

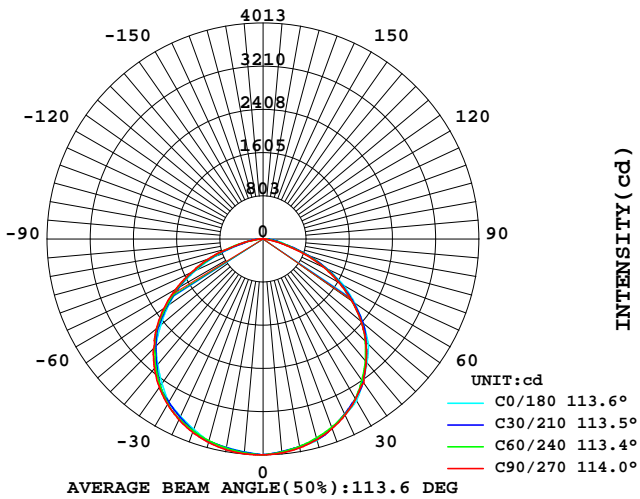
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

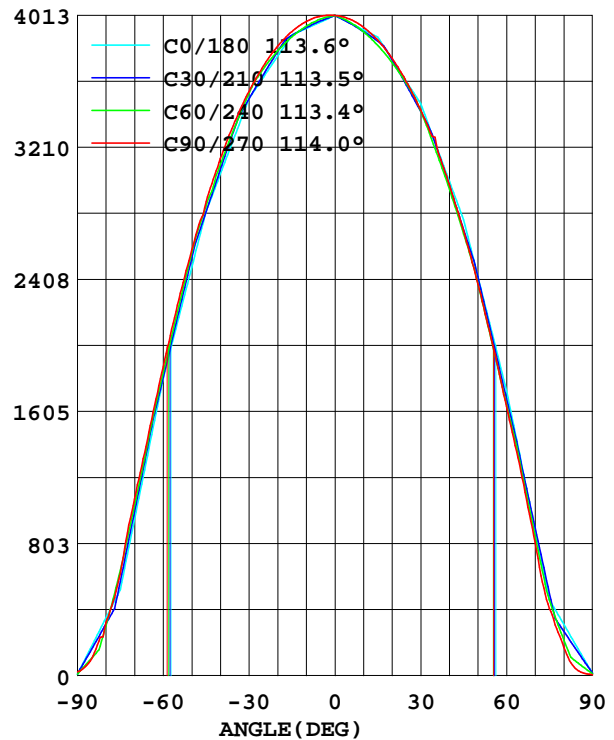
MANUFACTURER: LI TIAN	Address:	
NAME: LTC-75W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	4013	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	72	TOTAL FLUX(lm)	11283	Voltage(V)	219.8
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	157.7	Current(A)	0.352
NOMINAL FLUX(lm)	11283.4	η up(%)	0.0	Power(W)	71.52
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.923
TEST VOLTAGE(V)	219.8	Effective Flux(lm)	11045.3	EEI	0.088

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:

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## Color Temperature Data List

Report number:

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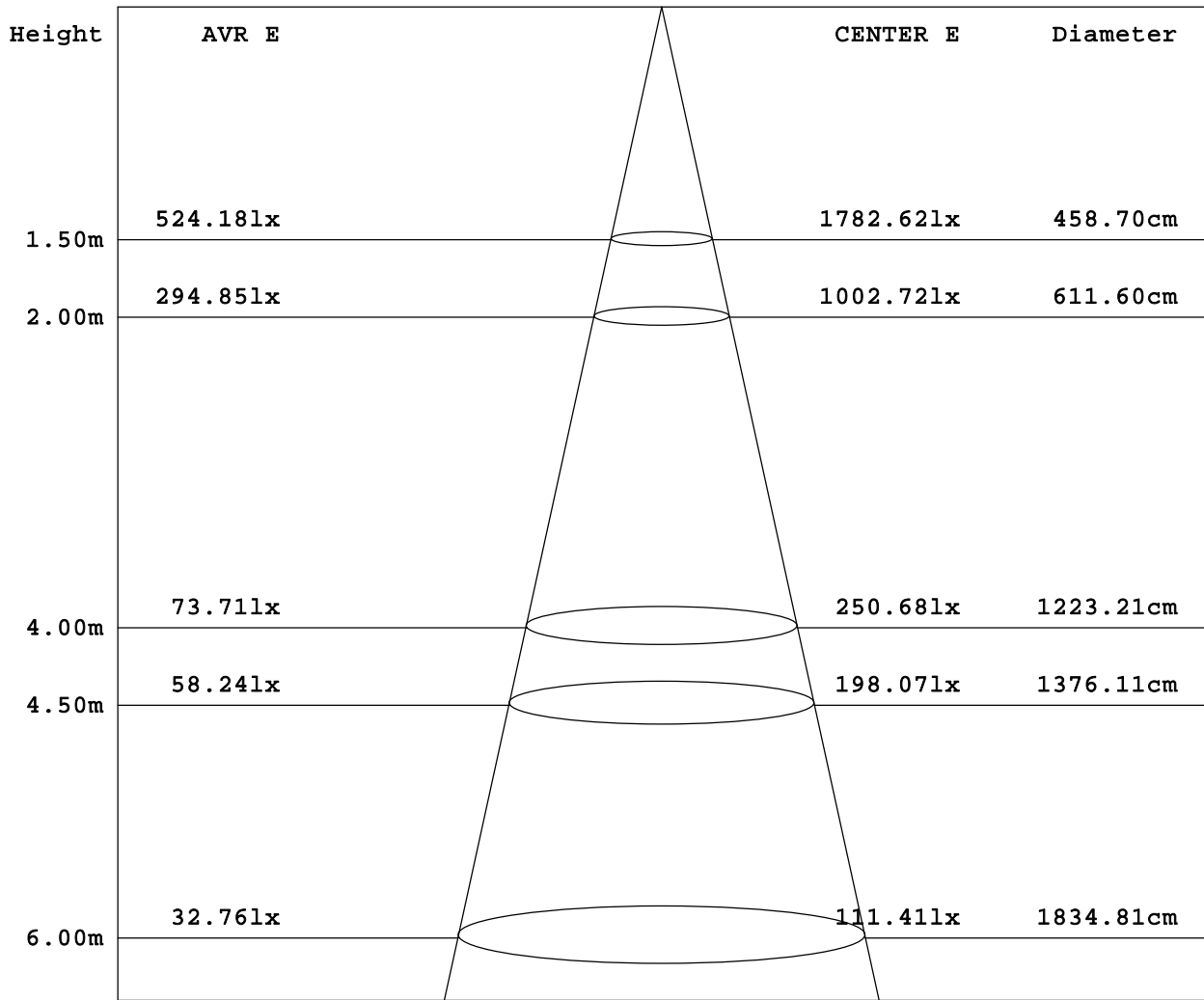
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**AVERAGE AND CENTER E Figure**

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTC-75W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:113.6deg

Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年07月06日

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 Remarks:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTC-75W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	3972	3982	4007	3979	3967	3968	3990	3971	0- 5	95.40	95.40
10.0	3932	3941	3974	3935	3923	3910	3939	3917	5- 10	282.8	378.2
15.0	3893	3883	3913	3874	3879	3838	3861	3847	10- 15	462.6	840.8
20.0	3764	3812	3825	3800	3744	3751	3750	3764	15- 20	629.3	1470
25.0	3635	3672	3704	3655	3610	3593	3608	3610	20- 25	775.4	2246
30.0	3506	3505	3549	3483	3475	3409	3436	3440	25- 30	898.7	3144
35.0	3277	3325	3365	3298	3240	3212	3271	3242	30- 35	993.8	4138
40.0	3049	3120	3142	3088	3004	2989	2980	3026	35- 40	1053	5191
45.0	2820	2831	2880	2793	2769	2690	2703	2733	40- 45	1076	6267
50.0	2482	2531	2588	2489	2423	2382	2379	2433	45- 50	1060	7326
55.0	2144	2218	2251	2170	2077	2064	2017	2122	50- 55	997.0	8323
60.0	1806	1822	1876	1769	1731	1664	1636	1728	55- 60	894.9	9218
65.0	1378	1430	1479	1370	1308	1271	1240	1341	60- 65	755.4	9974
70.0	950.0	1025	1074	967.6	884.0	889.9	804.4	954.0	65- 70	580.7	10555
75.0	521.9	611.5	620.1	565.7	460.2	527.8	407.2	572.0	70- 75	383.6	10938
80.0	350.3	251.3	322.8	218.5	311.3	214.6	172.9	240.3	75- 80	208.1	11146
85.0	178.7	129.1	101.6	115.1	162.3	112.6	30.09	123.7	80- 85	102.7	11249
90.0	7.166	8.930	22.05	13.11	13.34	13.78	4.740	9.702	85- 90	34.28	11283
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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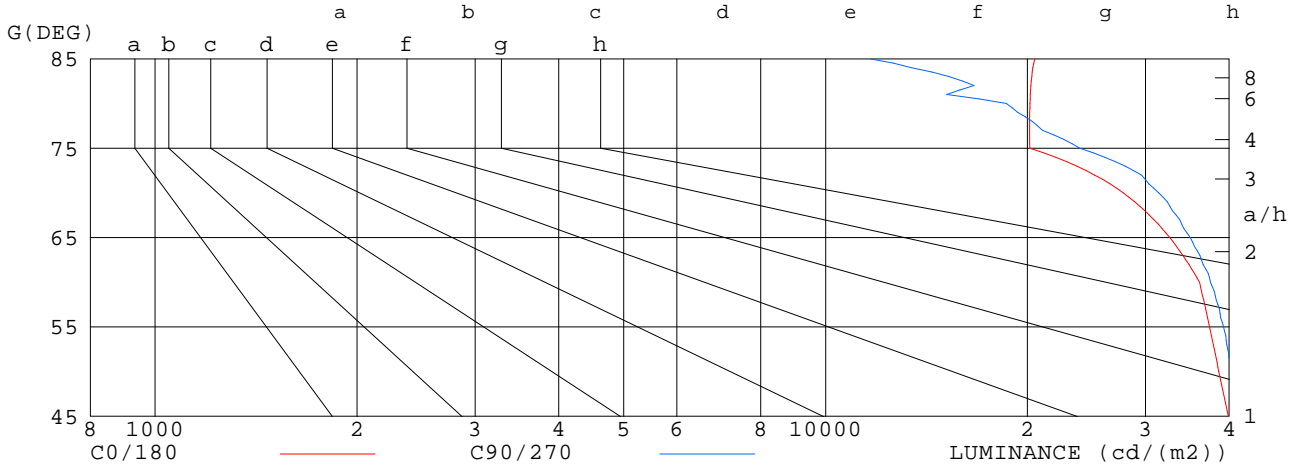
## LUMINANCE LIMITATION CURVES

Report number:

<b>MANUFACTURER:</b> LI TIAN	<b>Address:</b>	
<b>NAME:</b> LTC-75W	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

### LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300	<=300	<=300	<=300	<=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	20509	11663
80	20175	18590
75	20166	23961
70	27777	31390
65	32609	34994
60	36125	37520
55	37380	39237
50	38611	40257
45	39876	40733

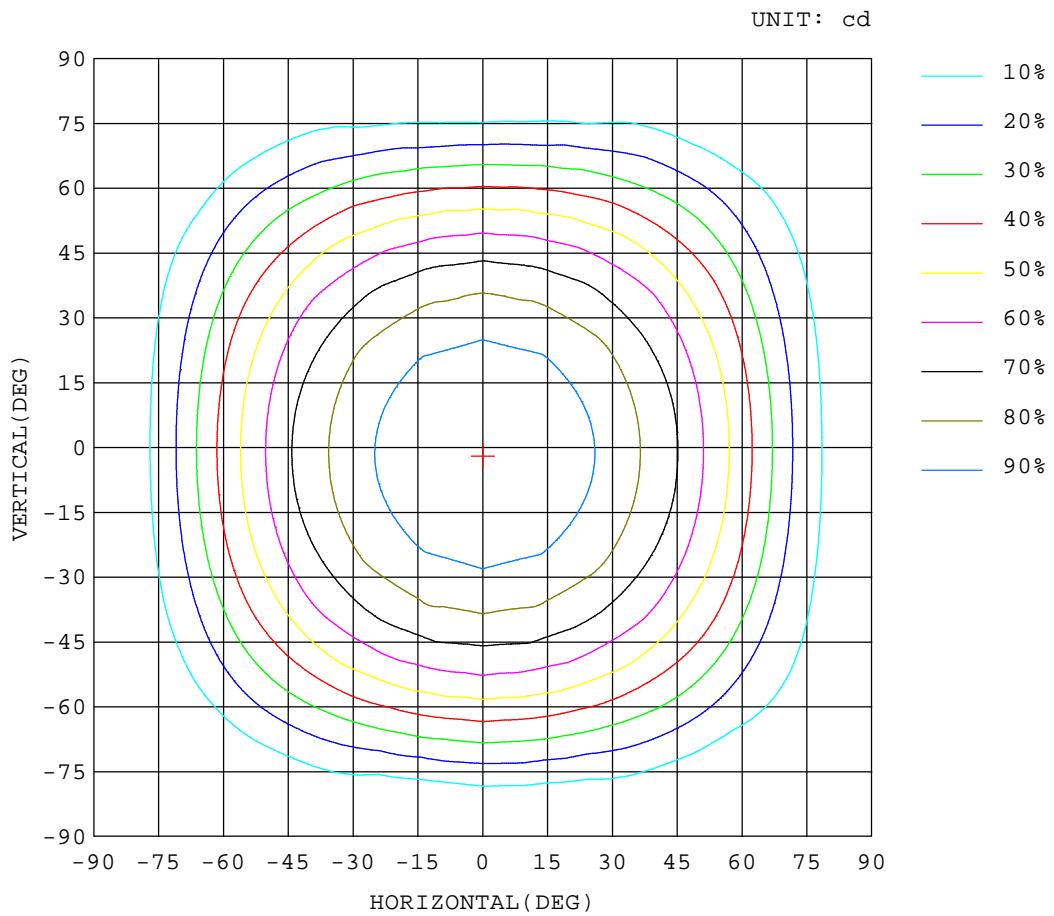
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 Operators:  
 Test Date:2019年07月06日

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 Remarks:

## ISOCANDELA DIAGRAM

Report number:

<b>MANUFACTURER:</b> LI TIAN	<b>Address:</b>	
<b>NAME:</b> LTC-75W	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>



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 Operators:  
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## Uncorrected UGR Table

Report number:

MANUFACTURER: LI TIAN						Address:				
NAME: LTC-75W						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	25.6	27.1	25.9	27.3	27.6	25.8	27.3	26.1	27.5	27.7
3H	26.9	28.2	27.2	28.5	28.7	27.1	28.5	27.4	28.8	29.0
4H	27.2	28.5	27.5	28.7	29.0	27.5	28.9	27.9	29.1	29.4
6H	27.4	28.6	27.7	28.9	29.2	27.7	29.0	28.1	29.2	29.5
8H	27.5	28.7	27.8	29.0	29.2	27.8	28.9	28.1	29.2	29.5
12H	27.6	28.7	27.9	29.0	29.3	27.8	28.9	28.1	29.2	29.5
4H 2H	26.2	27.5	26.5	27.8	28.0	26.3	27.7	26.7	27.9	28.2
3H	27.6	28.7	27.9	29.0	29.3	27.8	29.0	28.2	29.3	29.6
4H	28.0	29.0	28.4	29.3	29.7	28.3	29.4	28.7	29.7	30.0
6H	28.3	29.2	28.7	29.6	29.9	28.6	29.5	29.0	29.9	30.2
8H	28.4	29.3	28.9	29.7	30.0	28.6	29.5	29.1	29.9	30.2
12H	28.6	29.3	29.0	29.7	30.1	28.7	29.4	29.1	29.8	30.2
8H 4H	28.1	29.0	28.5	29.4	29.7	28.5	29.3	28.9	29.7	30.1
6H	28.5	29.3	29.0	29.7	30.1	28.8	29.5	29.2	29.9	30.3
8H	28.8	29.4	29.2	29.8	30.3	28.9	29.5	29.3	29.9	30.4
12H	29.0	29.5	29.4	29.9	30.4	28.9	29.5	29.4	29.9	30.4
12H 4H	28.1	28.9	28.5	29.3	29.7	28.4	29.2	28.9	29.6	30.0
6H	28.6	29.2	29.0	29.6	30.1	28.8	29.4	29.3	29.8	30.3
8H	28.8	29.3	29.3	29.8	30.3	28.9	29.4	29.4	29.9	30.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.5					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 11283 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.4)

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