

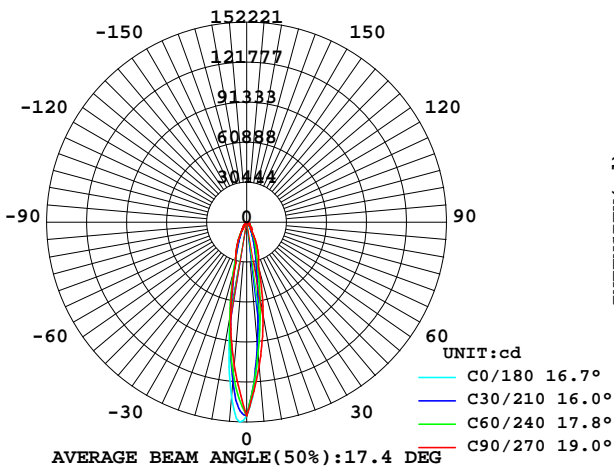
## STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

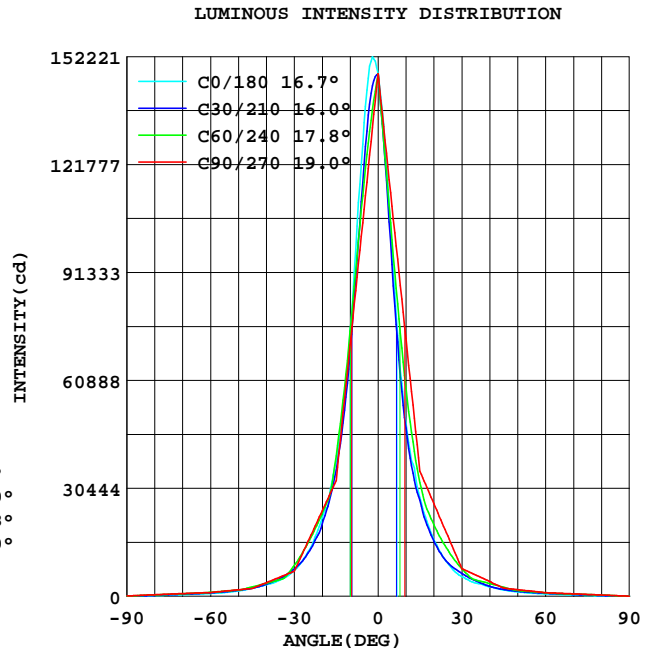
MANUFACTURER: LI TIAN	Address:	
NAME: 投射灯	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:		I <sub>max</sub> (cd):	152221	Effective Flux(lm):	20984.0
NOMINAL POWER(W):	228	MAXIMUM(C, γ):	0, 2.0	EEI	0.146
RATED VOLTAGE(V):	216	EFFICIENCY(%):	100.0	Voltage(V)	221.0
NOMINAL FLUX(lm):	31874.4	η street_up(%):	0.0	Current(A)	1.039
TEST FLUX(lm):	31874	η street_down(%):	49.7	Power(W)	224.5
LAMPS QUANTITY:	1	η house_up(%):	0.0	Power Factor	0.978
TOTAL FLUX(lm):	31874	η house_down(%):	50.3	EFFICIENCY(lm/W)	142.0

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年08月30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:

MANUFACTURER: LI TIAN	Address:	
NAME: 投射灯	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

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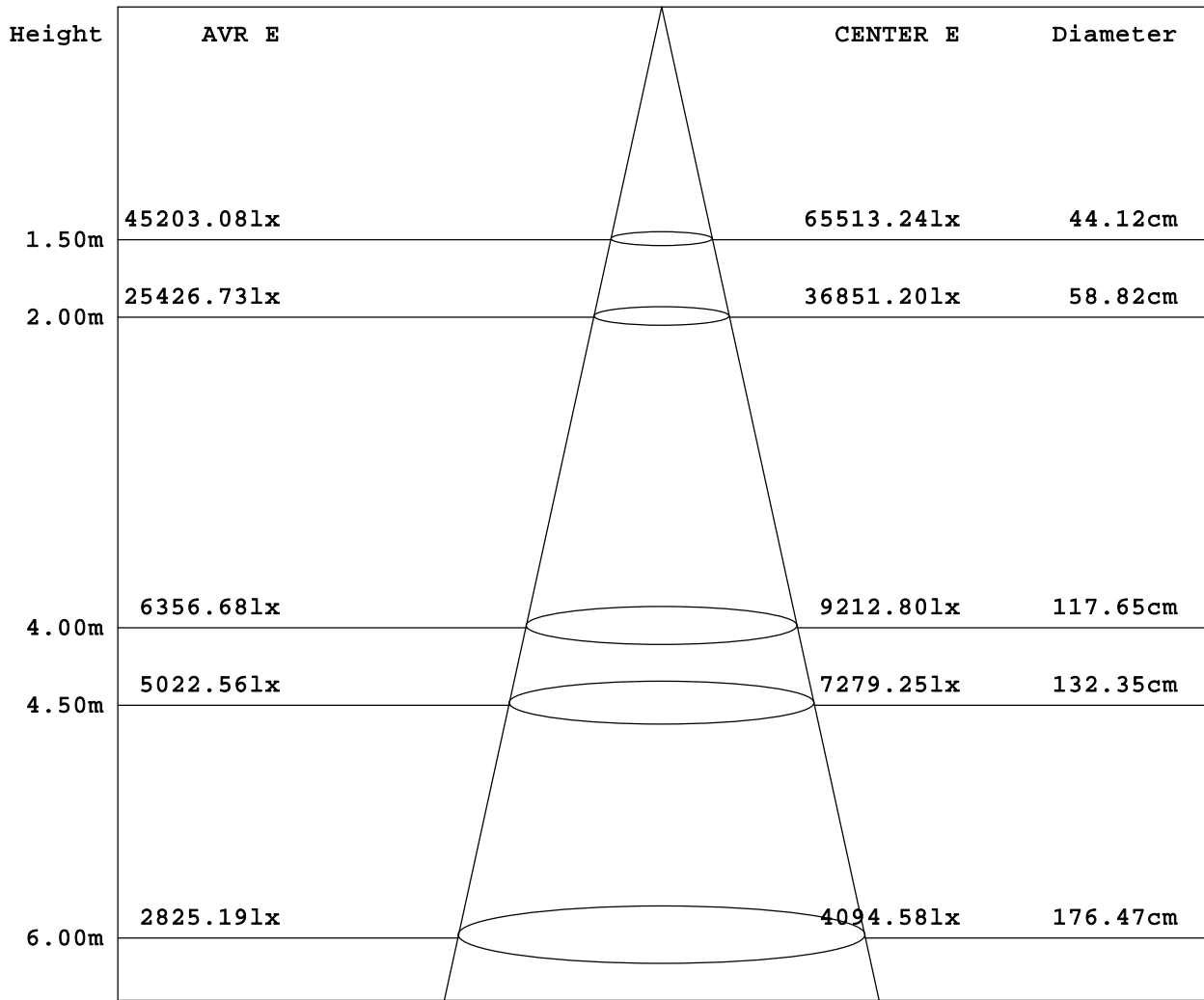
Test System:HOPOO HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2019年08月30日

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

**AVERAGE AND CENTER E Figure**

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: 投射灯	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:16.7deg

Test System:HOPPO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年08月30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: 投射灯	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	1335	1192	1091	958.0	970.5	963.0	1100	1198	0- 5	2966	2966
10.0	743.2	723.9	708.8	508.6	487.3	512.3	726.5	731.5	5- 10	5938	8904
15.0	382.9	380.2	326.2	279.7	278.2	286.4	352.7	385.3	10- 15	5478	14381
20.0	220.9	216.1	241.0	168.5	159.7	173.2	261.3	218.6	15- 20	4236	18617
25.0	126.3	136.9	155.8	105.5	92.15	109.0	169.9	139.5	20- 25	3408	22025
30.0	72.31	85.05	70.63	68.08	55.72	70.91	78.50	86.17	25- 30	2490	24515
35.0	46.35	54.65	54.57	44.92	37.30	46.92	60.05	56.13	30- 35	1738	26253
40.0	32.81	34.22	38.50	27.44	26.95	28.60	41.59	36.47	35- 40	1347	27599
45.0	23.18	24.09	22.44	20.31	17.92	21.22	23.14	23.83	40- 45	1024	28624
50.0	15.23	17.61	18.56	14.61	12.46	15.63	18.83	16.83	45- 50	769.4	29393
55.0	10.71	12.48	14.68	10.37	8.767	11.40	14.51	11.98	50- 55	613.2	30006
60.0	7.952	10.08	10.80	8.582	6.939	9.075	10.20	9.672	55- 60	492.8	30499
65.0	6.358	8.166	9.254	7.027	5.265	7.248	8.603	7.761	60- 65	402.7	30902
70.0	4.736	6.520	7.700	5.603	3.762	5.644	6.999	6.233	65- 70	336.9	31239
75.0	3.182	4.907	6.147	4.160	2.353	4.149	5.395	4.834	70- 75	269.3	31508
80.0	1.932	3.252	4.476	2.782	1.122	2.708	3.746	3.388	75- 80	196.9	31705
85.0	0.860	1.666	2.804	1.426	0.103	1.384	2.097	1.739	80- 85	120.5	31826
90.0	0.155	0.129	1.133	0.132	0.046	0.094	0.449	0.140	85- 90	48.65	31874
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:×100cd									UNIT:lm	

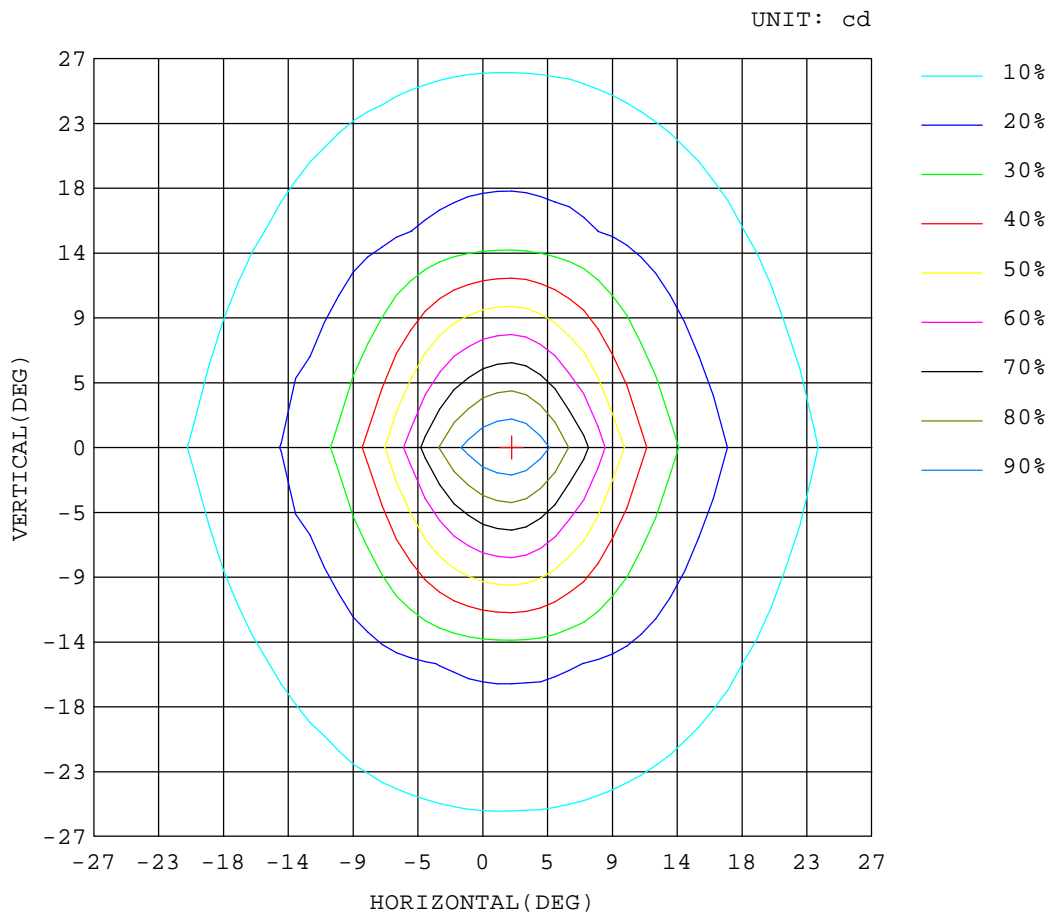
Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年08月30日

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

# ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: 投射灯	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年08月30日

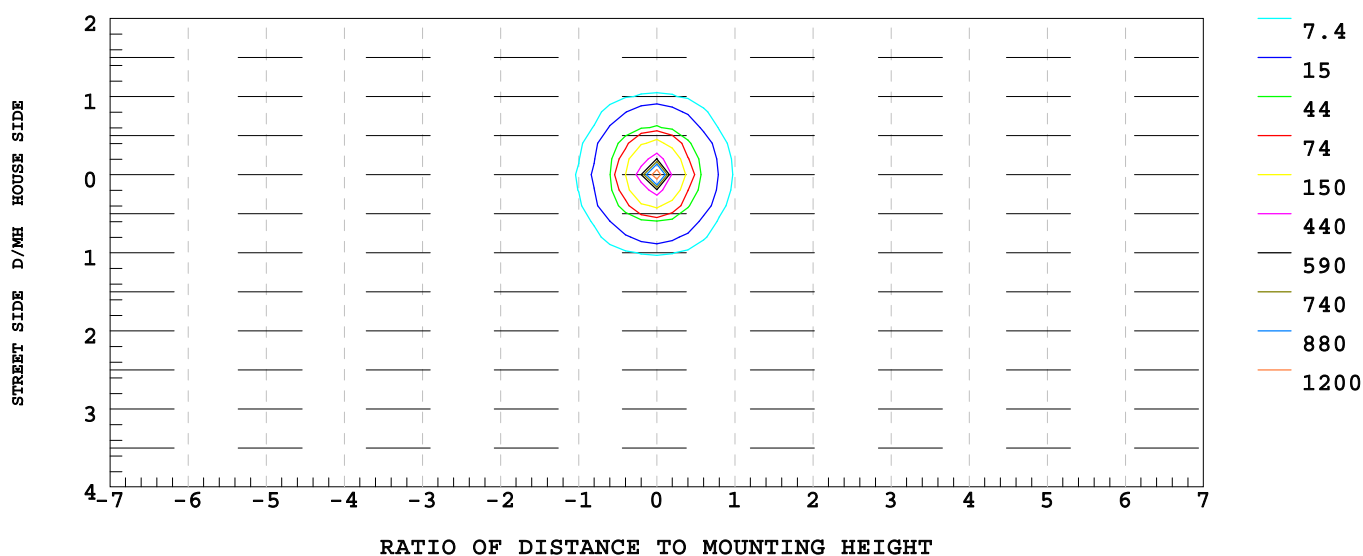
Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:10.500 m  
 Remarks:

# ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: 投射灯	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 1474.05 lx



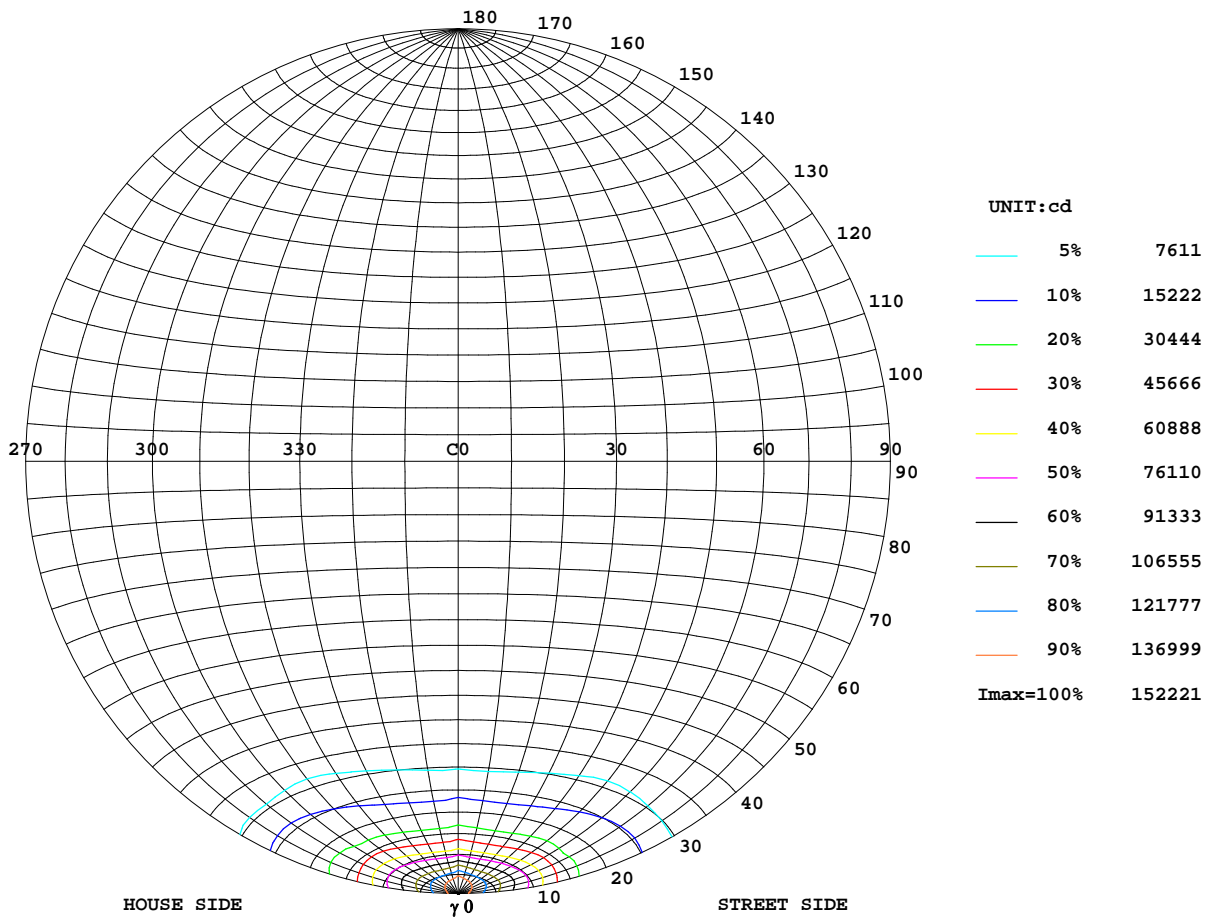
Test System: HOPOO HPG1900  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2019年08月30日

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

# ISOCANDELA DIAGRAM

Report number:

<b>MANUFACTURER:</b> LI TIAN	<b>Address:</b>	
<b>NAME:</b> 投射灯	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>



Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年08月30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: 投射灯						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	19.3	20.1	19.5	20.3	20.4	20.3	21.1	20.5	21.3	21.4	
3H	20.0	20.8	20.3	21.0	21.2	21.4	22.2	21.7	22.4	22.6	
4H	20.4	21.1	20.6	21.3	21.6	22.1	22.8	22.3	23.1	23.3	
6H	20.6	21.3	20.9	21.6	21.8	22.7	23.5	23.0	23.7	23.9	
8H	20.7	21.4	21.0	21.6	21.9	23.0	23.7	23.3	24.0	24.2	
12H	20.7	21.4	21.0	21.6	21.9	23.3	24.0	23.6	24.3	24.5	
4H 2H	19.7	20.5	20.0	20.7	20.9	20.6	21.3	20.8	21.6	21.8	
3H	20.8	21.4	21.1	21.7	22.0	22.0	22.7	22.3	22.9	23.2	
4H	21.2	21.9	21.6	22.2	22.5	22.8	23.4	23.2	23.7	24.0	
6H	21.6	22.1	22.0	22.5	22.8	23.6	24.2	24.0	24.5	24.9	
8H	21.7	22.2	22.1	22.5	22.9	24.0	24.5	24.4	24.9	25.3	
12H	21.7	22.2	22.1	22.6	23.0	24.4	24.9	24.8	25.2	25.6	
8H 4H	21.6	22.1	22.0	22.5	22.8	23.0	23.5	23.4	23.9	24.2	
6H	22.1	22.5	22.5	22.9	23.3	24.0	24.4	24.4	24.8	25.2	
8H	22.3	22.6	22.7	23.0	23.5	24.5	24.9	25.0	25.3	25.7	
12H	22.3	22.7	22.8	23.1	23.6	25.0	25.4	25.5	25.8	26.3	
12H 4H	21.7	22.1	22.1	22.5	22.9	23.0	23.4	23.4	23.8	24.2	
6H	22.2	22.6	22.7	23.0	23.4	24.0	24.4	24.5	24.8	25.3	
8H	22.4	22.7	22.9	23.2	23.7	24.6	24.9	25.1	25.4	25.8	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.5 / - 0.6					+ 0.3 / - 0.4					
1.5H	+ 0.6 / - 0.6					+ 0.5 / - 0.3					
2.0H	+ 0.9 / - 0.8					+ 0.4 / - 0.4					

CIE Pub.117 Corrected 31874 lm Total Lamp Luminous Flux. (8log(F/F0) = 12.0)

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