

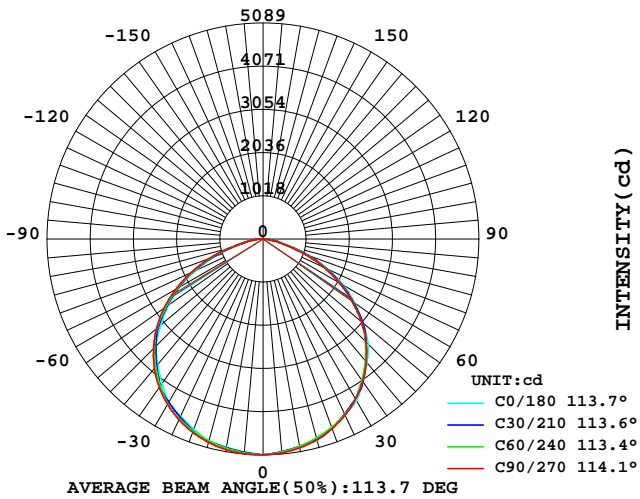
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

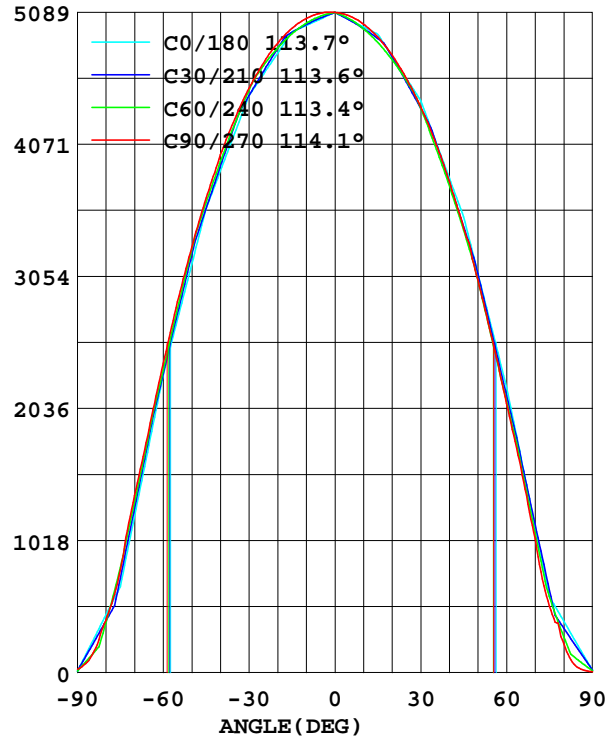
MANUFACTURER: LI TIAN	Address:	
NAME: LTC-100W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	5089	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	96	TOTAL FLUX(lm)	14315	Voltage(V)	219.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	151.8	Current(A)	0.449
NOMINAL FLUX(lm)	14314.7	η up(%)	0.0	Power(W)	94.27
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.954
TEST VOLTAGE(V)	219.6	Effective Flux(lm)	14013.5	EEI	0.092

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:	
NAME: LTC-100W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

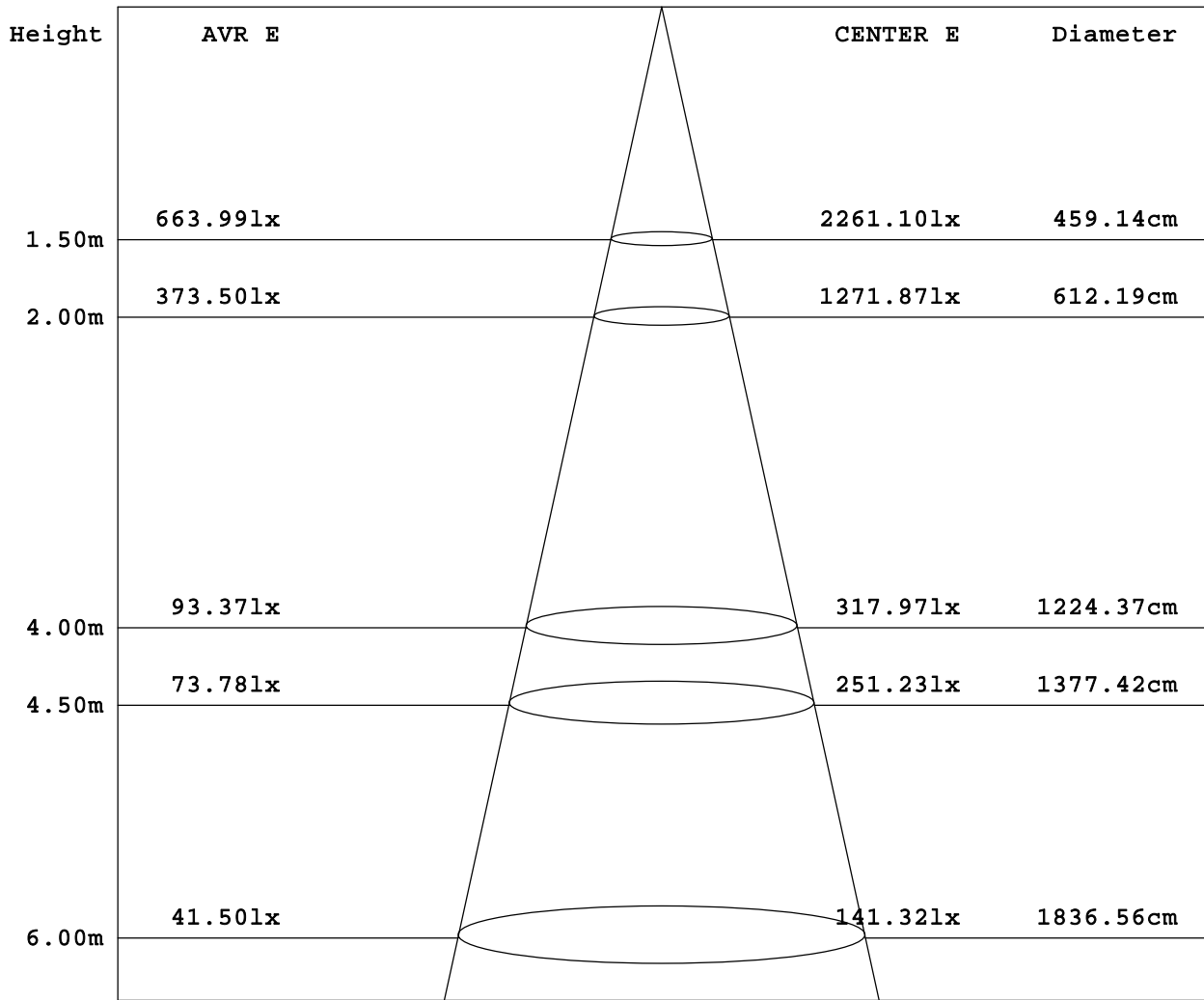
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年07月06日

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTC-100W	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-100W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	5037	5051	5081	5047	5031	5032	5061	5037	0- 5	121.0	121.0
10.0	4987	4997	5040	4989	4975	4958	4998	4967	5- 10	358.7	479.7
15.0	4937	4925	4965	4913	4919	4866	4897	4879	10- 15	586.7	1066
20.0	4773	4837	4850	4820	4749	4755	4759	4772	15- 20	798.1	1865
25.0	4610	4656	4696	4634	4578	4555	4579	4579	20- 25	983.5	2848
30.0	4447	4447	4504	4419	4408	4325	4357	4355	25- 30	1140	3988
35.0	4157	4218	4265	4184	4110	4074	4097	4111	30- 35	1261	5249
40.0	3867	3955	3989	3915	3811	3796	3786	3841	35- 40	1335	6584
45.0	3576	3592	3657	3545	3513	3412	3426	3467	40- 45	1365	7949
50.0	3148	3210	3276	3156	3075	3021	3024	3082	45- 50	1345	9293
55.0	2721	2814	2859	2754	2638	2616	2567	2690	50- 55	1265	10558
60.0	2293	2314	2384	2247	2200	2113	2072	2194	55- 60	1136	11694
65.0	1749	1817	1868	1742	1662	1617	1582	1704	60- 65	959.0	12653
70.0	1206	1300	1366	1229	1123	1133	1031	1213	65- 70	737.1	13390
75.0	663.1	775.4	790.6	719.4	584.9	668.6	512.5	723.8	70- 75	487.0	13877
80.0	445.1	318.0	404.3	279.2	395.6	269.3	223.4	302.0	75- 80	264.0	14141
85.0	227.1	163.2	129.2	147.0	206.3	140.1	38.36	155.8	80- 85	130.2	14271
90.0	9.150	11.57	26.34	16.97	17.08	17.52	5.402	12.45	85- 90	43.50	14315
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	

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
 Remarks:

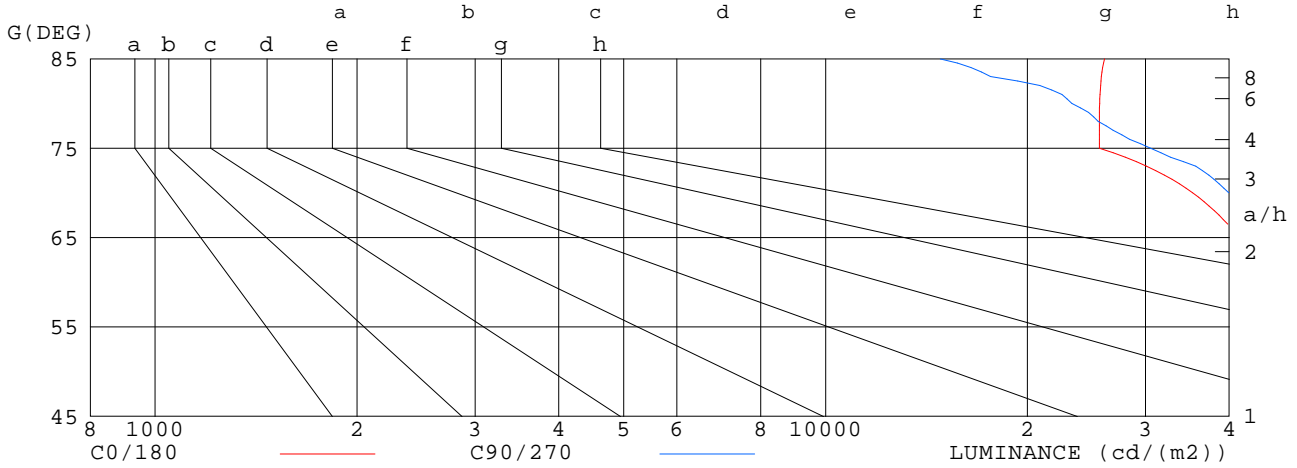
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTC-100W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

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



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	26063	14826
80	25635	23288
75	25622	30547
70	35270	39936
65	41396	44202
60	45853	47679
55	47431	49838
50	48981	50968
45	50576	51715

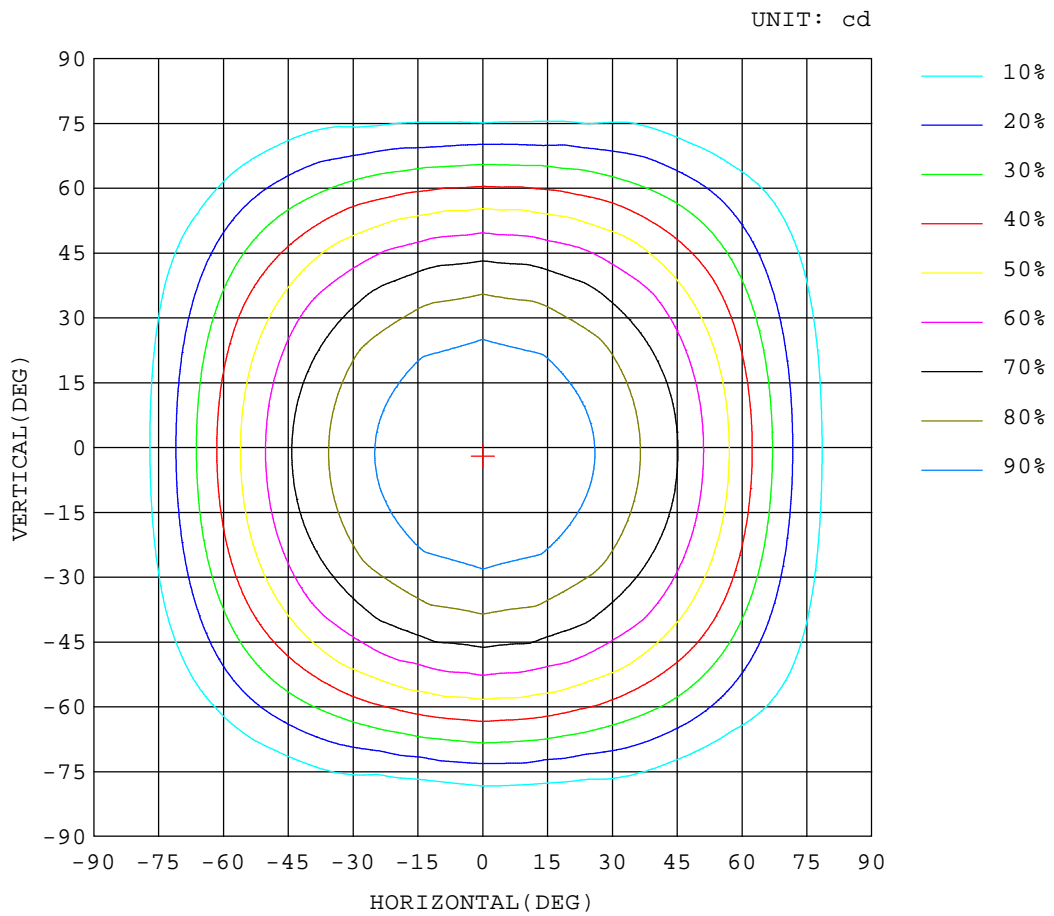
Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019年07月06日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTC-100W	TYPE:	WEIGHT:
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
 Remarks:

Uncorrected UGR Table

Report number:

MANUFACTURER: LI TIAN						Address:				
NAME: LTC-100W						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	26.5	28.0	26.7	28.2	28.4	26.6	28.1	26.9	28.3	28.5
3H	27.7	29.1	28.0	29.3	29.5	28.0	29.4	28.3	29.6	29.8
4H	28.0	29.3	28.3	29.6	29.8	28.4	29.7	28.7	29.9	30.2
6H	28.2	29.5	28.6	29.7	30.0	28.6	29.8	28.9	30.1	30.3
8H	28.3	29.5	28.7	29.8	30.1	28.6	29.8	28.9	30.1	30.3
12H	28.4	29.5	28.7	29.8	30.1	28.6	29.7	28.9	30.0	30.3
4H 2H	27.1	28.4	27.4	28.6	28.9	27.2	28.5	27.5	28.7	29.0
3H	28.4	29.6	28.8	29.9	30.2	28.7	29.8	29.0	30.1	30.4
4H	28.8	29.9	29.2	30.2	30.5	29.1	30.2	29.5	30.5	30.8
6H	29.1	30.1	29.5	30.4	30.8	29.4	30.3	29.8	30.7	31.0
8H	29.3	30.1	29.7	30.5	30.9	29.5	30.3	29.9	30.7	31.1
12H	29.4	30.2	29.8	30.6	31.0	29.5	30.3	29.9	30.6	31.0
8H 4H	29.0	29.8	29.4	30.2	30.6	29.3	30.1	29.7	30.5	30.9
6H	29.4	30.1	29.8	30.5	30.9	29.6	30.3	30.1	30.7	31.2
8H	29.6	30.2	30.1	30.6	31.1	29.7	30.3	30.2	30.8	31.2
12H	29.8	30.3	30.3	30.8	31.3	29.8	30.3	30.2	30.7	31.2
12H 4H	28.9	29.7	29.4	30.1	30.5	29.3	30.0	29.7	30.4	30.8
6H	29.4	30.0	29.8	30.4	30.9	29.6	30.2	30.1	30.7	31.1
8H	29.6	30.2	30.1	30.6	31.1	29.7	30.3	30.2	30.7	31.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 14315 lm Total Lamp Luminous Flux. (8log(F/F0) = 9.2)

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
 Remarks: