

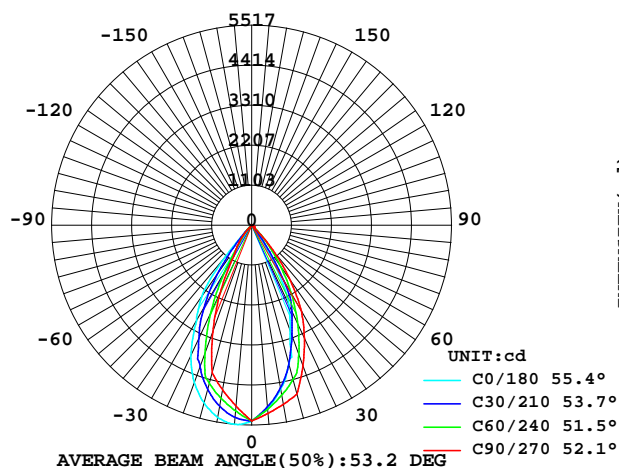
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

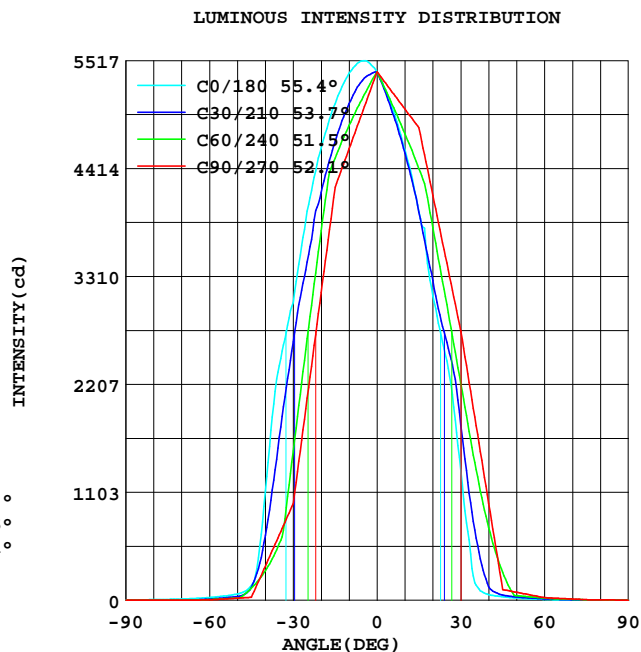
MANUFACTURER: LI TIAN LIGHTING	Address:	
NAME: LT-SL-40W-30K/55°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	5517	Effective Flux(lm):	3826.9
NOMINAL POWER(W):	40	MAXIMUM(C, γ):	0, 5.0	EEI	0.140
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.5
NOMINAL FLUX(lm):	3999.6	η street_up(%):	0.0	Current(A)	0.183
TEST FLUX(lm):	4000	η street_down(%):	42.4	Power(W)	39.22
LAMPS QUANTITY:	1	η house_up(%):	0.0	Power Factor	0.974
TOTAL FLUX(lm):	4000	η house_down(%):	57.6	EEFICIENCY(lm/W)	102.0

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年12月24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: 射灯	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

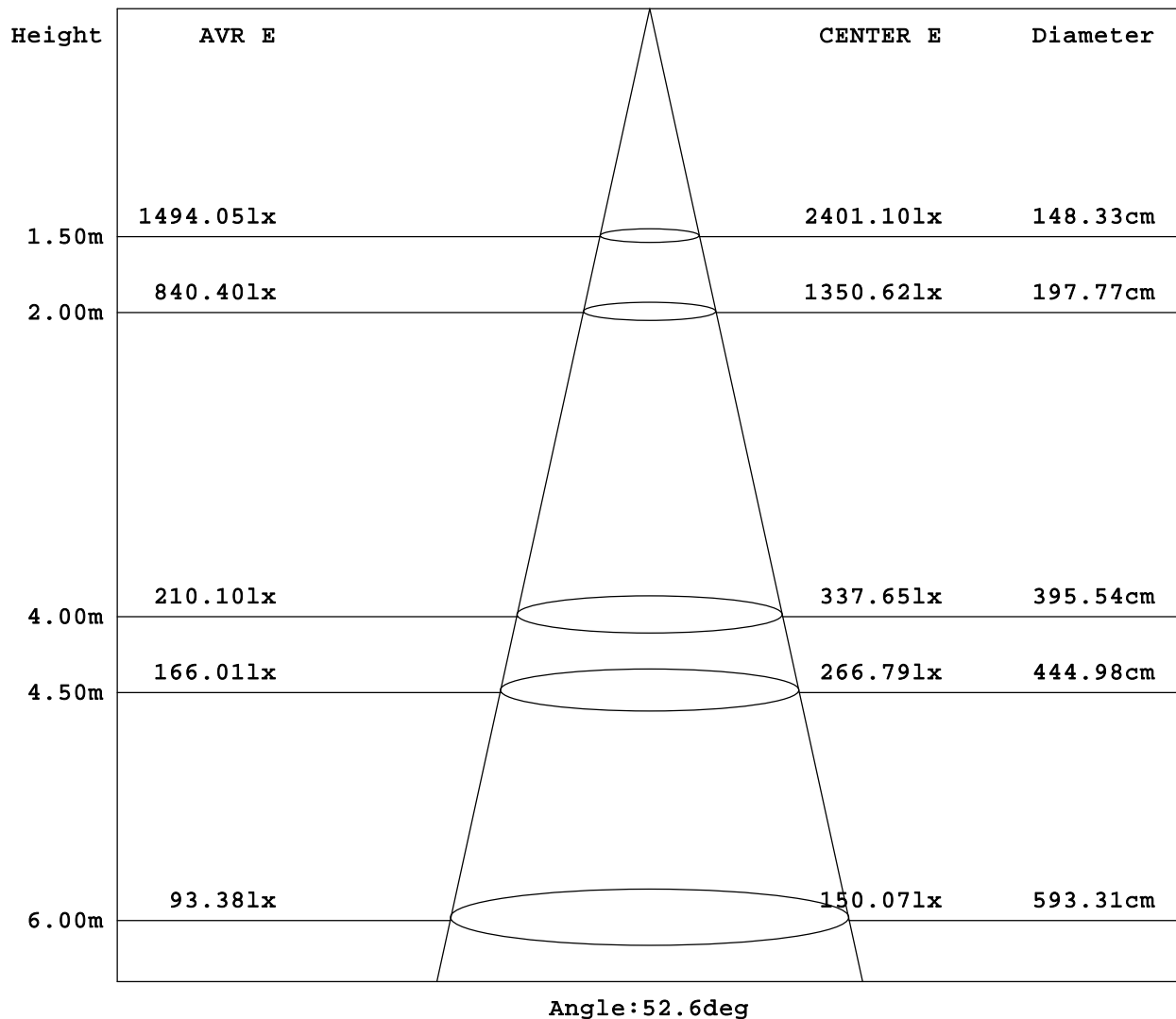
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年12月24日

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

AVERAGE AND CENTER E Figure

Report number:

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



Test System: HOP00 HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年12月24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: 射灯	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	5517	5232	5010	4911	5067	5054	5212	5371	0- 5	125.4	125.4
10.0	5389	4963	4617	4362	4603	4650	5021	5220	5- 10	356.8	482.3
15.0	5078	4603	4224	3732	3977	4163	4831	4981	10- 15	548.5	1031
20.0	4623	4147	3146	3066	3111	3562	4139	4674	15- 20	675.0	1706
25.0	3978	3120	2067	2131	2445	2697	3447	3991	20- 25	700.1	2406
30.0	3044	1961	988.9	1178	1333	1828	2755	3230	25- 30	623.3	3029
35.0	2397	936.5	669.5	380.0	178.1	930.8	1873	2414	30- 35	462.6	3492
40.0	1120	168.4	350.0	47.32	58.65	157.1	991.4	1539	35- 40	292.3	3784
45.0	150.9	81.98	30.64	29.45	36.60	71.83	109.8	755.9	40- 45	133.9	3918
50.0	64.38	38.47	21.75	17.75	23.48	43.15	82.17	258.0	45- 50	38.25	3957
55.0	42.55	15.54	12.86	9.113	14.77	29.03	54.53	43.48	50- 55	16.26	3973
60.0	28.88	9.689	3.969	5.331	8.820	19.69	26.90	31.08	55- 60	10.22	3983
65.0	19.51	4.769	2.829	2.199	5.292	12.09	20.13	20.09	60- 65	6.420	3989
70.0	13.45	1.939	1.690	0.563	3.417	7.099	13.37	12.30	65- 70	4.197	3994
75.0	9.481	1.244	0.551	0.483	2.425	4.462	6.615	7.603	70- 75	2.583	3996
80.0	7.056	0.602	0.772	0.507	2.315	2.309	4.998	3.682	75- 80	1.494	3998
85.0	6.063	0.884	0.992	0.967	2.094	1.643	3.381	2.456	80- 85	1.031	3999
90.0	5.181	1.102	1.212	1.433	2.535	1.102	1.764	1.212	85- 90	0.776	4000
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	

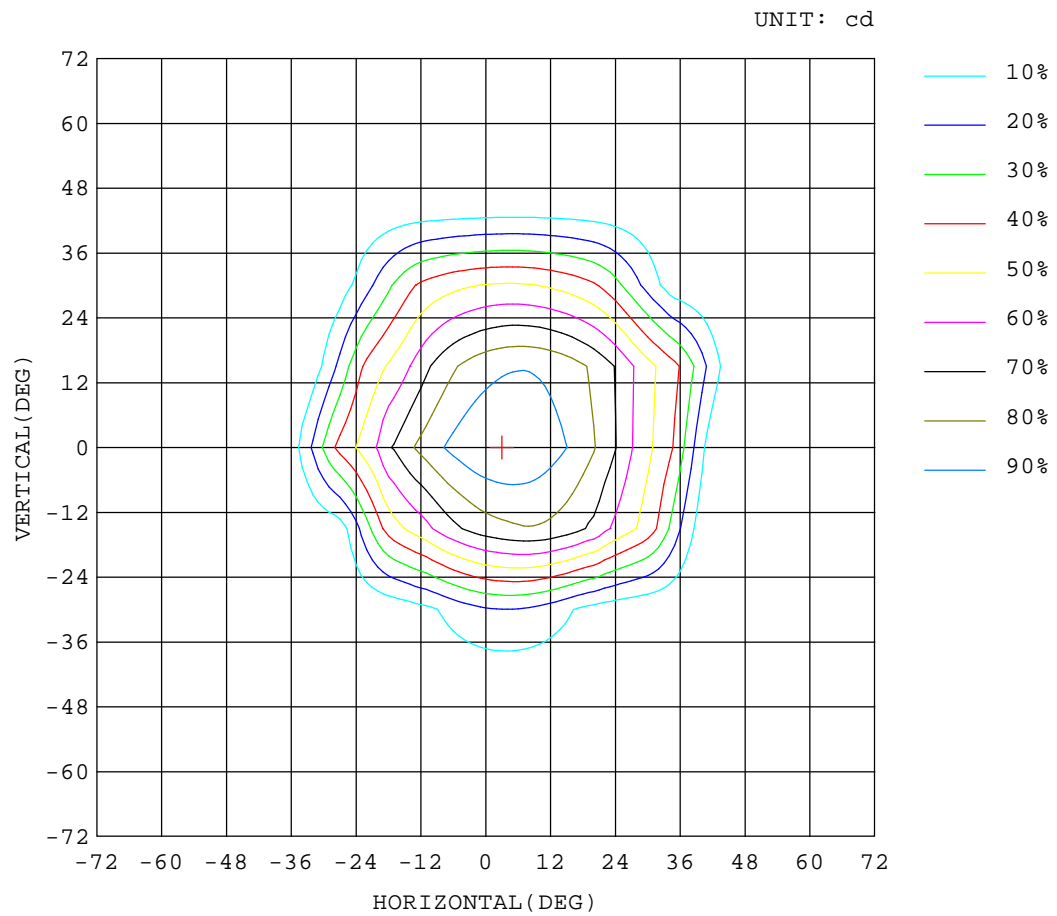
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ISOCANDELA DIAGRAM

Report number:

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NAME: 射灯	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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Test Date:2019年12月24日

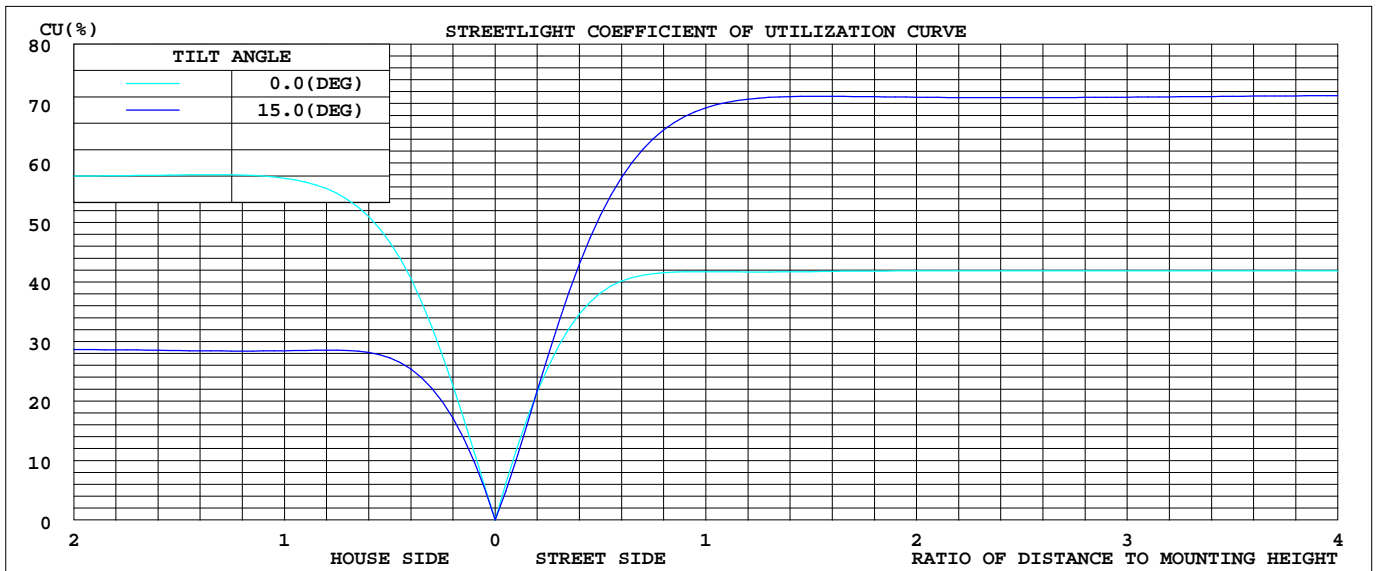
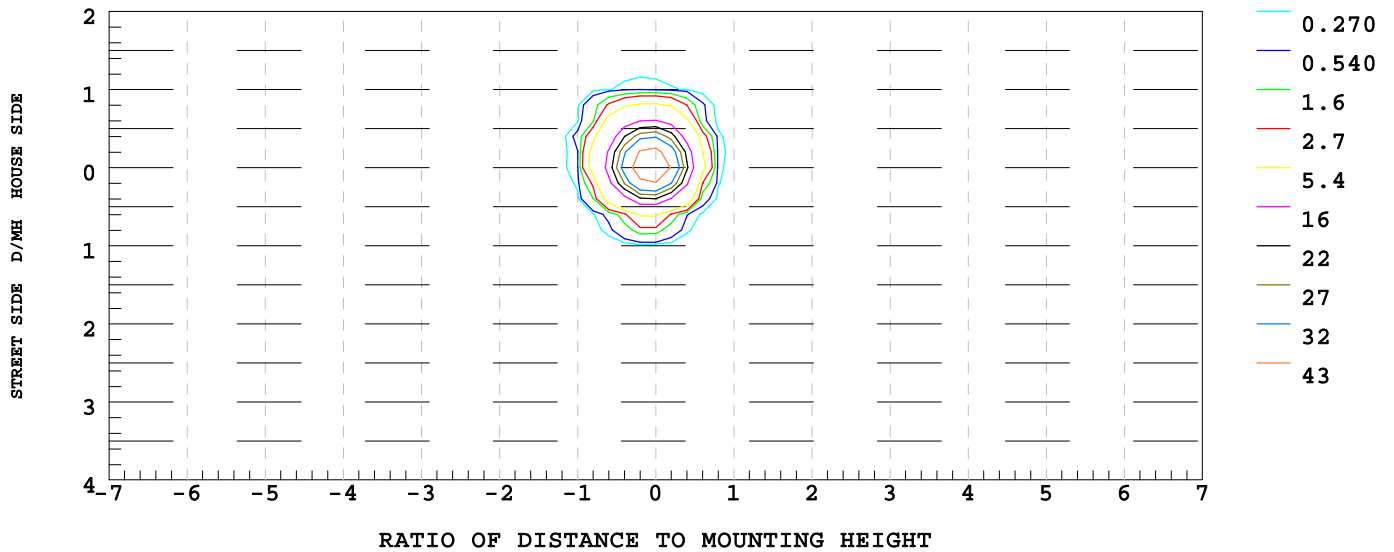
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Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOLUX DIAGRAM

Report number:

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NAME: 射灯	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, E_{nadir} = 54.02 lx



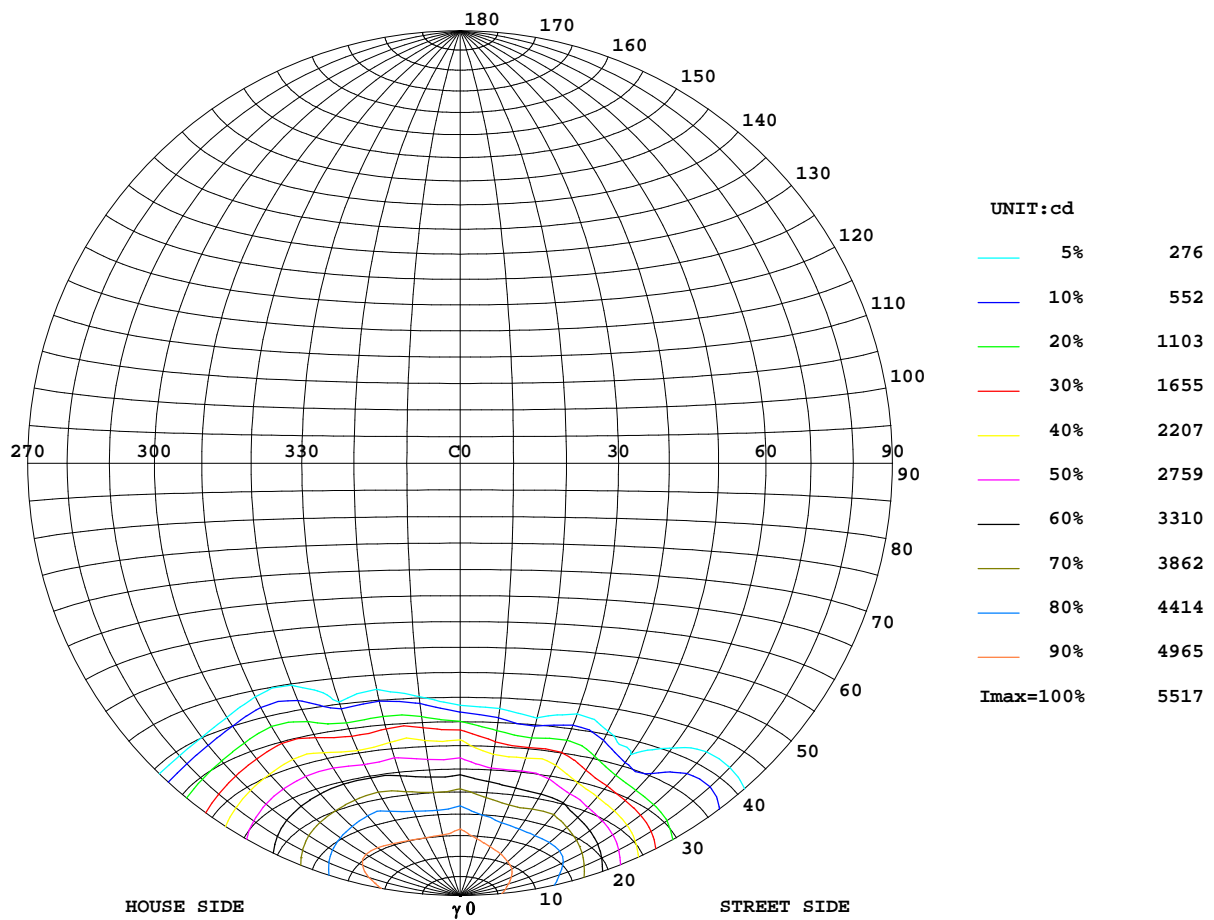
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Uncorrected UGR Table

Report number:

MANUFACTURER: LI TIAN						Address:				
NAME: 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	14.5	15.4	14.7	15.6	15.7	8.6	9.5	8.8	9.7	9.8
3H	14.3	15.2	14.6	15.4	15.6	8.4	9.3	8.7	9.5	9.7
4H	14.3	15.0	14.5	15.3	15.5	8.3	9.1	8.6	9.3	9.6
6H	14.2	14.9	14.5	15.2	15.4	8.2	9.0	8.5	9.2	9.5
8H	14.1	14.8	14.4	15.1	15.4	8.2	8.9	8.5	9.2	9.4
12H	14.1	14.8	14.4	15.0	15.3	8.2	8.8	8.5	9.1	9.4
4H 2H	14.2	15.0	14.5	15.3	15.5	8.3	9.1	8.6	9.4	9.6
3H	14.1	14.8	14.4	15.0	15.3	8.2	8.8	8.5	9.1	9.4
4H	14.0	14.6	14.3	14.9	15.2	8.1	8.7	8.4	9.0	9.3
6H	13.9	14.4	14.3	14.8	15.1	8.0	8.5	8.3	8.9	9.2
8H	13.8	14.3	14.2	14.7	15.1	7.9	8.4	8.3	8.8	9.1
12H	13.8	14.3	14.2	14.6	15.0	7.9	8.3	8.3	8.7	9.1
8H 4H	13.8	14.3	14.2	14.7	15.1	7.9	8.4	8.3	8.8	9.1
6H	13.7	14.1	14.2	14.5	15.0	7.8	8.2	8.2	8.6	9.0
8H	13.7	14.0	14.1	14.5	14.9	7.8	8.1	8.2	8.6	9.0
12H	13.6	13.9	14.1	14.4	14.9	7.7	8.0	8.2	8.5	8.9
12H 4H	13.8	14.2	14.2	14.6	15.0	7.9	8.3	8.3	8.7	9.1
6H	13.7	14.0	14.1	14.5	14.9	7.8	8.1	8.2	8.5	9.0
8H	13.6	13.9	14.1	14.4	14.9	7.7	8.0	8.2	8.5	8.9
Variations with the observer position at spacings:										
S = 1.0H	+ 5.9 / -15.8					+ 3.2 / -15.6				
1.5H	+ 8.6 / -15.1					+ 5.9 / -12.3				
2.0H	+ 7.3 / - 8.0					+ 3.2 / - 6.1				

CIE Pub.117 Corrected 4000 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.8)

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