

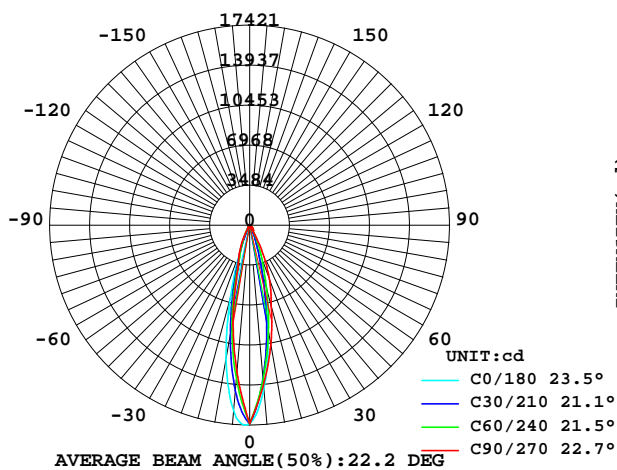
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

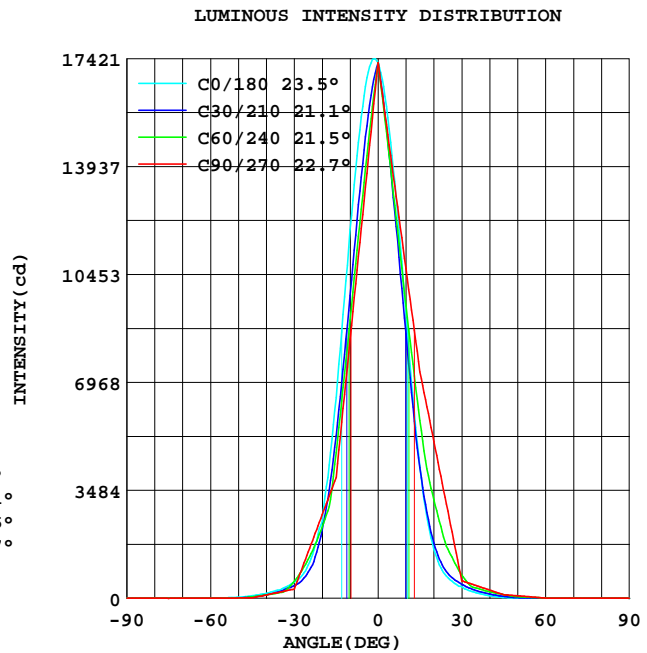
MANUFACTURER: LI TIAN LIGHTING	Address:	
NAME: LT-SL-30W-30K	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	17421	Effective Flux(lm):	2899.9
NOMINAL POWER(W):	28	MAXIMUM(C, γ):	0, 1.0	EEI	0.135
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.6
NOMINAL FLUX(lm):	3484.5	η street_up(%):	0.0	Current(A)	0.133
TEST FLUX(lm):	3484	η street_down(%):	43.5	Power(W)	28.45
LAMPS QUANTITY:	1	η house_up(%):	0.0	Power Factor	0.972
TOTAL FLUX(lm):	3484	η house_down(%):	56.5	EEFICIENCY(lm/W)	122.5

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年11月07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: LT-SL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

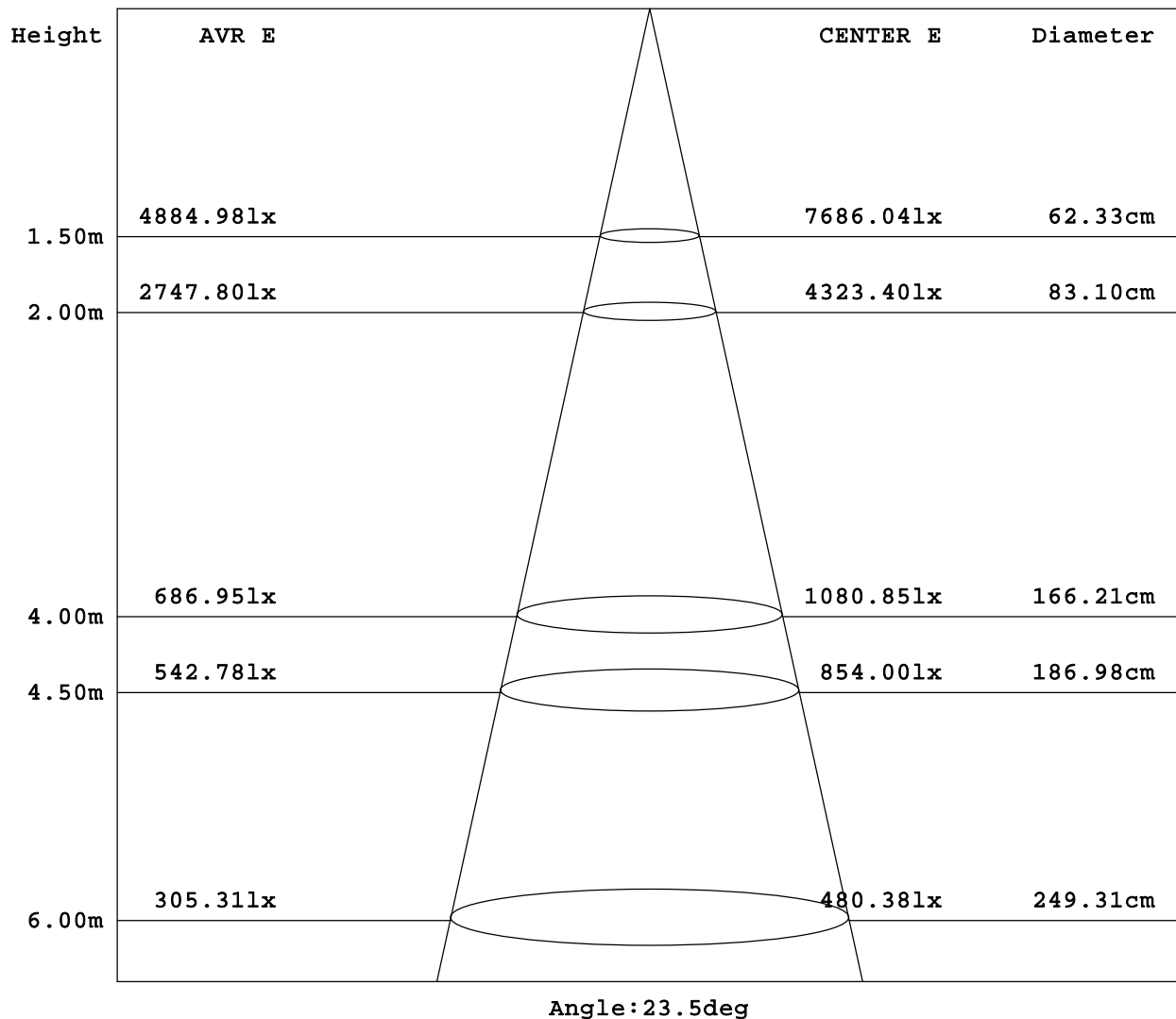
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年11月07日

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: LI TIAN	Address:	
NAME: LT-SL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年11月07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: LT-SL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1622	1388	1283	1264	1429	1336	1397	1466	0- 5	362.1	362.1
10.0	1189	930.4	836.3	773.2	921.4	885.8	1064	1065	5- 10	818.2	1180
15.0	648.3	502.9	389.8	372.9	427.0	488.3	731.1	653.7	10- 15	840.7	2021
20.0	246.3	195.5	269.8	133.2	157.9	225.6	506.3	326.5	15- 20	605.4	2626
25.0	107.4	92.79	149.8	64.94	66.75	109.9	281.4	160.7	20- 25	389.0	3015
30.0	52.36	45.70	29.80	34.03	38.19	55.96	56.56	77.90	25- 30	218.5	3234
35.0	27.02	21.85	20.37	15.76	18.14	30.14	41.56	39.00	30- 35	105.3	3339
40.0	16.43	9.038	10.94	5.323	8.423	16.06	26.55	21.63	35- 40	66.21	3406
45.0	8.279	4.644	1.510	2.488	2.745	8.971	11.55	13.51	40- 45	38.93	3445
50.0	3.395	1.883	1.051	1.063	0.992	4.191	8.018	7.121	45- 50	19.15	3464
55.0	1.808	0.483	0.592	0.392	0.695	1.330	4.483	2.356	50- 55	10.21	3474
60.0	1.345	0.294	0.132	0.213	0.375	0.823	0.948	1.166	55- 60	5.354	3479
65.0	0.915	0.112	0.088	0.066	0.198	0.426	0.684	0.572	60- 65	2.352	3482
70.0	0.695	0.020	0.044	0	0.132	0.191	0.419	0.272	65- 70	1.291	3483
75.0	0.573	0.015	0	0	0.121	0.100	0.154	0.162	70- 75	0.733	3484
80.0	0.507	0.013	0.022	0.006	0.110	0.031	0.107	0.071	75- 80	0.387	3484
85.0	0.452	0.029	0.044	0.047	0.099	0.016	0.059	0.032	80- 85	0.258	3484
90.0	0.386	0.044	0.066	0.088	0.132	0	0.011	0	85- 90	0.210	3484
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: $\times 10\text{cd}$									UNIT:lm	

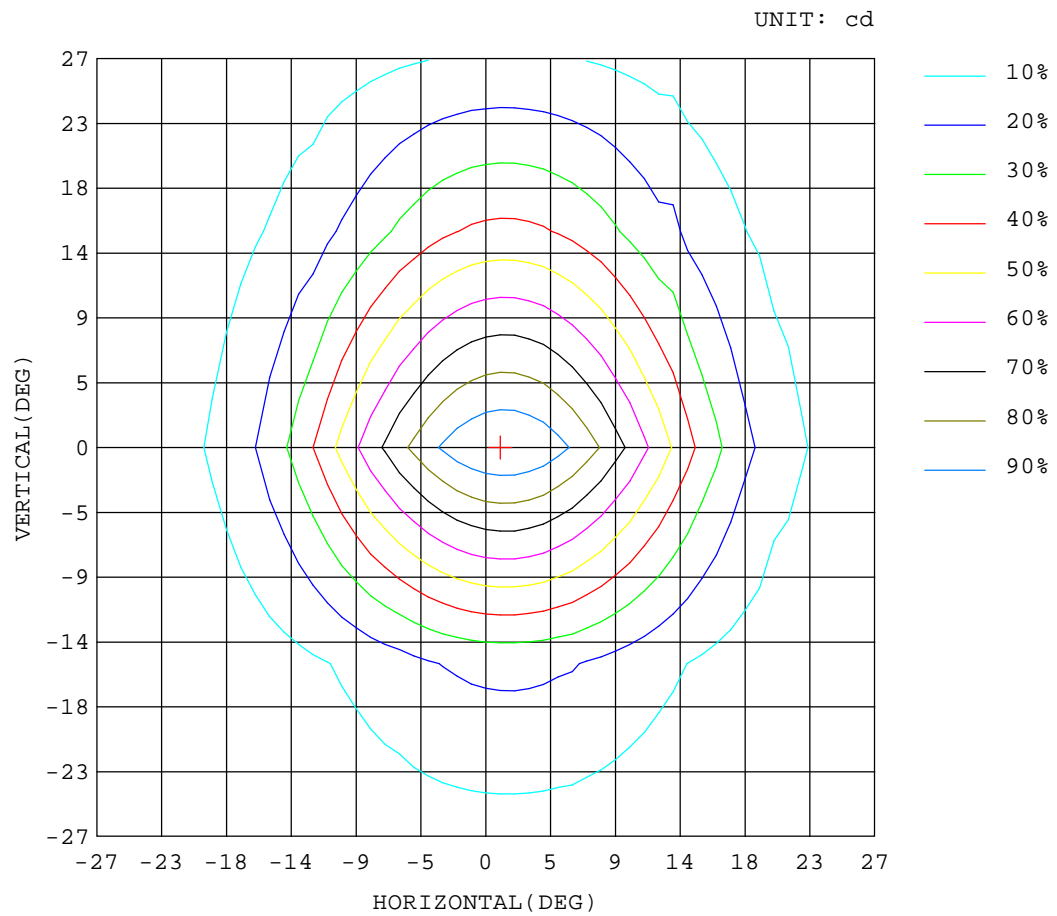
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019年11月07日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-SL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年11月07日

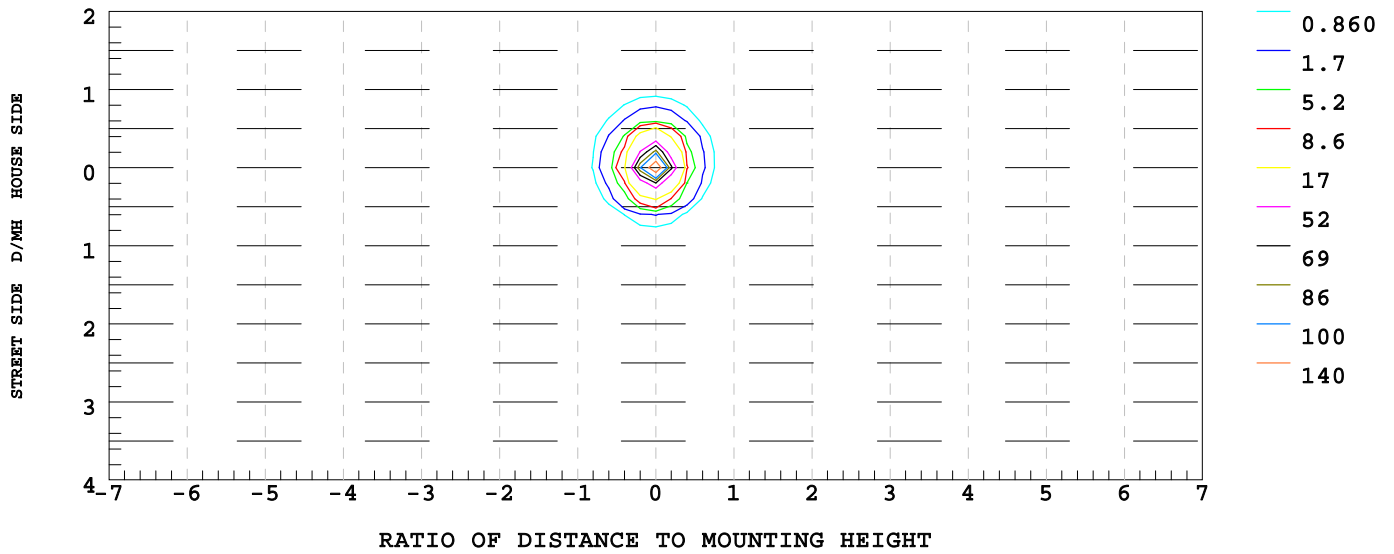
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-SL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 172.94 lx



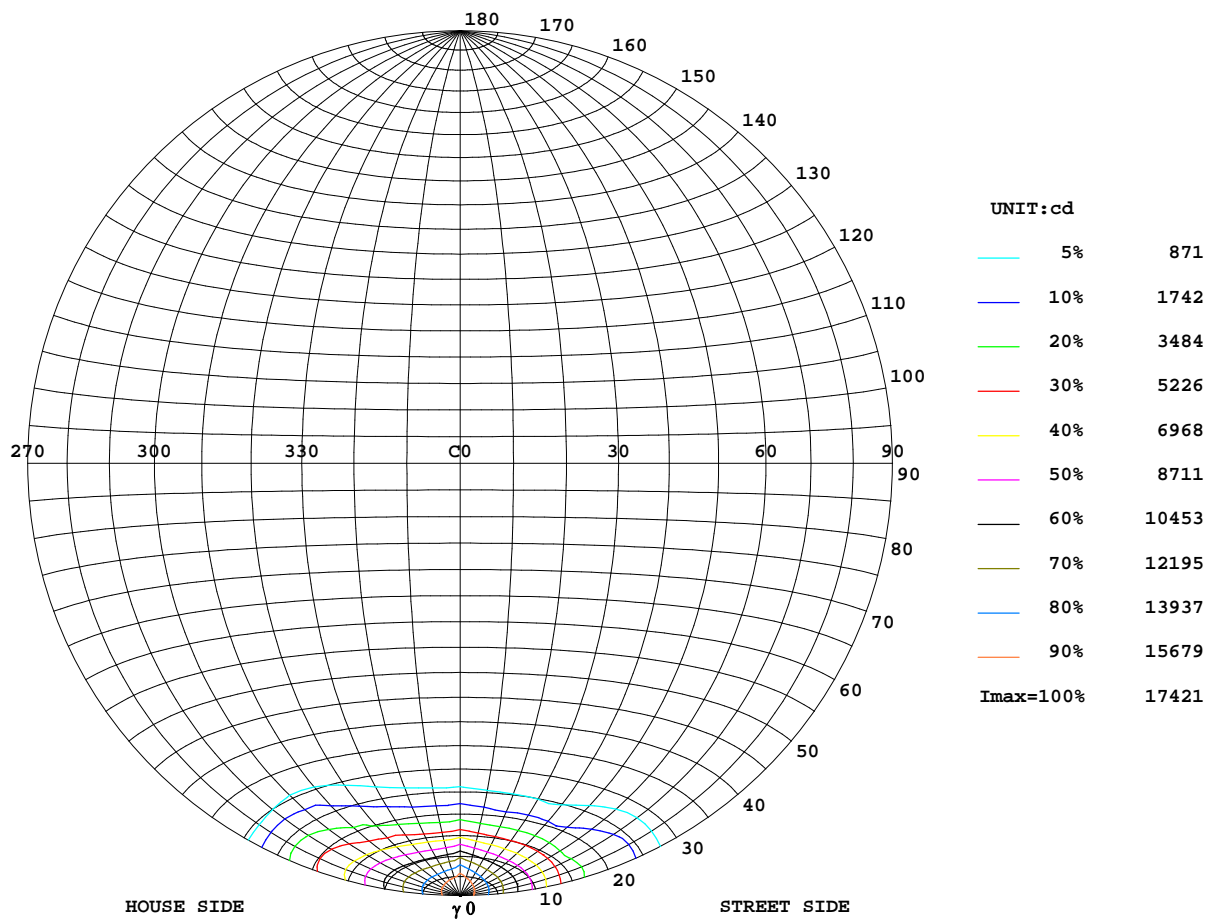
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019年11月07日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-SL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年11月07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: LT-SL						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	2.3	3.0	2.5	3.1	3.3	0.6	1.3	0.8	1.5	1.6
3H	2.2	2.8	2.4	3.0	3.2	0.5	1.1	0.7	1.3	1.5
4H	2.1	2.7	2.4	2.9	3.1	0.4	1.0	0.7	1.2	1.4
6H	2.1	2.6	2.4	2.9	3.1	0.3	0.9	0.6	1.1	1.3
8H	2.1	2.6	2.4	2.9	3.1	0.3	0.8	0.6	1.1	1.3
12H	2.1	2.7	2.4	2.9	3.2	0.2	0.8	0.5	1.0	1.3
4H 2H	2.1	2.7	2.3	2.9	3.1	0.4	1.0	0.7	1.2	1.4
3H	1.9	2.5	2.2	2.7	3.0	0.2	0.8	0.5	1.0	1.3
4H	1.9	2.3	2.2	2.6	2.9	0.1	0.6	0.5	0.9	1.2
6H	1.8	2.2	2.2	2.6	2.9	0.0	0.5	0.4	0.8	1.1
8H	1.8	2.2	2.2	2.5	2.9	-0.0	0.4	0.4	0.7	1.1
12H	1.8	2.2	2.2	2.6	3.0	-0.1	0.3	0.3	0.7	1.1
8H 4H	1.7	2.1	2.1	2.4	2.8	-0.0	0.4	0.4	0.7	1.1
6H	1.6	2.0	2.1	2.4	2.8	-0.1	0.2	0.3	0.6	1.0
8H	1.6	1.9	2.1	2.3	2.8	-0.2	0.1	0.3	0.5	1.0
12H	1.7	1.9	2.1	2.3	2.8	-0.2	0.0	0.2	0.5	0.9
12H 4H	1.6	2.0	2.0	2.4	2.8	-0.1	0.3	0.3	0.7	1.0
6H	1.6	1.9	2.0	2.3	2.7	-0.2	0.1	0.3	0.5	1.0
8H	1.6	1.8	2.0	2.3	2.7	-0.2	0.0	0.2	0.4	0.9
Variations with the observer position at spacings:										
S = 1.0H	+ 4.4 / -10.5					+ 3.0 / -14.6				
1.5H	+ 6.5 / -10.8					+ 5.7 / -12.7				
2.0H	+ 8.4 / -13.9					+ 4.2 / - 8.1				

CIE Pub.117 Corrected 3484 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.3)

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019年11月07日

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