

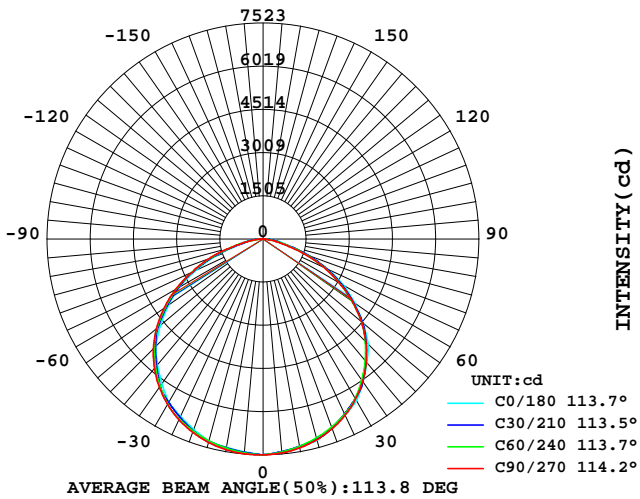
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

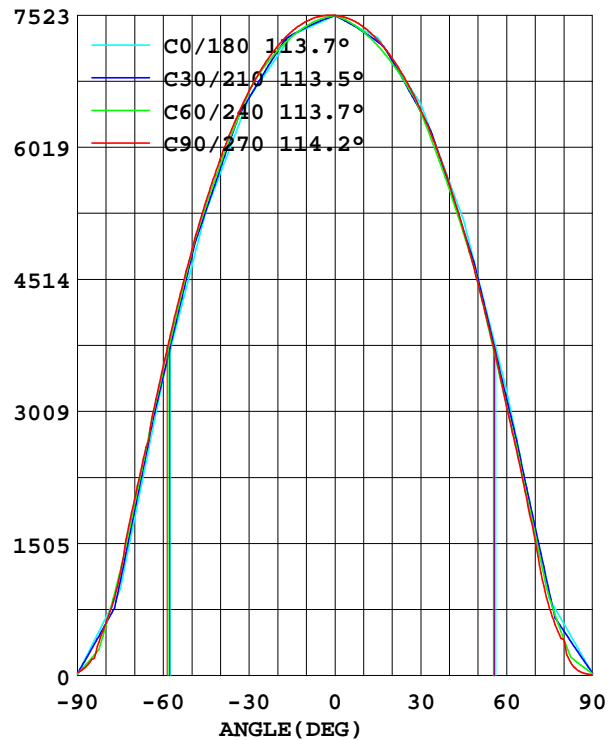
MANUFACTURER: LI TIAN	Address:	
NAME: LTC-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	7523	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	152	TOTAL FLUX(lm)	21176	Voltage(V)	219.5
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	137.8	Current(A)	0.712
NOMINAL FLUX(lm)	21176.4	η up(%)	0.0	Power(W)	153.6
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.983
TEST VOLTAGE(V)	219.5	Effective Flux(lm)	0.0	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019年07月06日

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

Color Temperature Data List

Report number:

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

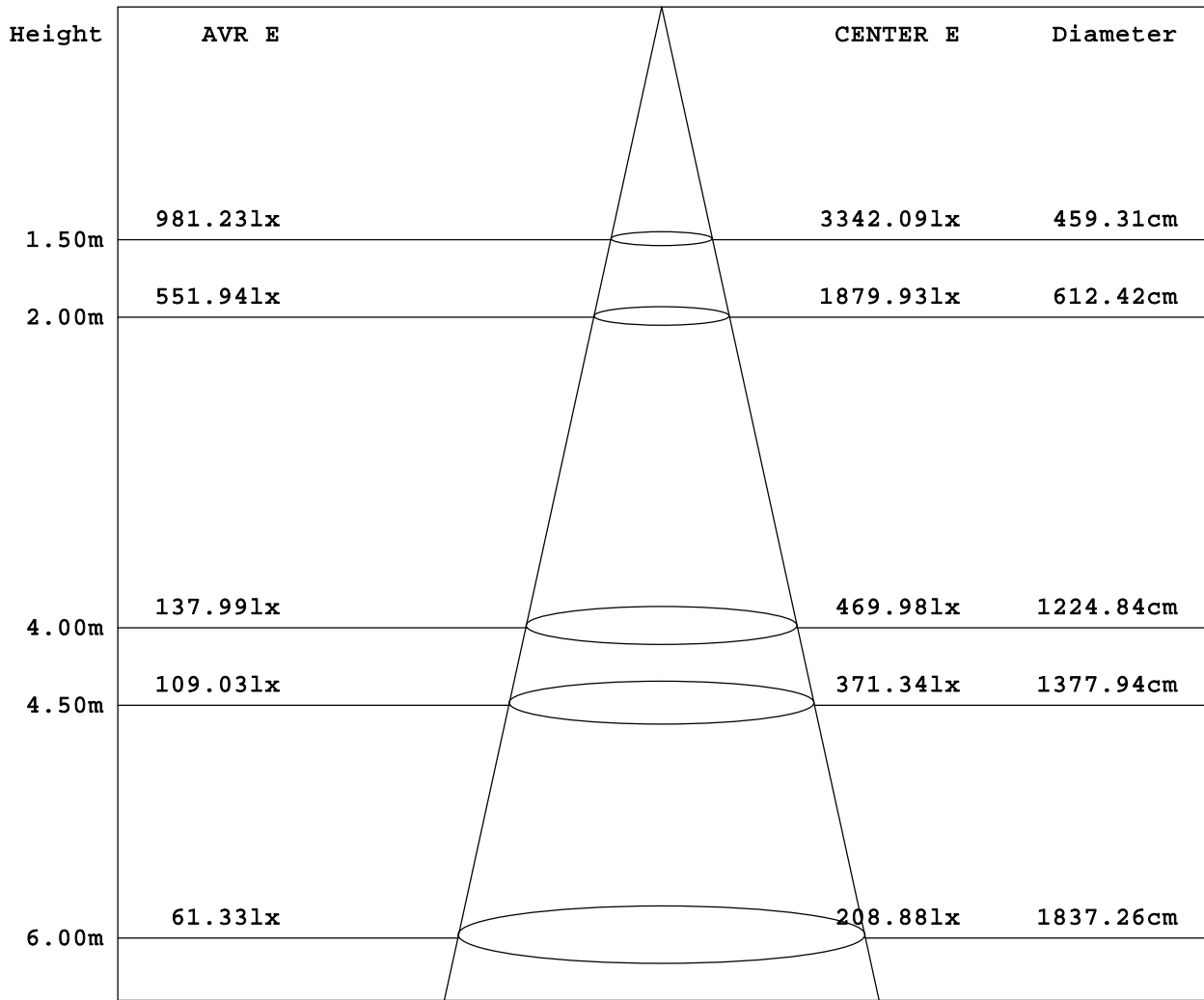
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年07月06日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTC-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:113.7deg

Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019年07月06日

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

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTC-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	7446	7467	7511	7460	7436	7438	7481	7446	0- 5	178.8	178.8
10.0	7373	7390	7452	7375	7352	7329	7388	7344	5- 10	530.2	709.1
15.0	7300	7284	7341	7262	7268	7189	7238	7213	10- 15	867.2	1576
20.0	7060	7155	7170	7126	7016	7022	7035	7054	15- 20	1180	2756
25.0	6820	6891	6944	6851	6765	6727	6769	6769	20- 25	1454	4210
30.0	6580	6581	6659	6532	6513	6385	6440	6437	25- 30	1685	5895
35.0	6153	6243	6307	6184	6071	6022	6057	6085	30- 35	1864	7759
40.0	5725	5855	5889	5786	5628	5608	5597	5684	35- 40	1974	9733
45.0	5297	5320	5409	5240	5186	5039	5065	5130	40- 45	2018	11751
50.0	4662	4762	4846	4672	4541	4457	4472	4563	45- 50	1988	13739
55.0	4028	4183	4213	4080	3895	3855	3797	3977	50- 55	1871	15610
60.0	3394	3434	3526	3324	3250	3111	3066	3240	55- 60	1680	17291
65.0	2591	2690	2691	2573	2458	2387	2341	2522	60- 65	1419	18710
70.0	1788	1925	2004	1816	1667	1677	1537	1799	65- 70	1092	19802
75.0	984.6	1150	1169	1066	874.9	991.6	770.7	1075	70- 75	723.1	20525
80.0	660.9	473.6	596.0	417.3	591.6	399.9	413.5	448.3	75- 80	392.7	20918
85.0	337.3	243.0	182.4	219.3	308.4	210.4	56.33	231.4	80- 85	193.7	21112
90.0	13.67	17.08	36.60	25.13	25.13	25.68	6.835	18.52	85- 90	64.69	21176
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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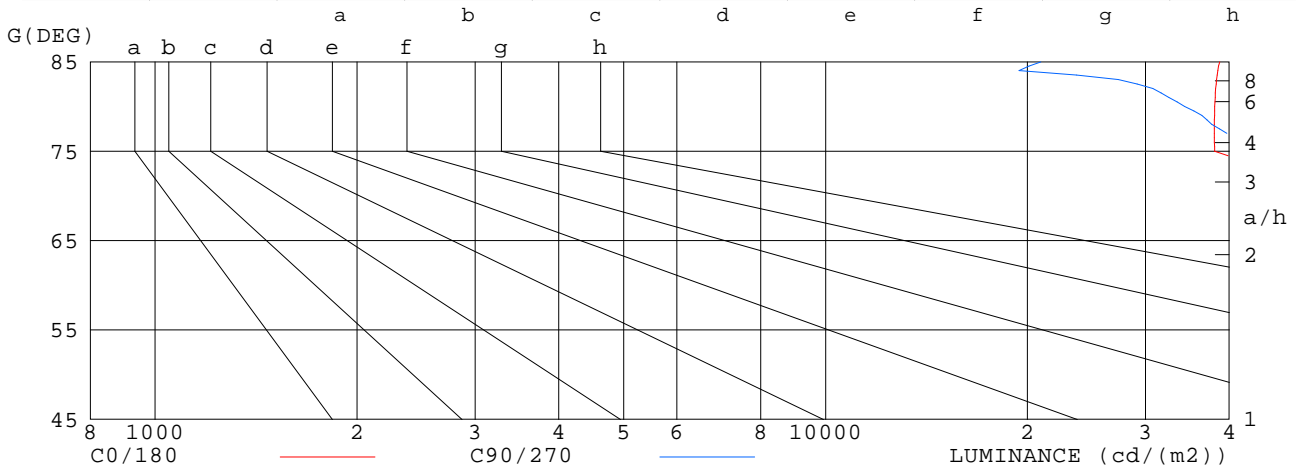
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTC-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



G (DEG)	LUMINANCE cd/(m2)	
	C0/180	C90/270
85	38704	20935
80	38065	34323
75	38044	45183
70	52267	58584
65	61299	63666
60	67872	70527
55	70225	73451
50	72532	75393
45	74906	76499

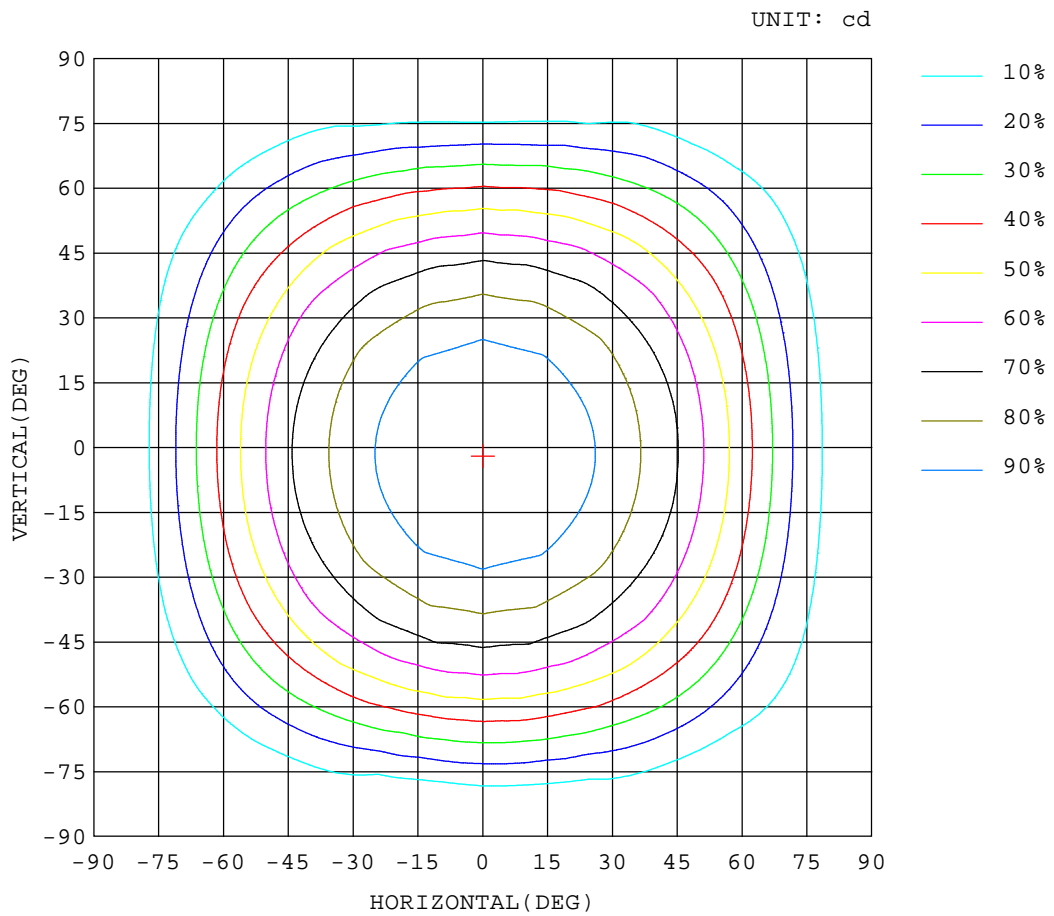
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ISOCANDELA DIAGRAM

Report number:

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NAME: LTC-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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Uncorrected UGR Table

Report number:

MANUFACTURER: LI TIAN						Address:					
NAME: LTC-150W						TYPE:			WEIGHT:		
SPECIFICATION:						DIMENSION:			SERIAL No.:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H	27.8	29.3	28.1	29.5	29.7	28.0	29.5	28.3	29.7	29.9	
3H	29.1	30.4	29.4	30.7	30.9	29.4	30.7	29.7	31.0	31.2	
4H	29.4	30.7	29.7	30.9	31.2	29.8	31.1	30.1	31.3	31.6	
6H	29.6	30.8	29.9	31.1	31.4	29.9	31.2	30.3	31.5	31.7	
8H	29.7	30.9	30.0	31.2	31.5	30.0	31.2	30.3	31.5	31.7	
12H	29.8	30.9	30.1	31.2	31.5	30.0	31.1	30.3	31.4	31.7	
4H 2H	28.4	29.7	28.7	30.0	30.2	28.6	29.9	28.9	30.1	30.4	
3H	29.8	30.9	30.1	31.2	31.5	30.1	31.2	30.4	31.5	31.8	
4H	30.2	31.2	30.6	31.5	31.9	30.5	31.6	30.9	31.9	32.2	
6H	30.5	31.4	30.9	31.8	32.1	30.8	31.7	31.2	32.1	32.4	
8H	30.6	31.5	31.1	31.9	32.3	30.9	31.7	31.3	32.1	32.5	
12H	30.8	31.6	31.2	31.9	32.3	30.9	31.7	31.3	32.0	32.4	
8H 4H	30.3	31.2	30.7	31.6	31.9	30.7	31.5	31.1	31.9	32.3	
6H	30.8	31.5	31.2	31.9	32.3	31.0	31.7	31.5	32.1	32.5	
8H	31.0	31.6	31.4	32.0	32.5	31.1	31.7	31.6	32.2	32.6	
12H	31.2	31.7	31.7	32.2	32.6	31.1	31.7	31.6	32.1	32.6	
12H 4H	30.3	31.1	30.7	31.5	31.9	30.7	31.4	31.1	31.8	32.2	
6H	30.8	31.4	31.2	31.8	32.3	31.0	31.6	31.5	32.1	32.5	
8H	31.0	31.5	31.5	32.0	32.5	31.1	31.7	31.6	32.1	32.6	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
1.5H	+ 0.2 / - 0.5					+ 0.2 / - 0.4					
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3					

CIE Pub.117 Corrected 21176 lm Total Lamp Luminous Flux. (8log(F/F0) = 10.6)

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