

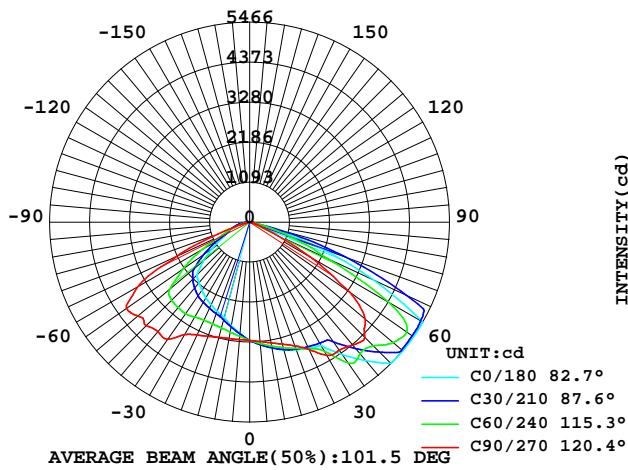
# STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

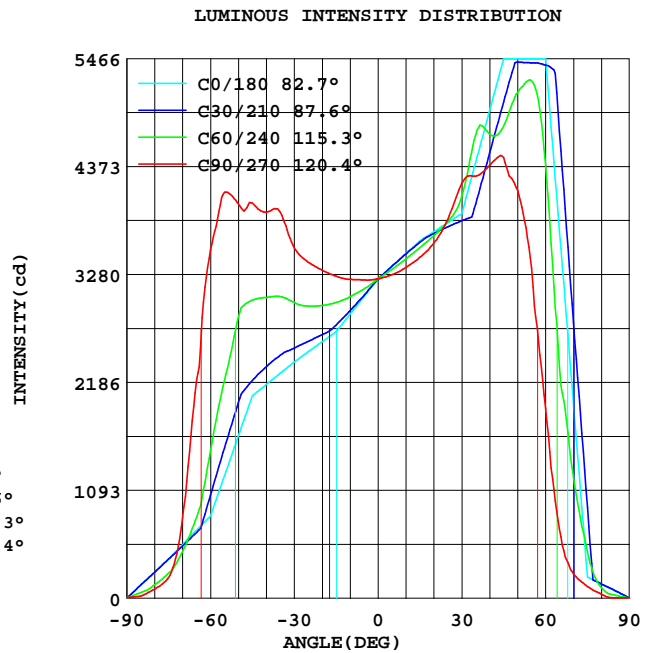
MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-100W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	5684	Effective Flux(lm):	13792.6
NOMINAL POWER(W):	98	MAXIMUM(C, $\gamma$ ):	230, 59.0	EEI	0.095
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.6
NOMINAL FLUX(lm):	14162.5	$\eta$ street_up(%):	0.0	Current(A)	0.447
TEST FLUX(lm):	14162	$\eta$ street_down(%):	50.2	Power(W)	96.62
LAMPS QUANTITY:	1	$\eta$ house_up(%):	0.0	Power Factor	0.983
TOTAL FLUX(lm):	14162	$\eta$ house_down(%):	49.8	EEFICIENCY(lm/W)	146.6

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年11月09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: L TOK-100W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

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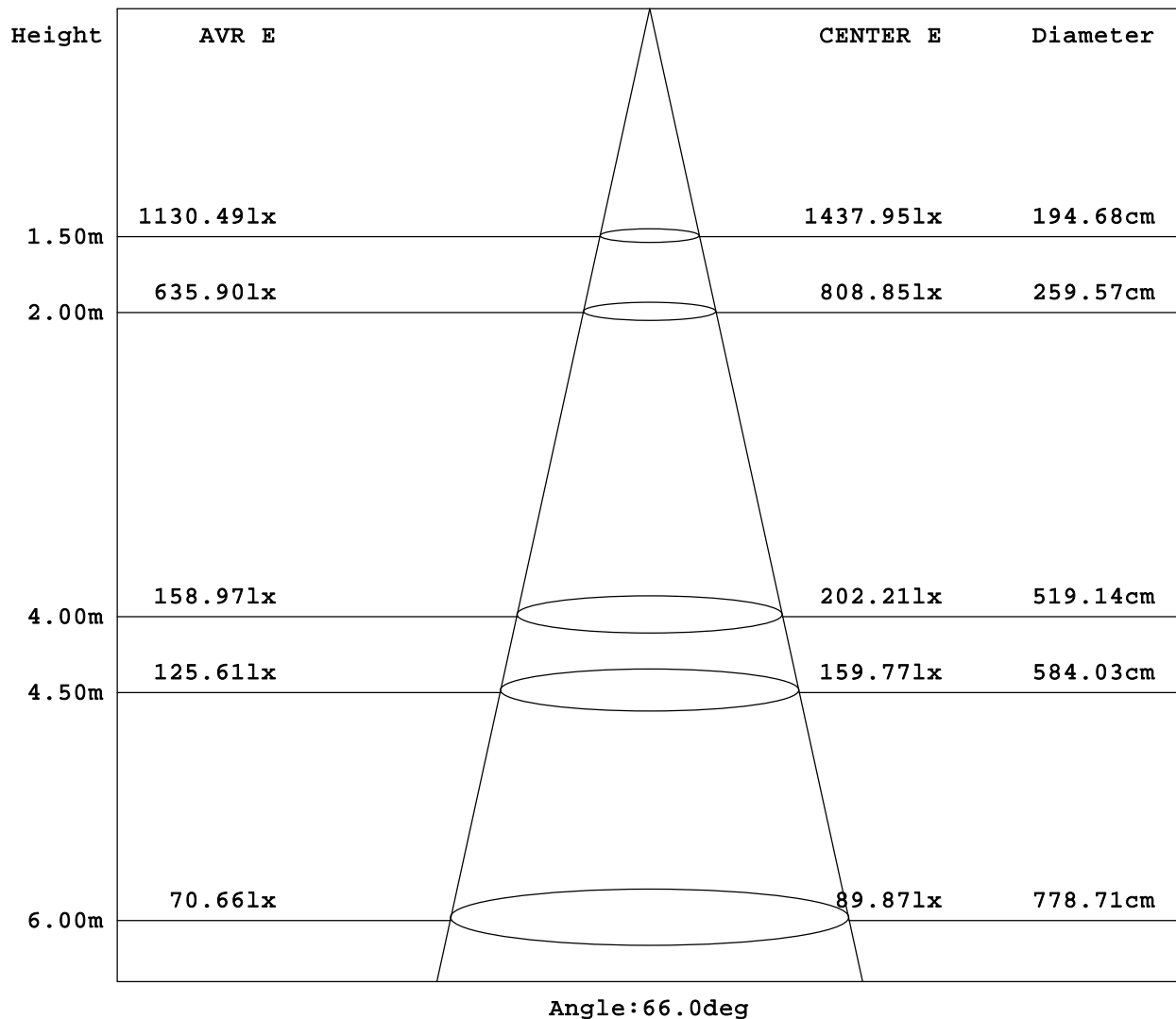
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Temperature:25.3DEG  
Operators:  
Test Date:2018年11月09日

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## AVERAGE AND CENTER E Figure

Report number:

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



Test System: HOP00 HPG1900  
Temperature: 25.3DEG  
Operators:  
Test Date: 2018年11月09日

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Test Distance: 10.500 m  
Remarks:

## ZONAL FLUX DIAGRAM

Report number:

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

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	3057	3096	3223	3313	3364	3350	3277	3138	0- 5	77.18	77.18
10.0	2879	2976	3230	3409	3492	3467	3350	3059	5- 10	230.9	308.1
15.0	2701	2872	3262	3504	3620	3580	3453	3003	10- 15	384.1	692.3
20.0	2599	2788	3323	3593	3712	3691	3600	2971	15- 20	537.7	1230
25.0	2496	2754	3404	3654	3804	3775	3840	2983	20- 25	693.2	1923
30.0	2394	2737	3549	3710	3896	3877	4204	2994	25- 30	852.7	2776
35.0	2280	2723	3913	3790	4419	4101	4275	2978	30- 35	1026	3802
40.0	2166	2682	3910	3964	4942	4768	4385	2882	35- 40	1216	5019
45.0	2052	2501	4003	4449	5465	5128	4462	2544	40- 45	1398	6417
50.0	1646	2231	3995	4979	5465	5126	4127	2071	45- 50	1526	7943
55.0	1240	1844	4114	5189	5466	5428	3349	1494	50- 55	1574	9517
60.0	834.8	1292	3529	5135	5466	5463	1920	1034	55- 60	1532	11049
65.0	688.9	768.8	2215	5024	3716	5626	701.9	667.5	60- 65	1338	12386
70.0	543.1	450.1	820.3	4236	1966	4648	248.1	438.7	65- 70	960.8	13347
75.0	397.3	318.4	208.4	2227	215.9	2235	119.5	312.7	70- 75	533.6	13881
80.0	265.5	195.0	92.94	369.3	144.7	252.8	41.78	194.8	75- 80	193.6	14075
85.0	133.7	97.96	22.49	195.3	73.53	111.2	3.417	96.02	80- 85	66.64	14141
90.0	1.984	3.858	8.930	1.874	2.315	2.205	4.299	4.740	85- 90	21.21	14162
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	

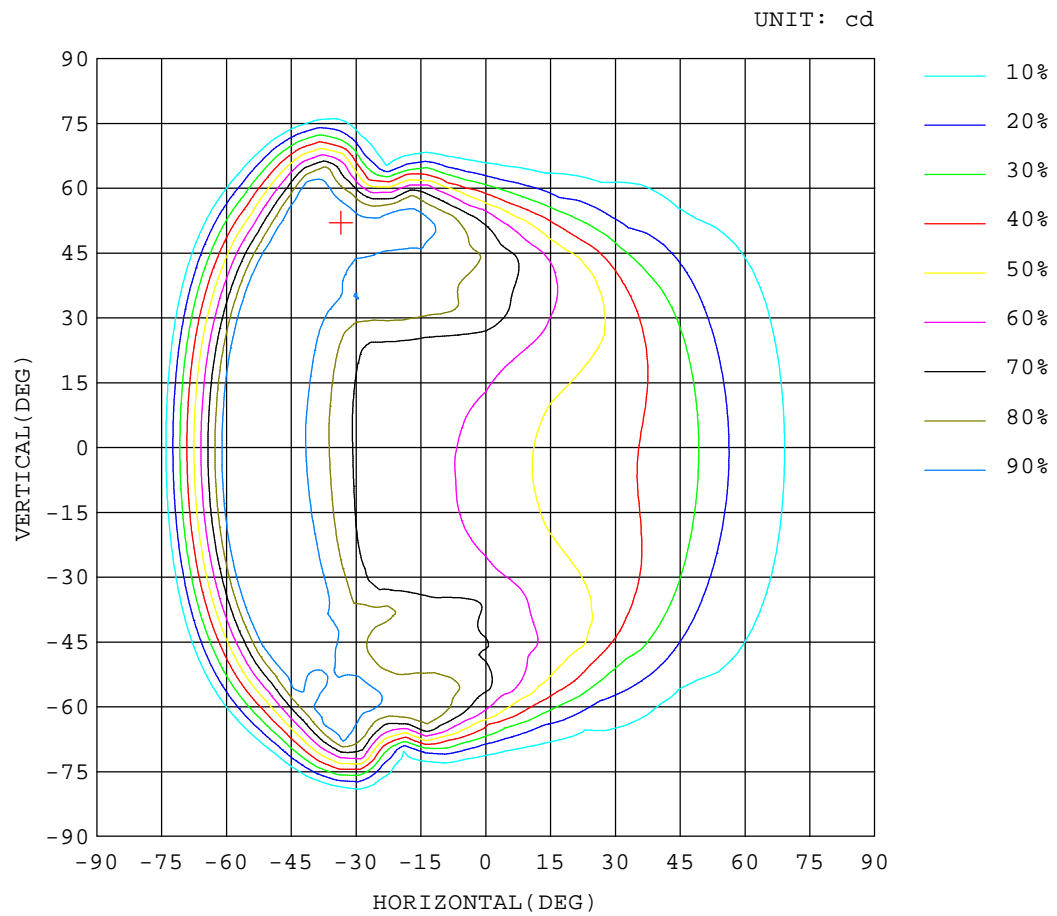
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 Operators:  
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## ISOCANDELA DIAGRAM

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SPECIFICATION:	DIMENSION:	SERIAL No.:



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Temperature:25.3DEG  
Operators:  
Test Date:2018年11月09日

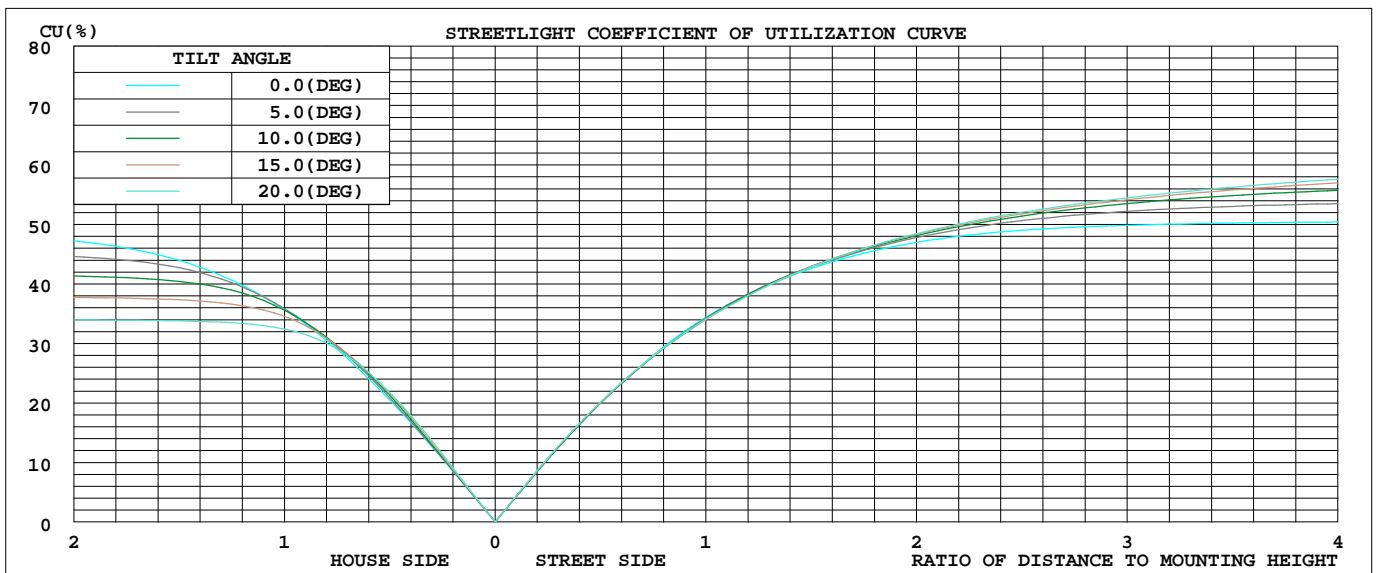
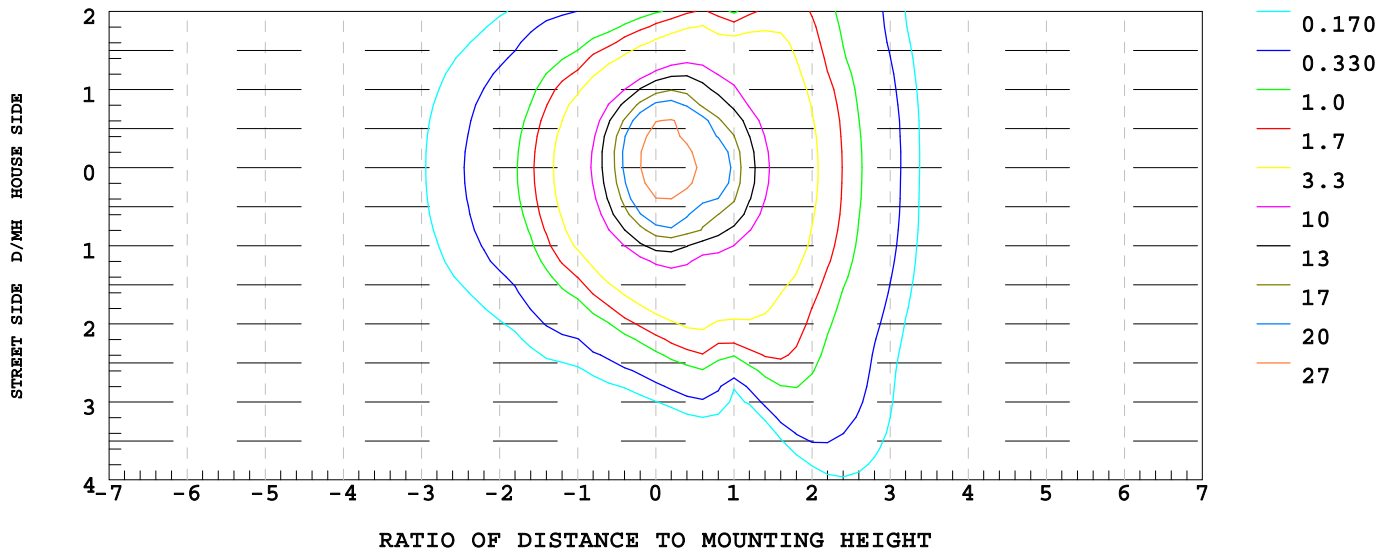
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Remarks:

## ISOLUX DIAGRAM

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MANUFACTURER: LI TIAN	Address:	
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ILLUMINANCE AT MH=10 m,Enadir = 32.35 lx



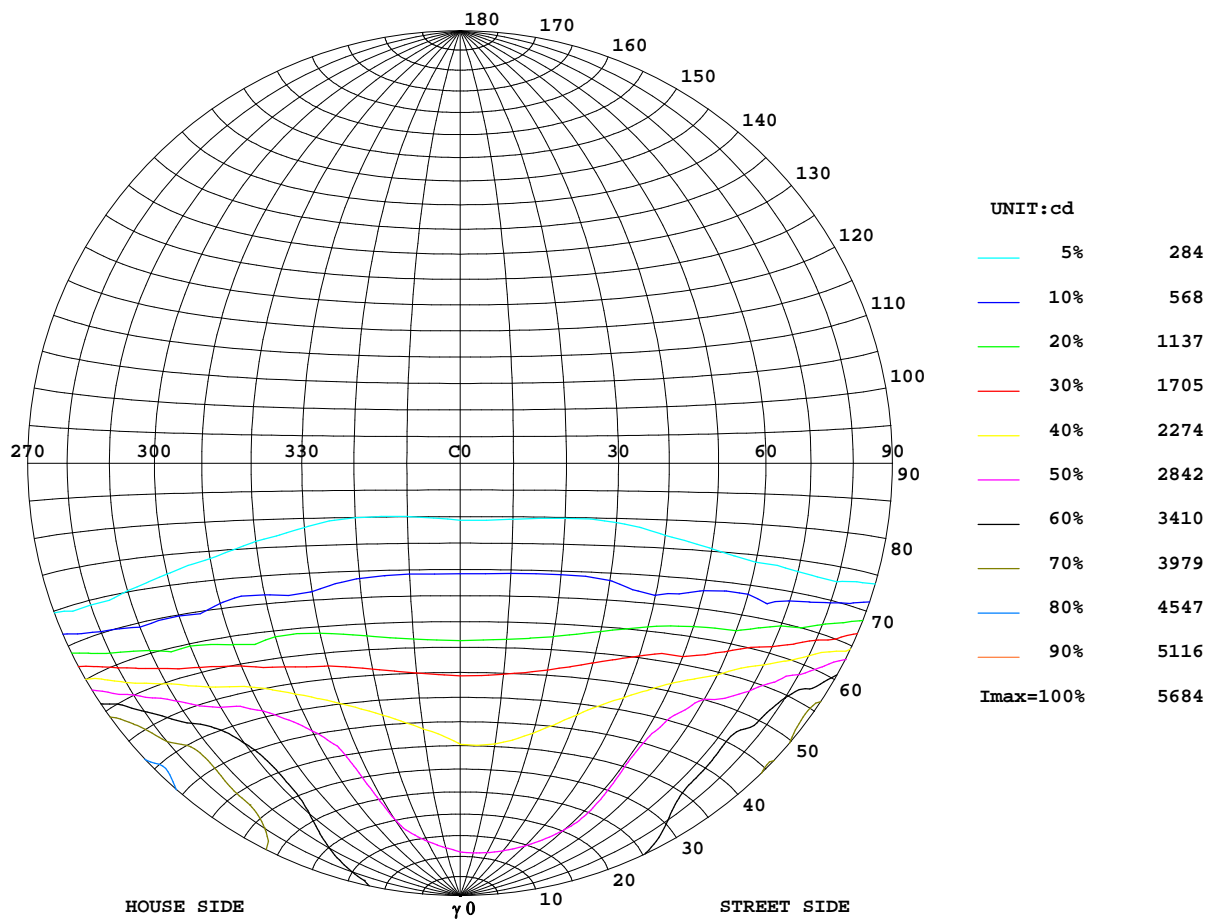
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## Uncorrected UGR Table

Report number:

MANUFACTURER: LI TIAN						Address:				
NAME: LTOK-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				
x = 2H y = 2H						Viewed endwise				
3H						21.6	23.2	21.9	23.4	23.7
4H						22.5	24.0	22.8	24.2	24.5
6H						22.9	24.3	23.3	24.6	24.9
8H						23.3	24.7	23.7	24.9	25.2
12H						23.5	24.8	23.8	25.0	25.3
12H						23.6	24.8	23.9	25.1	25.4
4H 2H						26.3	27.9	26.5	28.1	28.3
3H						26.7	28.2	27.0	28.4	28.7
4H						26.7	28.1	27.0	28.3	28.6
6H						26.6	27.9	26.9	28.2	28.5
8H						26.5	27.8	26.9	28.1	28.4
12H						26.5	27.7	26.8	28.0	28.3
4H 2H						26.2	27.6	26.5	27.8	28.1
3H						26.7	27.9	27.0	28.2	28.5
4H						26.7	27.8	27.0	28.1	28.4
6H						26.6	27.6	27.0	28.0	28.3
8H						26.6	27.5	27.0	27.9	28.3
12H						26.6	27.4	27.0	27.8	28.2
8H 4H						26.6	27.5	27.0	27.9	28.3
6H						26.6	27.4	27.1	27.8	28.2
8H						26.6	27.3	27.1	27.7	28.2
12H						26.6	27.2	27.1	27.6	28.1
12H 4H						26.6	27.4	27.0	27.8	28.2
6H						26.6	27.3	27.1	27.7	28.2
8H						26.6	27.2	27.1	27.6	28.1
Variations with the observer position at spacings:										
S = 1.0H		+ 0.3 / - 0.3				+ 0.7 / - 0.6				
1.5H		+ 0.4 / - 0.6				+ 1.7 / - 1.9				
2.0H		+ 0.7 / - 1.1				+ 2.9 / - 3.7				

CIE Pub.117 Corrected 14162 lm Total Lamp Luminous Flux.(8log(F/F0) = 9.2)

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