.8V

MANUFACTURER: LI TIAN

TOTAL FLUX: 51991 lm

Efficiency: 132.73 lm/W

Test: U: 218.8V I: 1.832A P: 391.7W PF: 0.976



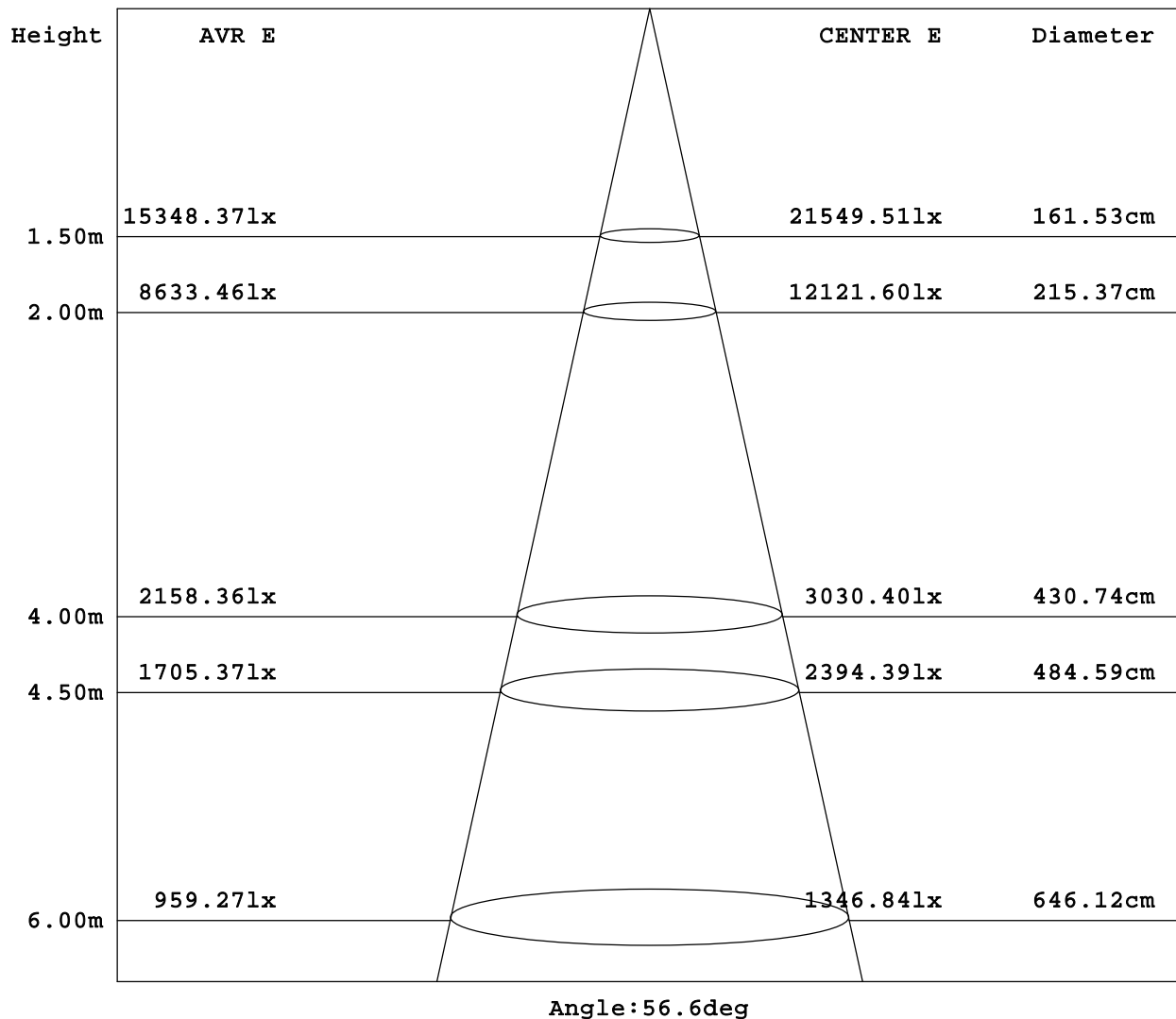
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月19日

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.:	

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	2.62	5.07	7.85	10.4	13.4	15.7	16.5	16.0	18.1	17.8	16.1	16.2	14.8	12.3	9.74	7.43	5.10	2.75	208	0.00		
64	3.41	6.63	9.99	13.2	16.1	18.4	19.6	21.1	25.2	26.5	22.3	20.3	18.1	15.2	12.3	9.46	6.61	3.68	269	0.00		
56	4.05	7.71	11.0	14.5	18.5	23.4	28.7	34.7	41.4	45.1	37.3	30.5	24.2	18.3	13.9	10.6	7.50	4.50	377	0.00		
48	5.01	8.57	11.7	15.4	29.5	46.9	63.0	80.2	96.2	96.8	84.5	67.6	48.4	29.3	15.6	10.8	7.96	4.65	723	138		
40	4.93	8.56	11.9	23.1	46.9	82.7	139	198	242	250	220	164	106	59.7	28.1	12.9	8.21	5.22	1612	1355		
32	5.48	8.93	15.0	35.2	82.9	163	285	426	518	519	431	297	181	95.8	38.4	15.4	8.52	5.44	3132	2952		
24	5.80	9.20	17.7	45.1	119	255	479	700	818	821	712	514	299	151	60.8	20.2	9.13	5.63	5041	4896		
VERTICAL (DEG)	5.85	9.46	19.6	54.4	155	359	692	938	1033	1043	971	757	434	209	88.4	25.9	9.99	5.88	6810	6682		
	6.25	9.97	24.0	78.4	210	519	862	994	1011	1008	969	802	479	212	83.2	24.8	10.1	6.08	7310	7186		
	6.30	11.0	21.7	59.2	176	441	788	933	948	948	948	854	584	263	106	32.0	12.3	6.78	7138	7008		
	6.26	10.0	21.6	63.8	178	434	770	927	957	957	927	780	471	207	80.8	24.9	9.94	5.84	6830	6698		
-24	5.85	9.07	18.2	52.1	142	323	604	829	918	922	846	642	337	152	59.8	19.7	8.58	5.30	5894	5764		
-32	5.23	8.59	12.6	25.3	72.8	131	306	588	744	752	640	432	224	114	49.8	18.7	9.04	5.47	4138	3963		
-40	5.21	8.65	12.3	23.3	52.9	87.0	106	170	264	260	161	75.0	56.0	38.5	15.4	10.9	7.65	4.97	1359	1059		
-48	4.38	7.96	10.7	13.3	18.7	30.6	45.2	54.2	61.4	67.4	63.7	57.5	42.7	31.1	19.0	10.5	7.92	4.78	552	206		
-56	3.99	7.42	10.4	11.4	12.8	16.4	17.5	17.2	18.4	18.7	15.6	15.8	16.4	14.1	11.4	9.52	7.19	4.13	229	0.00		
-64	3.25	6.43	9.56	11.3	11.4	9.54	6.91	6.55	6.51	8.71	6.62	6.39	7.37	7.49	8.48	8.64	6.17	3.49	135	0.00		
-72	2.18	4.85	7.61	10.3	10.1	7.35	5.36	4.31	4.10	5.67	4.25	4.72	6.14	8.63	9.53	7.23	4.85	2.79	110	0.00		
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	86.1	148	254	561	1366	2962	5232	6938	7725	7768	7076	5536	3348	1639	712	280	147	87.4	51991			
Φ a	0.00	0.00	0.00	160	1066	2707	5020	6728	7552	7587	6873	5325	3134	1387	367	0.00	0.00	0.00		47243		

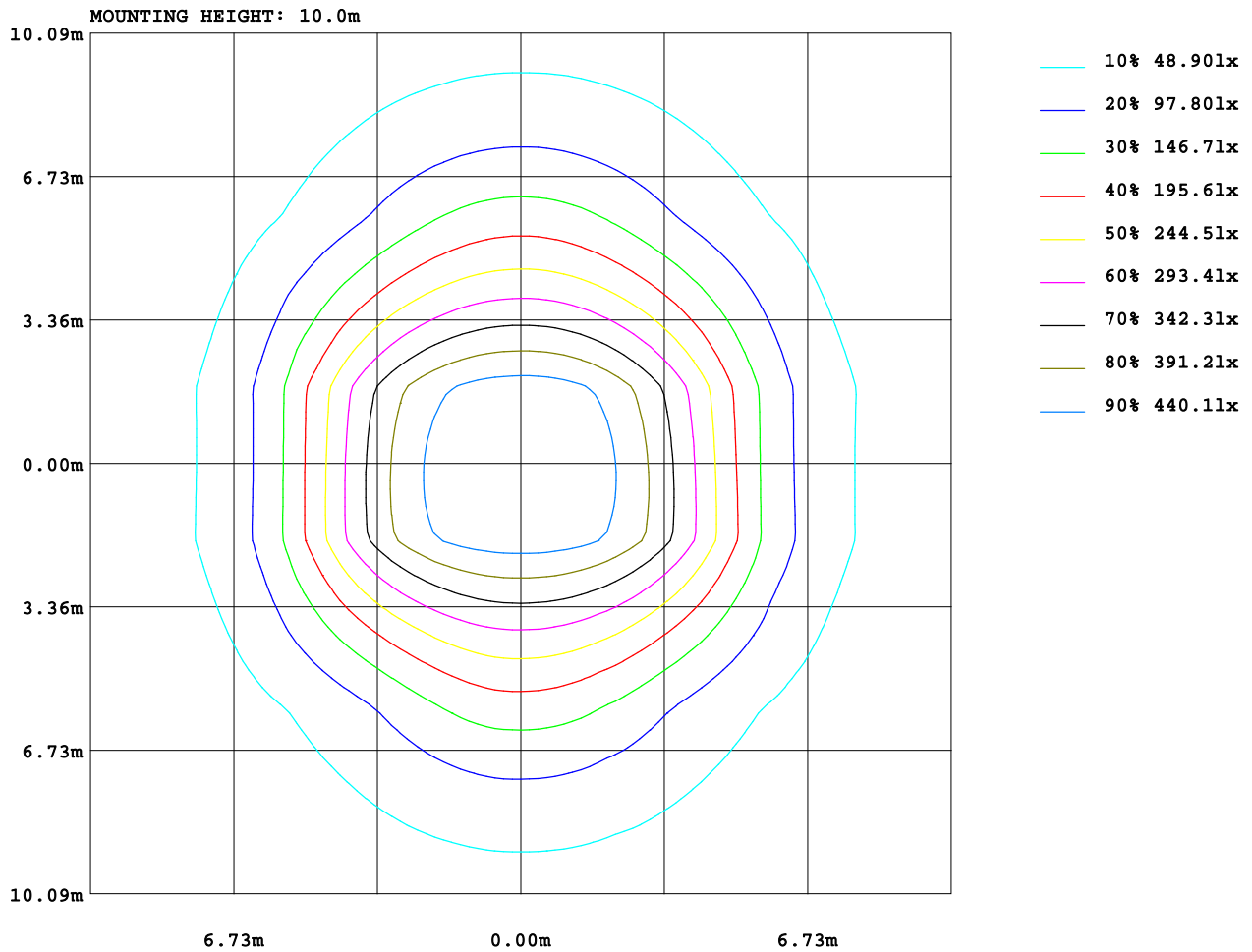
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月19日

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

ISOLUX DIAGRAM

Report number:

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



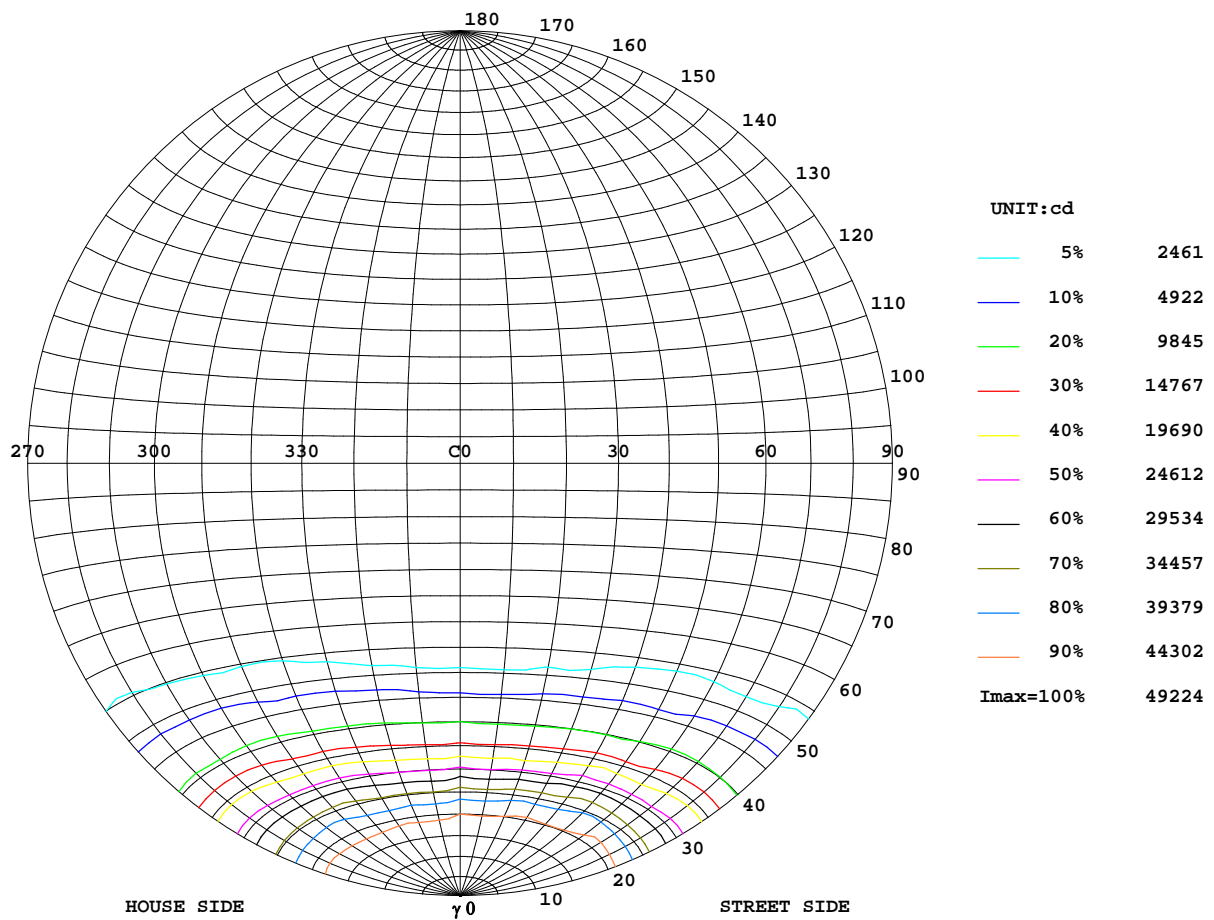
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月19日

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

Report number:

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



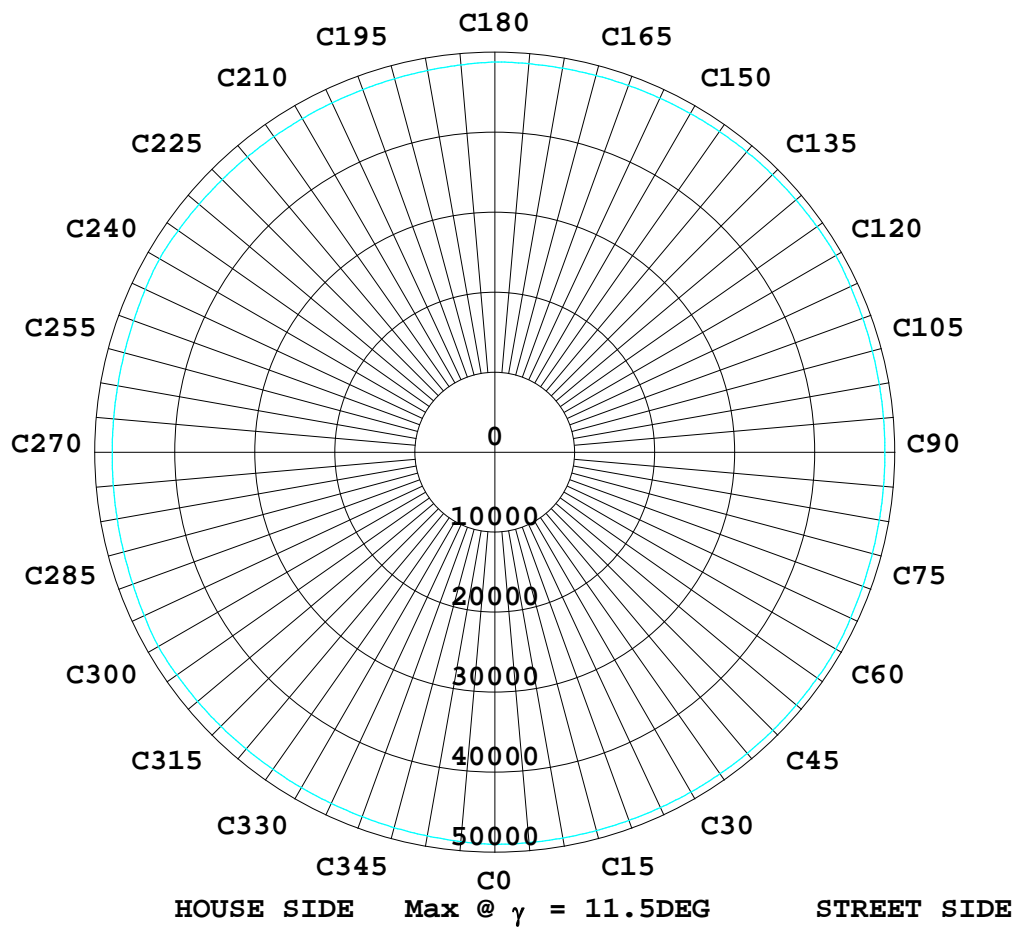
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月19日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
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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: ×10cd

H(°) \ V(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20
-90.0	0.62	0.56	0.54	0.58	0.62	0.70	1.35	2.05	3.03	3.62	4.18	5.67	6.86	8.61	10.1
-85.0	0.62	0.56	0.54	0.58	0.62	0.70	1.35	2.05	3.03	3.62	4.18	5.67	6.86	8.61	10.1
-80.0	0.65	0.79	0.84	4.22	11.8	16.3	18.9	21.8	24.4	26.4	28.9	31.0	33.0	35.7	38.8
-75.0	0.65	0.79	0.84	4.22	11.8	16.3	18.9	21.8	24.4	26.4	28.9	31.0	33.0	35.7	38.8
-70.0	0.49	0.52	6.39	14.6	24.4	33.4	42.1	51.4	58.4	62.6	67.2	72.8	77.1	79.6	79.4
-65.0	0.49	0.52	6.39	14.6	24.4	33.4	42.1	51.4	58.4	62.6	67.2	72.8	77.1	79.6	79.4
-60.0	0.83	1.23	10.6	22.2	35.4	49.1	63.1	72.5	78.9	86.4	90.5	92.1	93.2	96.1	98.1
-55.0	0.83	1.23	10.6	22.2	35.4	49.1	63.1	72.5	78.9	86.4	90.5	92.1	93.2	96.1	98.1
-50.0	0.54	3.80	15.6	33.4	49.3	65.5	77.1	86.6	92.7	97.5	110	140	173	202	230
-45.0	0.54	3.80	15.6	33.4	49.3	65.5	77.1	86.6	92.7	97.5	110	140	173	202	230
-40.0	0.94	3.42	16.0	37.6	56.3	72.6	84.2	92.7	99.4	119	165	232	331	440	572
-35.0	0.94	3.42	16.0	37.6	56.3	72.6	84.2	92.7	99.4	119	165	232	331	440	572
-30.0	0.55	6.19	27.2	47.6	67.1	81.1	91.1	97.9	127	185	320	524	750	1040	1390
-25.0	0.55	6.19	27.2	47.6	67.1	81.1	91.1	97.9	127	185	320	524	750	1040	1390
-20.0	0.98	4.31	26.7	48.3	70.5	84.7	93.0	106	154	233	478	791	1213	1855	2788
-15.0	0.98	4.31	26.7	48.3	70.5	84.7	93.0	106	154	233	478	791	1213	1855	2788
-10.0	0.53	6.30	33.4	55.9	78.1	93.0	97.8	133	209	376	736	1208	2015	3194	4195
-5.0	0.53	6.30	33.4	55.9	78.1	93.0	97.8	133	209	376	736	1208	2015	3194	4195
0.0	0.97	4.82	31.5	52.2	76.6	95.8	107	140	205	347	715	1196	2013	3257	4255
5.0	0.97	4.82	31.5	52.2	76.6	95.8	107	140	205	347	715	1196	2013	3257	4255
10.0	0.49	11.8	33.7	55.8	76.2	89.3	95.2	133	208	379	732	1193	1986	3087	4019
15.0	0.49	11.8	33.7	55.8	76.2	89.3	95.2	133	208	379	732	1193	1986	3087	4019
20.0	0.99	7.58	30.2	49.2	70.6	84.9	93.3	111	165	256	500	807	1245	1925	2782
25.0	0.99	7.58	30.2	49.2	70.6	84.9	93.3	111	165	256	500	807	1245	1925	2782
30.0	0.53	9.76	31.5	49.0	67.7	81.7	90.9	101	141	211	347	546	790	1103	1490
35.0	0.53	9.76	31.5	49.0	67.7	81.7	90.9	101	141	211	347	546	790	1103	1490
40.0	0.92	4.71	21.8	40.1	58.0	74.1	85.8	92.2	101	132	197	270	355	474	612
45.0	0.92	4.71	21.8	40.1	58.0	74.1	85.8	92.2	101	132	197	270	355	474	612
50.0	0.57	6.06	21.0	36.1	52.3	68.6	79.4	88.0	91.4	97.7	120	160	195	225	254
55.0	0.57	6.06	21.0	36.1	52.3	68.6	79.4	88.0	91.4	97.7	120	160	195	225	254
60.0	0.77	1.30	12.1	26.1	38.1	53.5	65.8	73.9	81.7	89.1	91.2	93.8	96.5	100	104
65.0	0.77	1.30	12.1	26.1	38.1	53.5	65.8	73.9	81.7	89.1	91.2	93.8	96.5	100	104
70.0	0.60	0.57	8.21	16.7	29.1	37.6	47.3	55.8	61.9	66.5	72.6	79.2	82.5	83.2	80.9
75.0	0.60	0.57	8.21	16.7	29.1	37.6	47.3	55.8	61.9	66.5	72.6	79.2	82.5	83.2	80.9
80.0	0.73	0.85	1.03	7.83	14.1	19.0	22.9	27.6	30.4	33.4	36.6	39.3	43.1	47.5	49.2
85.0	0.73	0.85	1.03	7.83	14.1	19.0	22.9	27.6	30.4	33.4	36.6	39.3	43.1	47.5	49.2
90.0	0.60	0.57	0.54	0.55	0.54	0.55	0.54	0.54	0.64	0.86	1.21	1.76	2.34	2.66	3.23

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: ×10cd

H(°) \ V(°)	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55
-90.0	11.1	10.8	7.93	5.36	5.12	6.54	9.06	8.38	6.78	5.40	3.93	3.08	2.54	2.14	1.59
-85.0	11.1	10.8	7.93	5.36	5.12	6.54	9.06	8.38	6.78	5.40	3.93	3.08	2.54	2.14	1.59
-80.0	38.4	33.9	31.7	30.8	30.4	30.3	31.0	33.3	34.1	31.1	28.5	27.0	26.1	23.7	20.5
-75.0	38.4	33.9	31.7	30.8	30.4	30.3	31.0	33.3	34.1	31.1	28.5	27.0	26.1	23.7	20.5
-70.0	76.3	73.4	76.2	84.8	80.5	74.5	71.9	74.6	74.2	71.9	67.1	61.3	56.5	52.4	48.4
-65.0	76.3	73.4	76.2	84.8	80.5	74.5	71.9	74.6	74.2	71.9	67.1	61.3	56.5	52.4	48.4
-60.0	101	103	105	120	128	104	102	97.4	95.1	92.3	87.4	85.5	81.5	75.3	68.1
-55.0	101	103	105	120	128	104	102	97.4	95.1	92.3	87.4	85.5	81.5	75.3	68.1
-50.0	255	278	299	319	315	279	259	237	213	181	144	111	93.2	86.2	82.2
-45.0	255	278	299	319	315	279	259	237	213	181	144	111	93.2	86.2	82.2
-40.0	700	814	904	958	946	873	765	643	511	392	303	221	150	106	87.4
-35.0	700	814	904	958	946	873	765	643	511	392	303	221	150	106	87.4
-30.0	1816	2239	2544	2637	2543	2263	1880	1456	1094	800	560	356	208	141	99.2
-25.0	1816	2239	2544	2637	2543	2263	1880	1456	1094	800	560	356	208	141	99.2
-20.0	3681	4259	4550	4639	4590	4395	3988	3302	2411	1587	1050	690	375	209	134
-15.0	3681	4259	4550	4639	4590	4395	3988	3302	2411	1587	1050	690	375	209	134
-10.0	4714	4894	4922	4918	4922	4885	4679	4164	3235	2089	1319	835	445	226	141
-5.0	4714	4894	4922	4918	4922	4885	4679	4164	3235	2089	1319	835	445	226	141
0.0	4741	4889	4878	4849	4880	4915	4824	4482	3741	2715	1651	1031	608	304	173
5.0	4741	4889	4878	4849	4880	4915	4824	4482	3741	2715	1651	1031	608	304	173
10.0	4544	4772	4849	4863	4859	4767	4484	3924	3041	2056	1309	849	465	229	143
15.0	4544	4772	4849	4863	4859	4767	4484	3924	3041	2056	1309	849	465	229	143
20.0	3514	3990	4245	4336	4297	4108	3716	3103	2338	1597	1103	732	414	214	133
25.0	3514	3990	4245	4336	4297	4108	3716	3103	2338	1597	1103	732	414	214	133
30.0	1922	2297	2545	2631	2549	2303	1940	1536	1174	878	617	398	221	142	101
35.0	1922	2297	2545	2631	2549	2303	1940	1536	1174	878	617	398	221	142	101
40.0	752	879	981	1033	1024	956	852	719	580	445	332	231	156	110	89.0
45.0	752	879	981	1033	1024	956	852	719	580	445	332	231	156	110	89.0
50.0	286	318	356	369	366	333	305	271	233	199	157	118	96.9	86.7	82.3
55.0	286	318	356	369	366	333	305	271	233	199	157	118	96.9	86.7	82.3
60.0	107	114	120	152	135	121	114	108	102	96.4	90.6	87.2	83.4	78.4	72.0
65.0	107	114	120	152	135	121	114	108	102	96.4	90.6	87.2	83.4	78.4	72.0
70.0	76.9	76.2	80.4	97.7	80.1	77.6	78.0	80.9	79.8	77.4	72.9	66.8	62.3	58.0	53.3
75.0	76.9	76.2	80.4	97.7	80.1	77.6	78.0	80.9	79.8	77.4	72.9	66.8	62.3	58.0	53.3
80.0	44.8	40.0	39.0	39.4	38.7	38.5	40.6	44.5	43.6	40.0	36.5	34.3	32.9	30.7	27.2
85.0	44.8	40.0	39.0	39.4	38.7	38.5	40.6	44.5	43.6	40.0	36.5	34.3	32.9	30.7	27.2
90.0	3.63	3.26	2.65	2.37	2.41	2.82	3.47	3.75	3.66	3.26	2.84	2.44	1.81	1.49	0.95

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 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: ×10cd

H(°) \ V(°)	60	65	70	75	80	85	90
-90.0	0.99	0.60	0.47	0.44	0.42	0.40	0.35
-85.0	0.99	0.60	0.47	0.44	0.42	0.40	0.35
-80.0	18.9	17.8	13.4	6.19	0.74	0.34	0.35
-75.0	18.9	17.8	13.4	6.19	0.74	0.34	0.35
-70.0	43.0	34.8	25.6	18.6	8.92	1.24	0.73
-65.0	43.0	34.8	25.6	18.6	8.92	1.24	0.73
-60.0	61.6	53.6	43.5	29.8	18.6	5.94	0.46
-55.0	61.6	53.6	43.5	29.8	18.6	5.94	0.46
-50.0	74.0	63.9	52.1	39.0	21.8	8.07	0.90
-45.0	74.0	63.9	52.1	39.0	21.8	8.07	0.90
-40.0	82.9	74.1	61.9	48.3	32.6	12.7	0.64
-35.0	82.9	74.1	61.9	48.3	32.6	12.7	0.64
-30.0	84.1	78.3	66.1	51.5	34.4	13.0	0.95
-25.0	84.1	78.3	66.1	51.5	34.4	13.0	0.95
-20.0	92.3	81.8	72.5	58.4	42.1	20.3	1.24
-15.0	92.3	81.8	72.5	58.4	42.1	20.3	1.24
-10.0	91.8	82.3	73.5	59.3	41.1	18.1	0.82
-5.0	91.8	82.3	73.5	59.3	41.1	18.1	0.82
0.0	113	95.9	82.8	64.8	44.9	25.5	1.47
5.0	113	95.9	82.8	64.8	44.9	25.5	1.47
10.0	96.4	86.4	75.8	60.7	41.4	24.8	0.63
15.0	96.4	86.4	75.8	60.7	41.4	24.8	0.63
20.0	92.1	81.1	73.3	60.4	42.9	24.9	2.18
25.0	92.1	81.1	73.3	60.4	42.9	24.9	2.18
30.0	84.7	79.1	67.2	53.1	37.0	20.6	0.80
35.0	84.7	79.1	67.2	53.1	37.0	20.6	0.80
40.0	81.6	74.6	63.0	50.0	35.6	20.5	1.21
45.0	81.6	74.6	63.0	50.0	35.6	20.5	1.21
50.0	75.7	65.6	53.2	41.5	26.9	11.7	0.89
55.0	75.7	65.6	53.2	41.5	26.9	11.7	0.89
60.0	65.0	56.7	45.7	33.6	22.3	8.03	0.50
65.0	65.0	56.7	45.7	33.6	22.3	8.03	0.50
70.0	47.9	40.3	28.7	21.4	12.2	2.26	0.74
75.0	47.9	40.3	28.7	21.4	12.2	2.26	0.74
80.0	23.2	20.1	16.6	11.5	3.86	0.44	0.44
85.0	23.2	20.1	16.6	11.5	3.86	0.44	0.44
90.0	0.53	0.38	0.35	0.33	0.33	0.31	0.31

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: