

LAMP PHOTOMETRIC REPORT

MODEL:

POWER: 198W

VOLTAGE: 220V

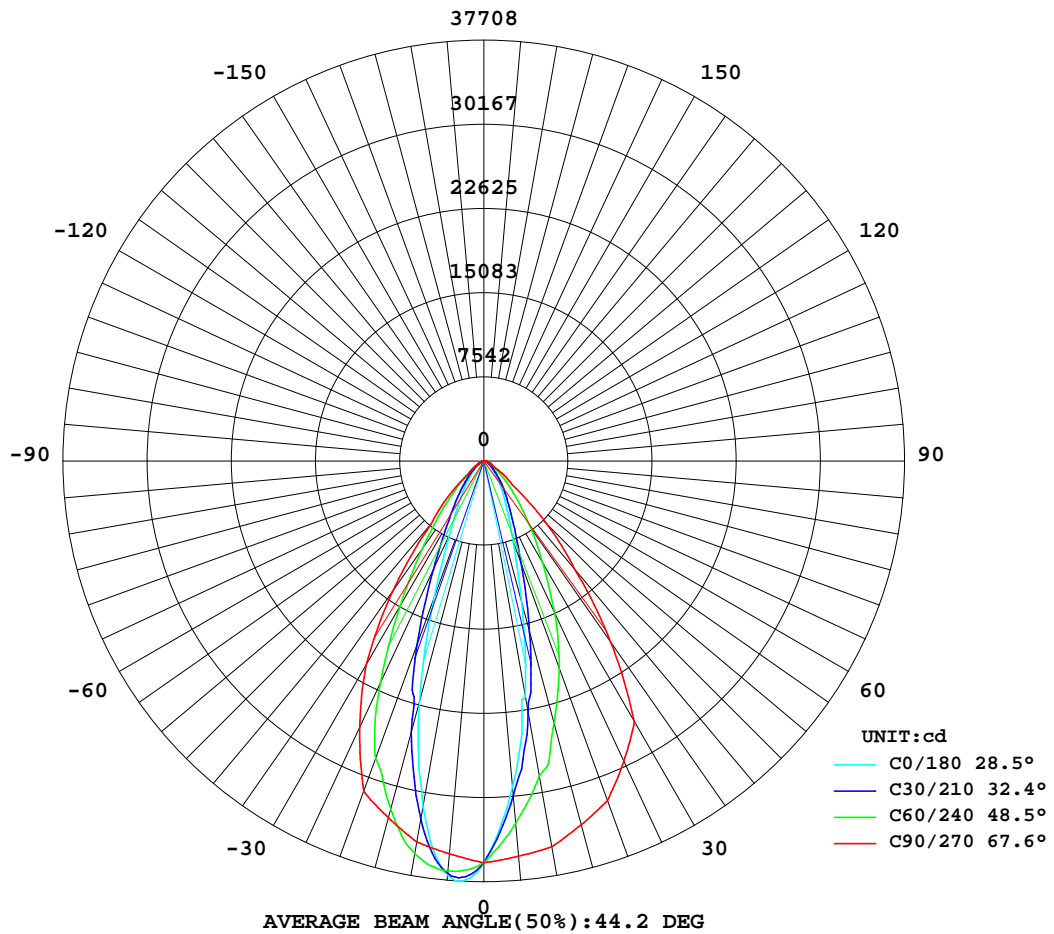
WORKING VOLTAGE: 219.6V

MANUFACTURER: LI TIAN

TOTAL FLUX: 26160 lm

Efficiency: 133.94 lm/W

Test: U: 219.6V I: 0.910A P: 195.3W PF: 0.976



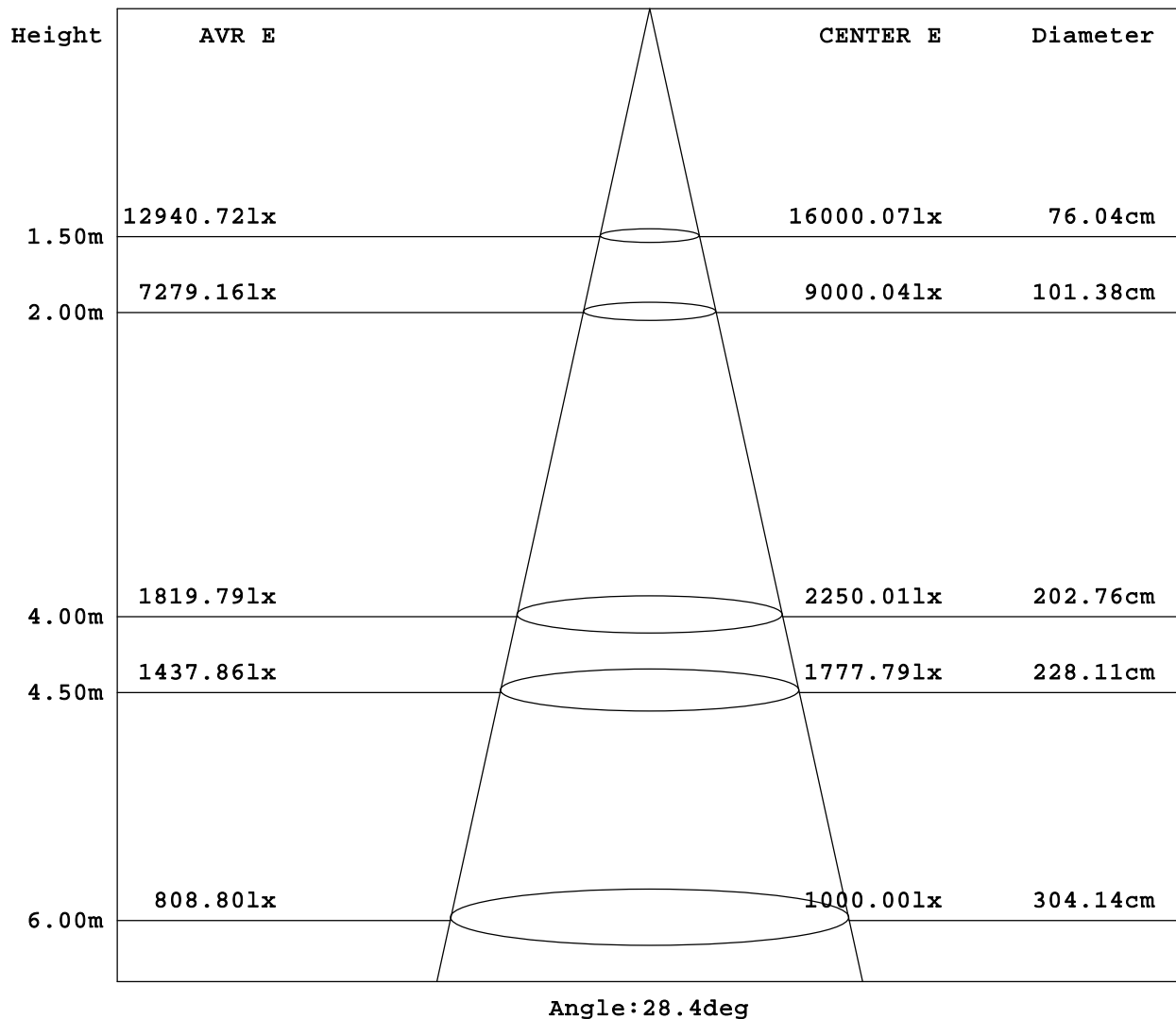
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月26日

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.:		

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	1.68	2.53	3.53	4.53	5.64	7.20	8.86	9.70	9.87	9.86	9.61	9.24	7.88	5.74	4.13	3.02	2.12	1.43	107	0.00		
64	1.97	2.84	4.14	5.68	7.68	10.7	14.1	16.3	17.3	17.3	16.5	15.3	12.6	8.85	5.82	3.86	2.47	1.63	165	0.00		
56	2.17	3.21	4.94	7.23	10.8	16.5	24.3	32.1	36.4	36.7	34.1	28.2	20.3	13.2	8.15	5.03	2.95	1.71	289	0.00		
48	2.23	3.56	5.69	8.90	14.8	26.1	44.9	70.2	89.0	92.7	80.6	56.9	34.5	19.5	11.1	6.44	3.69	1.94	573	284		
40	2.46	4.12	6.71	11.5	20.7	41.3	81.1	159	272	326	240	124	58.9	28.2	14.2	7.67	4.17	2.14	1404	1210		
32	2.56	4.45	7.57	13.8	26.5	54.1	112	254	467	566	406	188	77.7	36.4	17.6	9.26	4.81	2.43	2250	2066		
24	2.71	4.84	8.48	16.2	32.0	64.2	135	323	587	715	523	239	92.0	43.5	20.8	10.6	5.29	2.65	2827	2648		
VERTICAL(DEG)	2.89	5.23	9.32	18.2	36.2	69.9	146	349	599	728	552	261	98.9	48.0	23.2	11.5	5.60	2.76	2967	2785		
	2.83	5.27	9.58	18.9	38.1	72.0	148	350	614	732	536	248	97.6	48.3	24.3	12.1	6.00	2.95	2966	2785		
	2.93	5.38	9.75	19.2	38.1	72.9	149	344	603	724	536	249	99.4	48.9	24.1	11.9	5.82	2.80	2945	2766		
	2.79	5.06	9.23	18.2	37.5	72.5	154	352	587	690	504	247	99.0	47.5	23.1	11.4	5.61	2.78	2868	2687		
-24	2.66	4.71	8.52	16.5	34.1	68.0	147	332	547	632	462	229	93.2	43.7	20.8	10.3	5.12	2.60	2659	2481		
-32	2.56	4.40	7.71	14.1	27.8	58.2	123	266	457	525	387	183	79.5	37.0	17.3	8.80	4.46	2.29	2206	2026		
-40	2.27	3.87	6.45	11.1	20.9	43.1	82.5	154	257	279	184	101	54.8	26.9	13.4	7.33	4.06	2.14	1254	1053		
-48	2.20	3.59	5.65	8.93	14.7	24.9	39.9	49.5	49.0	46.5	45.3	43.3	30.8	17.4	9.84	5.63	3.30	1.82	403	123		
-56	1.94	3.05	4.64	6.71	9.88	13.9	16.3	11.2	8.02	7.32	9.00	13.3	14.7	10.7	7.03	4.48	2.76	1.65	147	0.00		
-64	1.68	2.55	3.75	4.93	6.39	7.31	5.81	4.76	4.62	4.56	4.36	4.61	5.91	6.11	4.67	3.35	2.19	1.45	79.1	0.00		
-72	1.42	2.10	2.96	3.66	4.25	4.67	3.90	2.61	2.20	2.18	2.15	2.74	3.57	3.46	2.84	2.27	1.64	1.17	49.8	0.00		
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL(DEG) 16 24 32 40 48 56 64 72																						
Φ t	42.0	70.8	119	209	387	729	1435	3080	5204	6134	4532	2243	982	494	253	135	72.1	38.4	26160			
Φ a	0.00	0.00	0.00	0.00	0.00	317	1246	2936	5110	6045	4420	2080	737	22.8	0.00	0.00	0.00	0.00		22369		

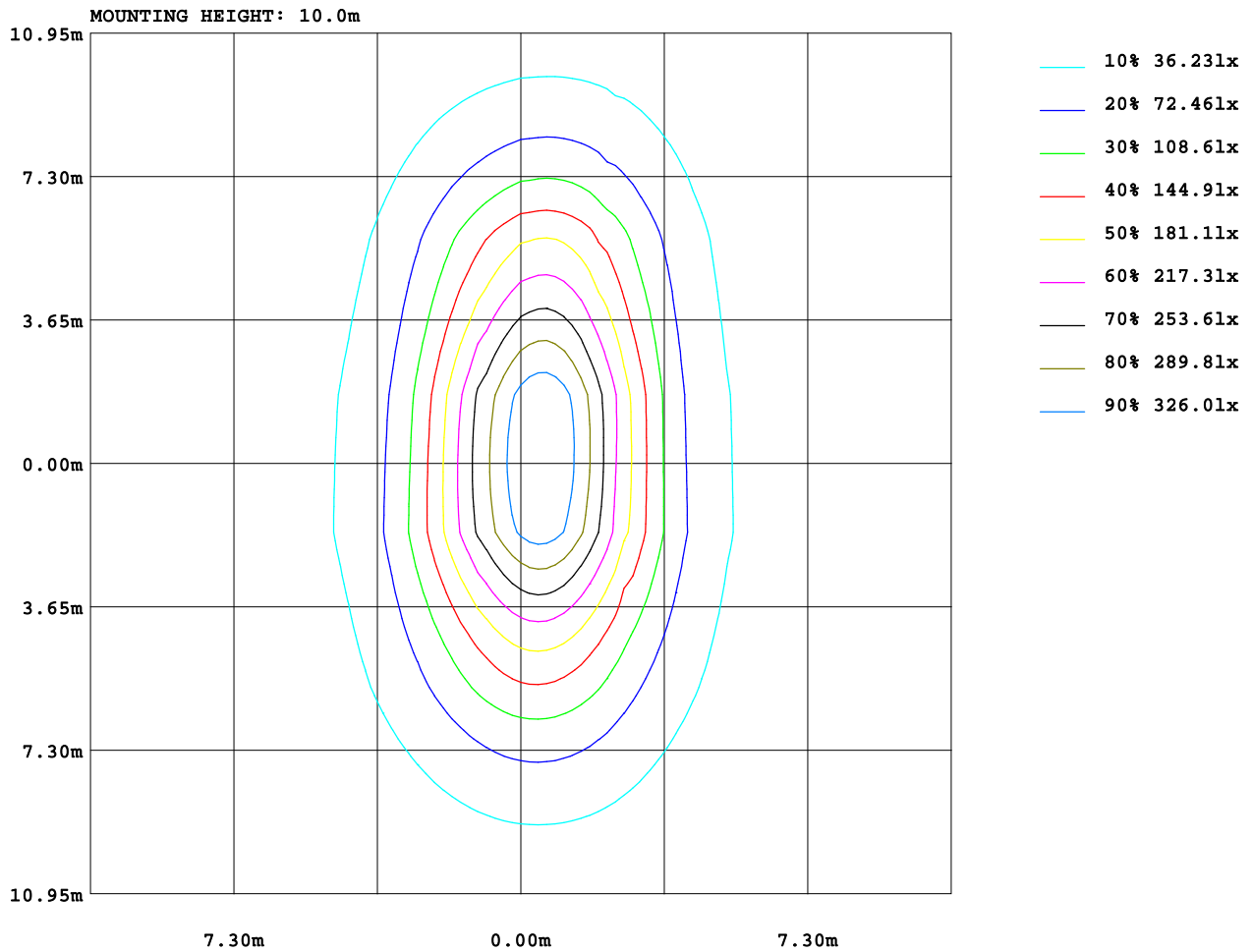
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月26日

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.:



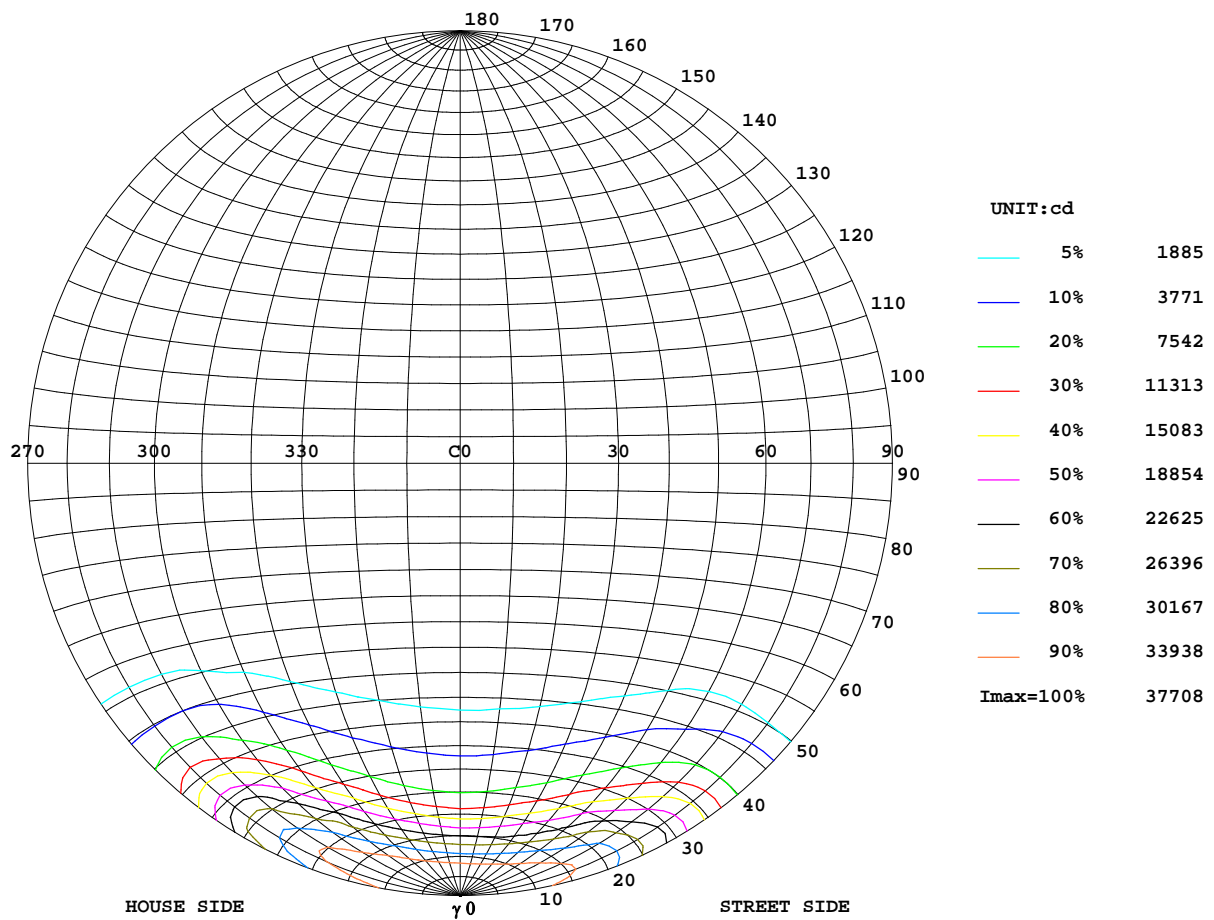
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Test Set: 5.0deg/s B-Beta (TYPE B)
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ISOCANDELA DIAGRAM

Report number:

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



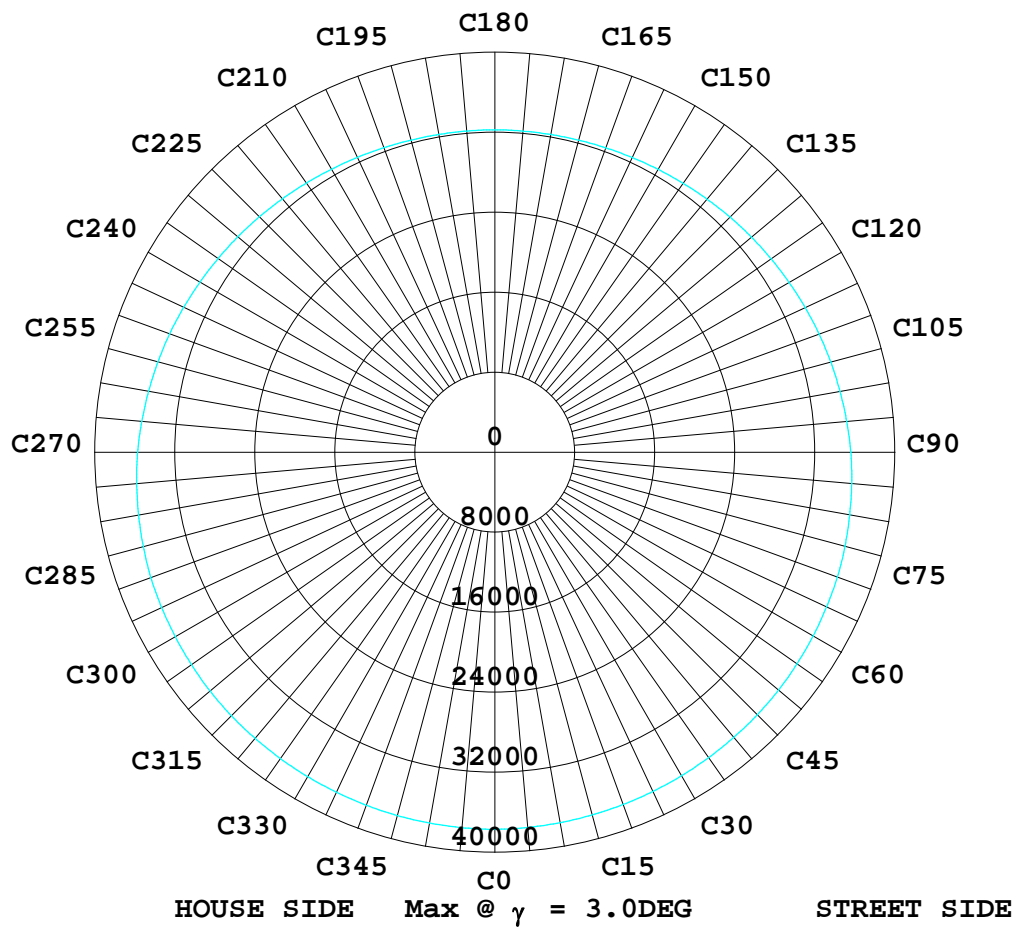
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月26日

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

Report number:

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



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Operators:
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Humidity:65.0%
Test Distance:10.500 m
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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	0.26	0.26	0.28	0.29	0.28	0.28	0.26	0.26	0.29	0.66	1.14	1.69	2.19	2.50	2.86
-85.0	0.26	0.26	0.28	0.29	0.28	0.28	0.26	0.26	0.29	0.66	1.14	1.69	2.19	2.50	2.86
-80.0	0.31	0.37	0.47	5.39	7.23	8.80	10.4	12.0	12.8	13.3	13.9	14.5	14.9	15.4	16.1
-75.0	0.31	0.37	0.47	5.39	7.23	8.80	10.4	12.0	12.8	13.3	13.9	14.5	14.9	15.4	16.1
-70.0	0.22	0.19	7.64	13.2	16.0	17.9	19.4	21.0	22.7	24.7	26.0	27.2	30.1	34.1	36.3
-65.0	0.22	0.19	7.64	13.2	16.0	17.9	19.4	21.0	22.7	24.7	26.0	27.2	30.1	34.1	36.3
-60.0	0.58	1.01	12.7	20.0	22.7	24.1	26.1	29.9	33.1	36.3	40.6	47.2	55.3	62.8	68.0
-55.0	0.58	1.01	12.7	20.0	22.7	24.1	26.1	29.9	33.1	36.3	40.6	47.2	55.3	62.8	68.0
-50.0	0.30	3.12	17.8	23.3	26.3	28.1	31.8	37.1	42.6	49.7	60.4	74.7	94.6	118	141
-45.0	0.30	3.12	17.8	23.3	26.3	28.1	31.8	37.1	42.6	49.7	60.4	74.7	94.6	118	141
-40.0	0.74	4.79	22.8	27.3	29.8	32.7	38.3	45.3	54.1	67.4	87.8	118	166	217	314
-35.0	0.74	4.79	22.8	27.3	29.8	32.7	38.3	45.3	54.1	67.4	87.8	118	166	217	314
-30.0	0.34	3.91	26.7	29.1	31.3	35.9	42.5	51.4	65.2	86.3	117	169	251	370	554
-25.0	0.34	3.91	26.7	29.1	31.3	35.9	42.5	51.4	65.2	86.3	117	169	251	370	554
-20.0	0.78	4.50	28.9	31.4	34.0	40.1	47.8	58.6	77.6	106	148	214	321	474	736
-15.0	0.78	4.50	28.9	31.4	34.0	40.1	47.8	58.6	77.6	106	148	214	321	474	736
-10.0	0.35	2.19	28.5	31.6	34.7	42.1	50.8	62.9	84.3	118	167	247	355	516	803
-5.0	0.35	2.19	28.5	31.6	34.7	42.1	50.8	62.9	84.3	118	167	247	355	516	803
0.0	0.78	4.11	29.5	33.0	36.2	43.9	53.6	67.1	87.8	124	174	253	357	510	772
5.0	0.78	4.11	29.5	33.0	36.2	43.9	53.6	67.1	87.8	124	174	253	357	510	772
10.0	0.34	5.60	28.2	32.1	35.1	42.7	51.8	64.5	83.9	118	164	239	340	487	745
15.0	0.34	5.60	28.2	32.1	35.1	42.7	51.8	64.5	83.9	118	164	239	340	487	745
20.0	0.78	7.25	28.4	32.6	34.8	41.3	49.5	60.4	77.5	108	147	214	309	447	685
25.0	0.78	7.25	28.4	32.6	34.8	41.3	49.5	60.4	77.5	108	147	214	309	447	685
30.0	0.35	5.99	27.1	30.7	32.4	37.2	44.0	52.7	66.5	88.9	119	169	251	366	557
35.0	0.35	5.99	27.1	30.7	32.4	37.2	44.0	52.7	66.5	88.9	119	169	251	366	557
40.0	0.75	6.92	24.3	29.8	31.4	33.7	39.5	46.4	55.7	69.8	90.2	121	176	253	363
45.0	0.75	6.92	24.3	29.8	31.4	33.7	39.5	46.4	55.7	69.8	90.2	121	176	253	363
50.0	0.36	4.85	20.6	26.9	28.2	29.7	33.2	38.7	44.9	52.6	64.3	80.6	106	141	184
55.0	0.36	4.85	20.6	26.9	28.2	29.7	33.2	38.7	44.9	52.6	64.3	80.6	106	141	184
60.0	0.63	2.44	17.1	22.7	26.4	26.4	28.2	31.9	35.9	40.1	45.3	52.5	62.1	73.4	84.4
65.0	0.63	2.44	17.1	22.7	26.4	26.4	28.2	31.9	35.9	40.1	45.3	52.5	62.1	73.4	84.4
70.0	0.32	0.26	11.6	16.9	19.5	21.6	22.6	24.5	26.5	28.4	30.2	32.6	36.4	41.1	44.6
75.0	0.32	0.26	11.6	16.9	19.5	21.6	22.6	24.5	26.5	28.4	30.2	32.6	36.4	41.1	44.6
80.0	0.39	0.46	2.33	9.49	11.6	13.5	15.3	16.6	17.4	17.9	18.8	19.4	19.7	20.7	22.9
85.0	0.39	0.46	2.33	9.49	11.6	13.5	15.3	16.6	17.4	17.9	18.8	19.4	19.7	20.7	22.9
90.0	0.22	0.21	0.21	0.21	0.21	0.19	0.18	0.19	0.49	0.95	1.47	2.01	2.49	2.86	3.29

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
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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	3.20	3.53	3.61	3.04	3.03	3.16	3.03	2.69	2.27	1.97	1.64	1.24	0.75	0.31	0.26
-85.0	3.20	3.53	3.61	3.04	3.03	3.16	3.03	2.69	2.27	1.97	1.64	1.24	0.75	0.31	0.26
-80.0	17.2	16.4	14.9	14.1	14.4	15.3	15.9	14.7	13.2	12.6	12.2	11.6	11.2	10.7	9.79
-75.0	17.2	16.4	14.9	14.1	14.4	15.3	15.9	14.7	13.2	12.6	12.2	11.6	11.2	10.7	9.79
-70.0	36.6	35.8	35.1	35.1	34.9	34.9	35.0	34.6	32.9	29.0	25.2	22.8	21.0	19.3	17.8
-65.0	36.6	35.8	35.1	35.1	34.9	34.9	35.0	34.6	32.9	29.0	25.2	22.8	21.0	19.3	17.8
-60.0	70.3	70.1	69.8	70.4	69.1	67.5	67.3	66.3	62.9	56.5	48.3	40.1	33.9	29.4	25.9
-55.0	70.3	70.1	69.8	70.4	69.1	67.5	67.3	66.3	62.9	56.5	48.3	40.1	33.9	29.4	25.9
-50.0	163	177	183	183	182	179	171	154	132	108	85.6	68.0	53.3	43.3	36.2
-45.0	163	177	183	183	182	179	171	154	132	108	85.6	68.0	53.3	43.3	36.2
-40.0	428	557	671	738	722	636	515	392	289	206	145	104	77.0	57.9	45.9
-35.0	428	557	671	738	722	636	515	392	289	206	145	104	77.0	57.9	45.9
-30.0	860	1298	1780	2113	2086	1716	1197	772	501	329	215	149	104	76.8	57.5
-25.0	860	1298	1780	2113	2086	1716	1197	772	501	329	215	149	104	76.8	57.5
-20.0	1228	1932	2622	3152	3194	2773	1919	1157	679	424	286	192	130	93.4	66.8
-15.0	1228	1932	2622	3152	3194	2773	1919	1157	679	424	286	192	130	93.4	66.8
-10.0	1370	2154	2866	3467	3548	2977	2153	1304	745	465	316	215	149	107	75.0
-5.0	1370	2154	2866	3467	3548	2977	2153	1304	745	465	316	215	149	107	75.0
0.0	1311	2147	2931	3600	3726	3146	2235	1301	736	467	321	226	154	111	77.8
5.0	1311	2147	2931	3600	3726	3146	2235	1301	736	467	321	226	154	111	77.8
10.0	1263	2082	2855	3510	3645	3085	2153	1270	712	450	309	216	149	109	76.2
15.0	1263	2082	2855	3510	3645	3085	2153	1270	712	450	309	216	149	109	76.2
20.0	1166	1912	2623	3239	3387	2874	2060	1220	677	419	286	196	134	97.9	69.7
25.0	1166	1912	2623	3239	3387	2874	2060	1220	677	419	286	196	134	97.9	69.7
30.0	914	1488	2138	2698	2760	2208	1583	934	551	347	233	159	111	82.7	61.6
35.0	914	1488	2138	2698	2760	2208	1583	934	551	347	233	159	111	82.7	61.6
40.0	532	769	1044	1270	1300	1106	804	539	360	242	165	115	84.9	64.1	50.1
45.0	532	769	1044	1270	1300	1106	804	539	360	242	165	115	84.9	64.1	50.1
50.0	235	285	320	337	334	315	279	222	181	138	104	79.8	62.0	49.2	40.5
55.0	235	285	320	337	334	315	279	222	181	138	104	79.8	62.0	49.2	40.5
60.0	93.2	98.0	98.9	98.5	97.6	96.9	96.5	92.9	85.1	73.7	61.3	50.5	41.3	34.8	29.6
65.0	93.2	98.0	98.9	98.5	97.6	96.9	96.5	92.9	85.1	73.7	61.3	50.5	41.3	34.8	29.6
70.0	46.6	47.3	47.6	48.0	47.8	47.0	46.9	46.7	45.0	40.9	34.6	29.5	26.0	23.3	21.0
75.0	46.6	47.3	47.6	48.0	47.8	47.0	46.9	46.7	45.0	40.9	34.6	29.5	26.0	23.3	21.0
80.0	24.0	22.9	21.1	19.9	19.9	21.1	22.8	23.1	20.9	17.9	16.2	15.3	14.4	13.8	13.3
85.0	24.0	22.9	21.1	19.9	19.9	21.1	22.8	23.1	20.9	17.9	16.2	15.3	14.4	13.8	13.3
90.0	3.61	3.89	4.06	4.23	4.24	3.88	3.37	2.88	2.65	2.29	1.91	1.51	1.02	0.54	0.20

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:

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	0.23	0.21	0.21	0.20	0.20	0.19	0.15
-85.0	0.23	0.21	0.21	0.20	0.20	0.19	0.15
-80.0	8.52	6.83	5.31	3.23	0.41	0.15	0.14
-75.0	8.52	6.83	5.31	3.23	0.41	0.15	0.14
-70.0	16.8	15.6	13.8	11.2	8.01	1.43	0.42
-65.0	16.8	15.6	13.8	11.2	8.01	1.43	0.42
-60.0	22.0	20.1	19.2	16.7	13.1	4.34	0.22
-55.0	22.0	20.1	19.2	16.7	13.1	4.34	0.22
-50.0	29.6	24.5	22.9	22.2	18.5	8.04	0.66
-45.0	29.6	24.5	22.9	22.2	18.5	8.04	0.66
-40.0	36.6	29.2	24.7	24.0	20.7	9.21	0.31
-35.0	36.6	29.2	24.7	24.0	20.7	9.21	0.31
-30.0	44.4	35.3	28.0	26.0	23.7	14.9	0.83
-25.0	44.4	35.3	28.0	26.0	23.7	14.9	0.83
-20.0	49.7	39.1	30.6	26.0	26.3	19.0	0.36
-15.0	49.7	39.1	30.6	26.0	26.3	19.0	0.36
-10.0	56.4	43.6	33.8	27.4	28.0	23.3	0.88
-5.0	56.4	43.6	33.8	27.4	28.0	23.3	0.88
0.0	58.4	44.1	34.0	26.9	27.3	23.3	0.36
5.0	58.4	44.1	34.0	26.9	27.3	23.3	0.36
10.0	57.8	44.3	34.1	27.4	27.9	24.5	0.90
15.0	57.8	44.3	34.1	27.4	27.9	24.5	0.90
20.0	52.2	40.6	31.5	26.0	26.4	22.4	0.37
25.0	52.2	40.6	31.5	26.0	26.4	22.4	0.37
30.0	47.3	37.2	29.2	25.8	25.8	17.0	0.86
35.0	47.3	37.2	29.2	25.8	25.8	17.0	0.86
40.0	39.5	31.2	25.5	24.1	23.6	16.3	0.36
45.0	39.5	31.2	25.5	24.1	23.6	16.3	0.36
50.0	32.7	26.3	23.2	23.1	22.3	14.3	0.75
55.0	32.7	26.3	23.2	23.1	22.3	14.3	0.75
60.0	24.8	21.3	20.4	19.8	19.1	10.2	0.33
65.0	24.8	21.3	20.4	19.8	19.1	10.2	0.33
70.0	19.0	18.0	17.2	15.8	14.4	6.98	0.53
75.0	19.0	18.0	17.2	15.8	14.4	6.98	0.53
80.0	12.5	11.2	9.85	8.51	6.68	0.24	0.26
85.0	12.5	11.2	9.85	8.51	6.68	0.24	0.26
90.0	0.18	0.15	0.15	0.15	0.18	0.18	0.14

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: