

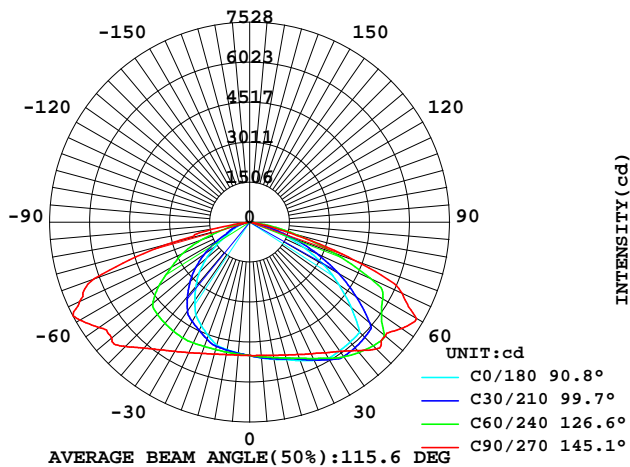
## STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

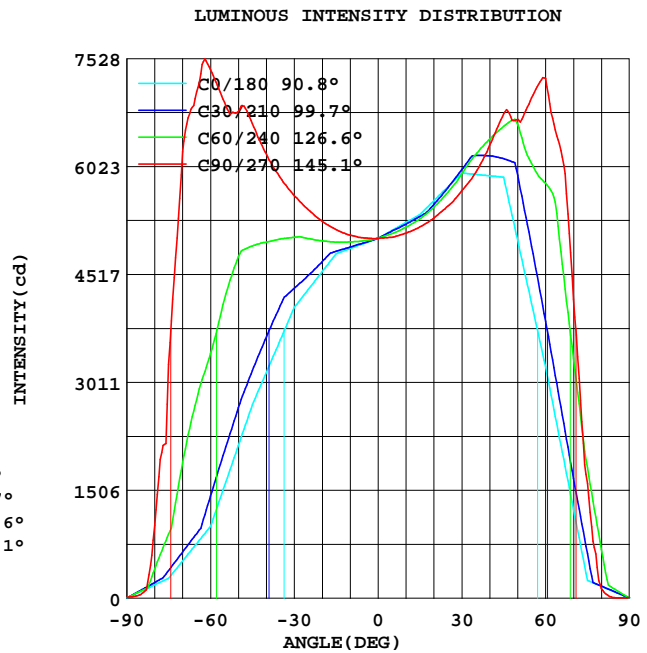
MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-150w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	7528	Effictive Flux(lm):	19853.0
NOMINAL POWER(W):	146	MAXIMUM(C, $\gamma$ ):	90, 62.0	EEI	0.099
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.3
NOMINAL FLUX(lm):	20234.8	$\eta$ street_up(%):	0.0	Current(A)	0.675
TEST FLUX(lm):	20235	$\eta$ street_down(%):	50.1	Power(W)	144.6
LAMPS QUANTITY:	1	$\eta$ house_up(%):	0.0	Power Factor	0.975
TOTAL FLUX(lm):	20235	$\eta$ house_down(%):	49.9	EEFICIENCY(lm/W)	139.8

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



Test System:HOP00 HPG1900  
Temperature:DEG  
Operators:  
Test Date:2018年11月12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: LTOK-150w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

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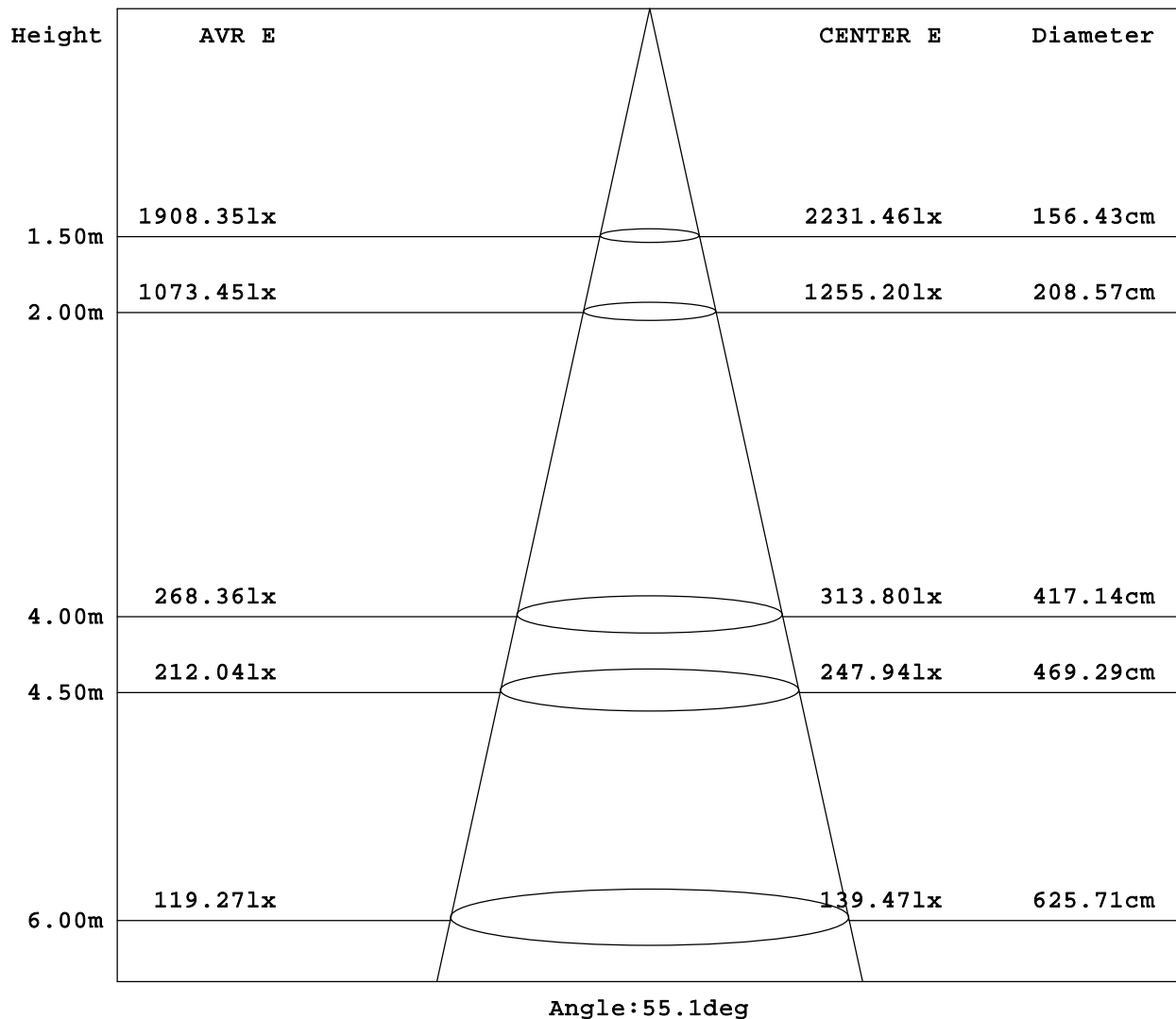
Test System:HOP00 HPG1900  
Temperature:DEG  
Operators:  
Test Date:2018年11月12日

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: LTOK-150w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900  
 Temperature: DEG  
 Operators:  
 Test Date: 2018年11月12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: LTOK-150w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	4949	4972	5027	5101	5131	5106	5036	4977	0- 5	120.3	120.3
10.0	4878	4929	5066	5191	5242	5202	5094	4944	5- 10	361.5	481.8
15.0	4807	4890	5142	5297	5353	5315	5181	4915	10- 15	603.9	1086
20.0	4557	4858	5259	5416	5546	5457	5302	4890	15- 20	846.6	1932
25.0	4307	4748	5423	5635	5739	5704	5471	4773	20- 25	1089	3022
30.0	4057	4636	5617	5886	5932	5980	5684	4634	25- 30	1332	4354
35.0	3604	4520	5868	6147	5913	6243	5939	4474	30- 35	1568	5922
40.0	3152	4351	6194	6341	5893	6425	6320	4262	35- 40	1778	7700
45.0	2700	3895	6618	6258	5873	6332	6757	3807	40- 45	1958	9658
50.0	2134	3376	6788	6122	4992	6197	6681	3270	45- 50	2069	11727
55.0	1568	2794	6917	5888	4111	5929	6983	2656	50- 55	2038	13765
60.0	1002	2100	7372	4628	3230	4659	7252	1964	55- 60	1935	15700
65.0	761.0	1332	7065	3301	2236	3540	6339	1188	60- 65	1732	17432
70.0	520.2	751.6	6228	2158	1243	2396	4173	667.9	65- 70	1396	18828
75.0	279.3	463.3	3260	1102	249.6	1172	1600	415.3	70- 75	892.4	19720
80.0	187.9	191.4	1021	145.5	167.3	152.8	137.7	178.9	75- 80	381.9	20102
85.0	96.50	96.78	53.14	72.54	85.03	77.57	6.615	90.73	80- 85	109.7	20212
90.0	5.071	3.528	16.64	2.315	2.756	2.756	10.14	3.748	85- 90	22.99	20235
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	

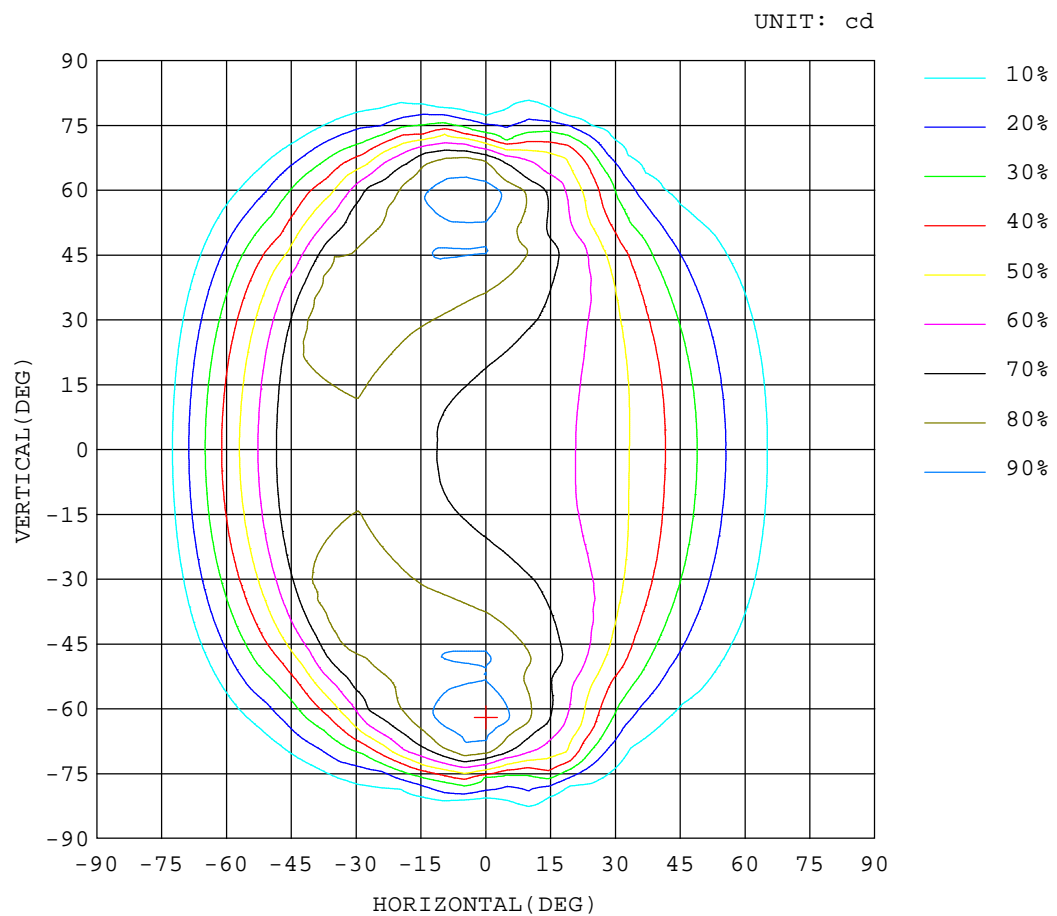
Test System:HOP00 HPG1900  
 Temperature:DEG  
 Operators:  
 Test Date:2018年11月12日

Test Set: 5.0deg/s B-Beta (TYPE B)  
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## ISOCANDELA DIAGRAM

Report number:

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NAME: LTOK-150w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900  
Temperature:DEG  
Operators:  
Test Date:2018年11月12日

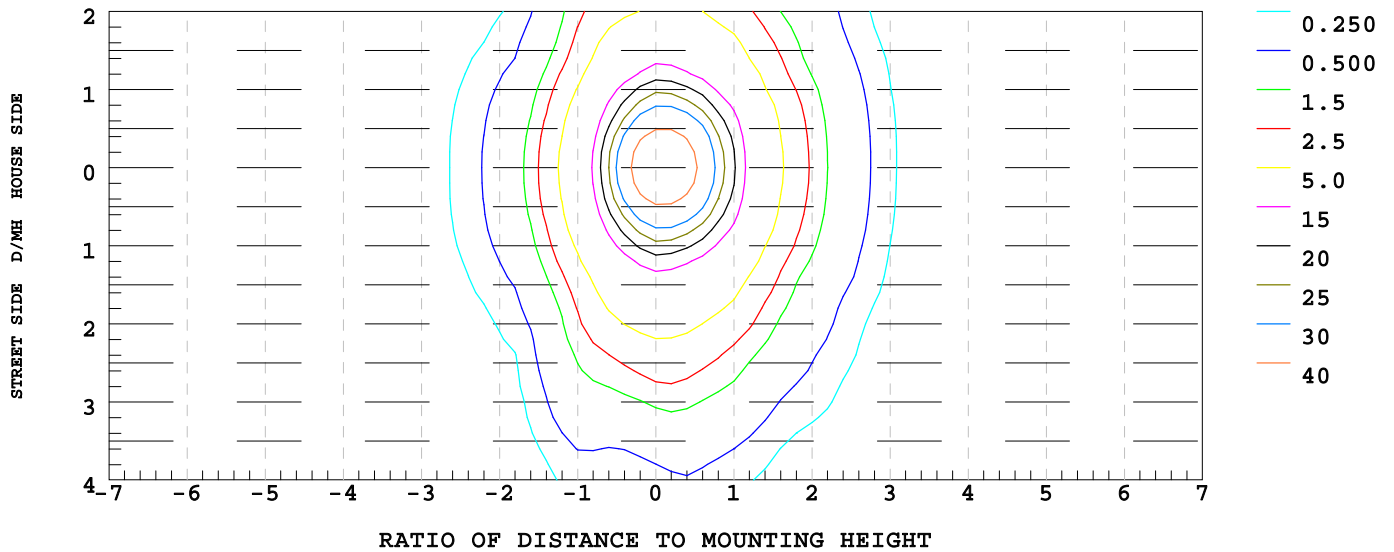
Test Set: 5.0deg/s B-Beta (TYPE B)  
Humidity:65.0%  
Test Distance:10.500 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-150w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 50.21 lx



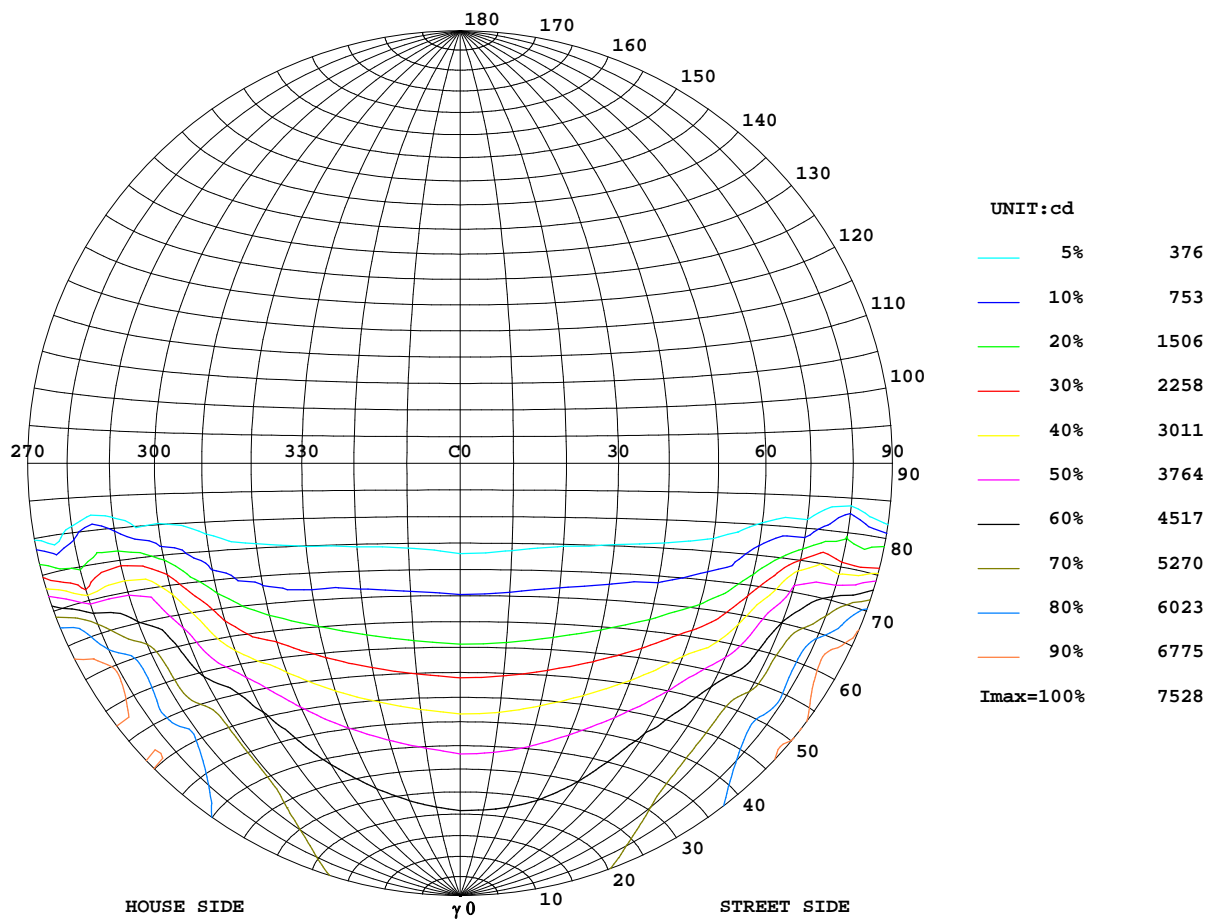
Test System:HOP00 HPG1900  
Temperature:DEG  
Operators:  
Test Date:2018年11月12日

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

## Uncorrected UGR Table

Report number:

MANUFACTURER: LI TIAN						Address:				
NAME: LTOK-150w						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	22.6	24.2	22.8	24.4	24.6	30.4	32.0	30.7	32.2	32.5
3H	23.1	24.5	23.4	24.8	25.0	33.4	34.9	33.7	35.1	35.3
4H	23.2	24.6	23.5	24.8	25.1	34.2	35.6	34.5	35.8	36.1
6H	23.2	24.6	23.6	24.8	25.1	34.4	35.7	34.7	36.0	36.3
8H	23.3	24.5	23.6	24.8	25.1	34.4	35.7	34.7	35.9	36.2
12H	23.3	24.5	23.6	24.8	25.1	34.3	35.6	34.7	35.9	36.2
4H 2H	23.8	25.2	24.1	25.5	25.7	30.3	31.7	30.6	31.9	32.2
3H	24.3	25.5	24.7	25.8	26.1	33.4	34.6	33.7	34.9	35.2
4H	24.5	25.6	24.9	25.9	26.2	34.3	35.4	34.7	35.7	36.0
6H	24.6	25.6	25.0	25.9	26.3	34.6	35.6	35.0	36.0	36.3
8H	24.7	25.6	25.1	25.9	26.3	34.7	35.6	35.1	36.0	36.4
12H	24.7	25.5	25.1	25.9	26.3	34.7	35.5	35.1	35.9	36.3
8H 4H	25.0	26.0	25.5	26.3	26.7	34.2	35.1	34.6	35.4	35.8
6H	25.2	26.0	25.7	26.4	26.8	34.5	35.3	35.0	35.7	36.1
8H	25.3	26.0	25.8	26.4	26.9	34.6	35.3	35.1	35.7	36.2
12H	25.4	26.0	25.9	26.4	26.9	34.6	35.2	35.1	35.6	36.1
12H 4H	25.1	25.9	25.5	26.3	26.7	34.1	34.9	34.5	35.3	35.7
6H	25.3	25.9	25.7	26.4	26.8	34.5	35.2	35.0	35.6	36.1
8H	25.4	26.0	25.9	26.4	26.9	34.6	35.2	35.1	35.6	36.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.7					+ 0.5 / - 0.3				
1.5H	+ 0.4 / - 0.6					+ 0.4 / - 0.2				
2.0H	+ 1.4 / - 2.2					+ 1.2 / - 0.5				

CIE Pub.117 Corrected 20235 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.4)

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