

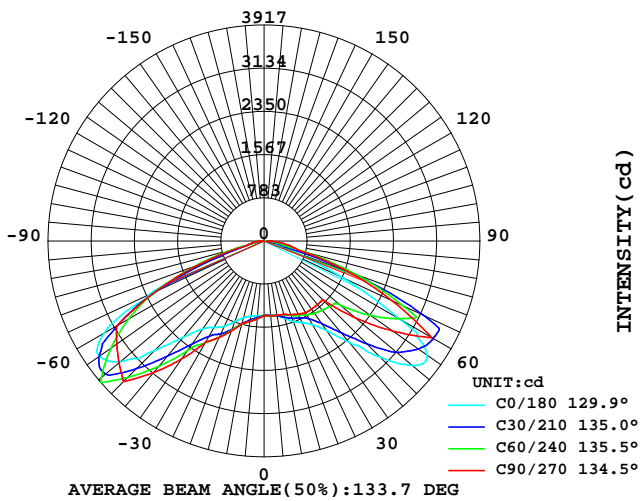
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

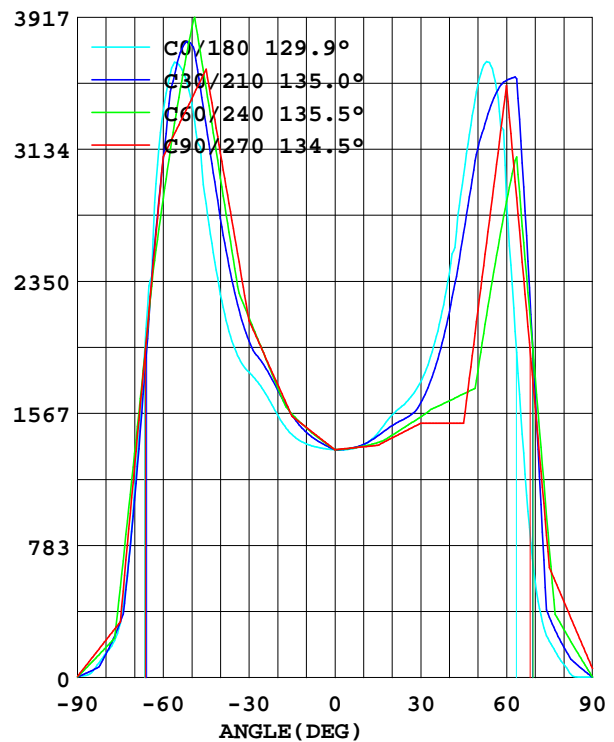
MANUFACTURER: LITIAN	Address:	
NAME: LT-YC-75W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	4022	S/MH(C0/180)	2.62
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	2.54
NOMINAL POWER(W)	76	TOTAL FLUX(lm)	10573	Voltage(V)	219.5
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	140.7	Current(A)	0.347
NOMINAL FLUX(lm)	10573.4	η up(%)	0.0	Power(W)	75.16
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.984
TEST VOLTAGE(V)	219.5	Effective Flux(lm)	10360.2	EEI	0.099

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年11月17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: LITIAN	Address:	
NAME: LT-YC-75W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

---

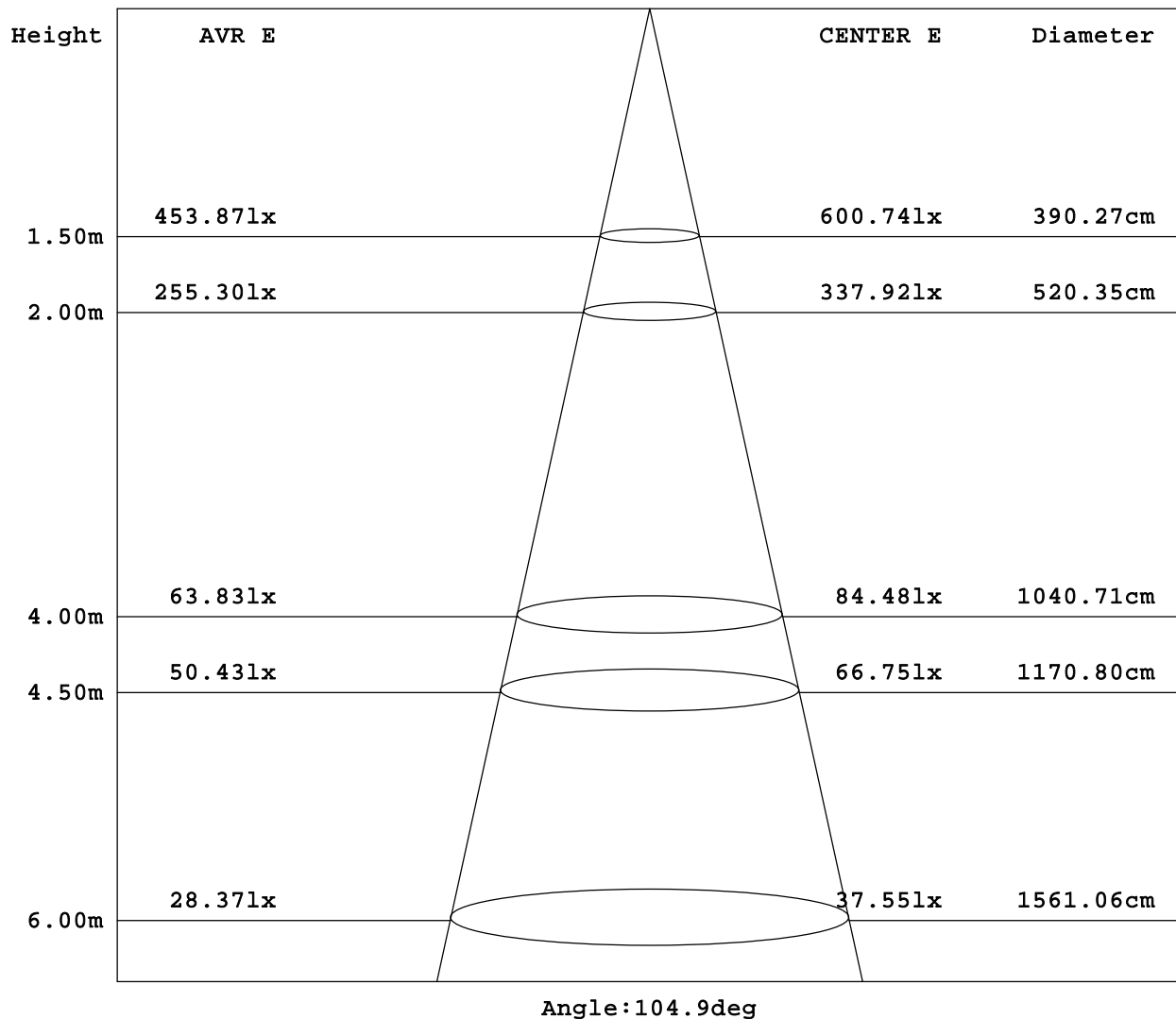
Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年11月17日

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: LITIAN	Address:	
NAME: LT-YC-75W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2018年11月17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: LITIAN	Address:	
NAME: LT-YC-75W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1362	1405	1418	1402	1355	1359	1360	1364	0- 5	32.74	32.74
10.0	1386	1473	1484	1475	1380	1378	1369	1384	5- 10	100.1	132.9
15.0	1442	1571	1551	1578	1449	1415	1378	1416	10- 15	172.0	304.9
20.0	1559	1714	1740	1695	1559	1462	1422	1469	15- 20	252.4	557.3
25.0	1704	1923	1928	1869	1633	1519	1465	1546	20- 25	344.6	902.0
30.0	1812	2147	2117	2099	1753	1601	1509	1627	25- 30	445.9	1348
35.0	1953	2417	2614	2407	1995	1735	1509	1730	30- 35	566.7	1915
40.0	2273	2800	3111	2818	2400	1921	1509	1876	35- 40	730.4	2645
45.0	2811	3317	3608	3288	2979	2066	1509	2043	40- 45	942.2	3587
50.0	3407	3731	3435	3635	3518	2225	2177	2265	45- 50	1183	4770
55.0	3645	3934	3262	3741	3613	2394	2845	2523	50- 55	1385	6155
60.0	3357	3029	3089	2793	2828	2443	3513	2639	55- 60	1465	7620
65.0	2323	1988	2169	1765	1555	2157	2559	2400	60- 65	1311	8931
70.0	1115	1118	1250	940.4	566.7	1469	1606	1722	65- 70	900.1	9831
75.0	322.5	570.4	330.1	492.9	215.7	757.6	652.1	883.9	70- 75	460.9	10292
80.0	144.9	142.7	222.1	153.8	78.16	226.4	452.6	220.2	75- 80	174.7	10467
85.0	29.76	71.83	114.0	76.32	3.307	112.4	253.0	109.0	80- 85	79.69	10547
90.0	9.371	2.315	5.953	2.425	4.410	2.205	53.58	2.315	85- 90	26.68	10573
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:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年11月17日

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

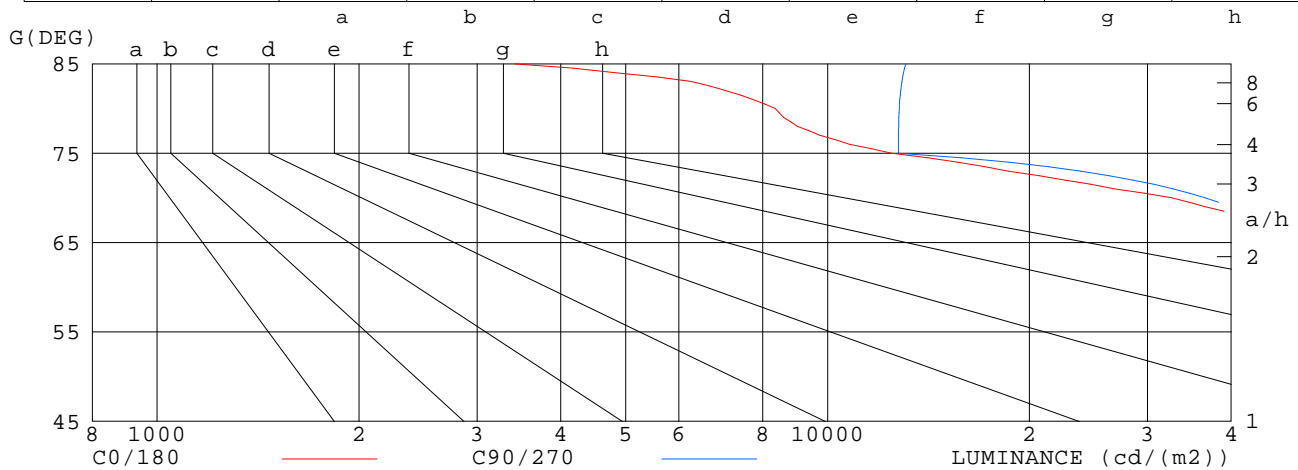
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-YC-75W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

### LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
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	3415	13084
80	8349	12791
75	12464	12758
70	32599	36543
65	54974	51334
60	67140	61782
55	63542	56872
50	53001	53439
45	39757	51024

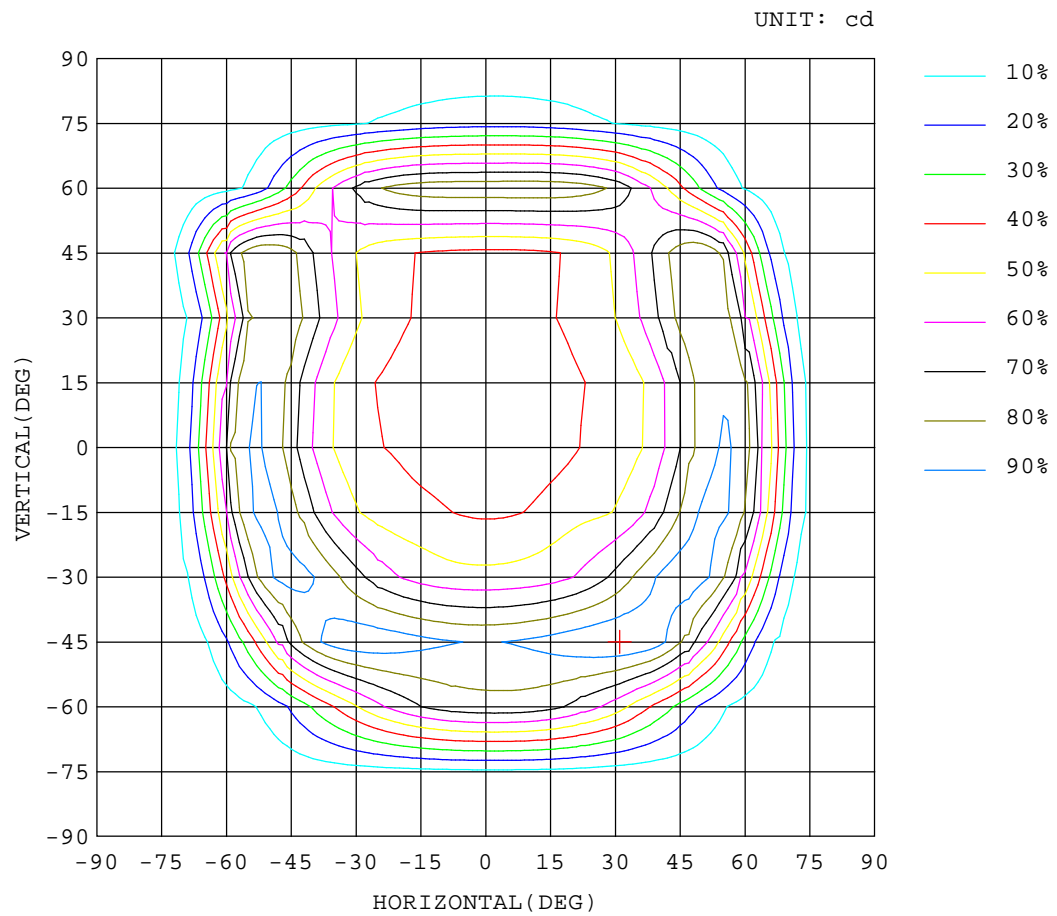
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年11月17日

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

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-YC-75W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年11月17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: LITIAN					Address:					
NAME: LT-YC-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	29.0	30.8	29.3	31.0	31.2	28.7	30.4	28.9	30.6	30.8
3H	29.8	31.4	30.1	31.6	31.9	29.8	31.4	30.1	31.6	31.9
4H	29.8	31.3	30.1	31.6	31.8	29.8	31.3	30.1	31.6	31.9
6H	29.7	31.1	30.0	31.4	31.7	29.7	31.2	30.1	31.5	31.8
8H	29.6	31.0	30.0	31.3	31.6	29.7	31.1	30.1	31.4	31.7
12H	29.6	30.9	29.9	31.2	31.5	29.7	31.0	30.1	31.3	31.6
4H 2H	29.5	31.0	29.8	31.3	31.5	29.2	30.7	29.5	31.0	31.3
3H	30.3	31.6	30.6	31.9	32.2	30.4	31.7	30.7	32.0	32.3
4H	30.3	31.5	30.7	31.8	32.2	30.5	31.7	30.8	32.0	32.3
6H	30.2	31.3	30.6	31.7	32.0	30.5	31.5	30.9	31.9	32.3
8H	30.2	31.2	30.6	31.6	32.0	30.5	31.4	30.9	31.8	32.2
12H	30.2	31.1	30.6	31.5	31.9	30.4	31.4	30.9	31.7	32.2
8H 4H	30.3	31.3	30.7	31.7	32.0	30.4	31.4	30.9	31.8	32.2
6H	30.3	31.1	30.7	31.5	31.9	30.5	31.3	30.9	31.7	32.1
8H	30.2	31.0	30.7	31.4	31.8	30.5	31.2	31.0	31.6	32.1
12H	30.2	30.8	30.7	31.3	31.8	30.5	31.1	31.0	31.6	32.1
12H 4H	30.3	31.2	30.7	31.6	32.0	30.4	31.3	30.8	31.7	32.1
6H	30.2	31.0	30.7	31.4	31.8	30.4	31.2	30.9	31.6	32.0
8H	30.2	30.8	30.7	31.3	31.8	30.5	31.1	31.0	31.5	32.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
1.5H	+ 1.0 / - 1.0					+ 0.5 / - 0.9				
2.0H	+ 0.8 / - 2.7					+ 0.4 / - 1.2				

CIE Pub.117 Corrected 10573 lm Total Lamp Luminous Flux. ( $8\log(F/F_0) = 8.2$ )

Test System:HOPPO HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年11月17日

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