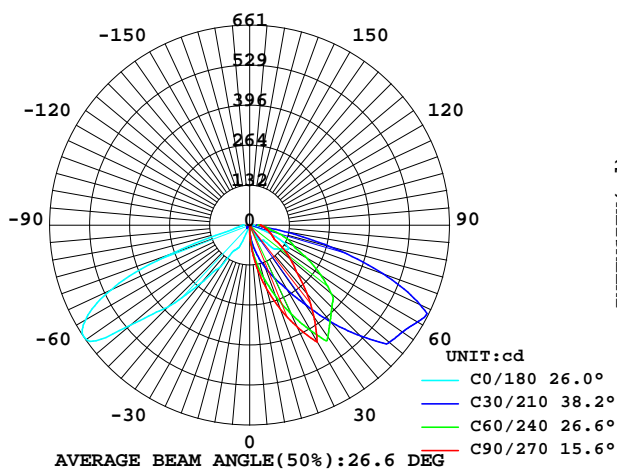
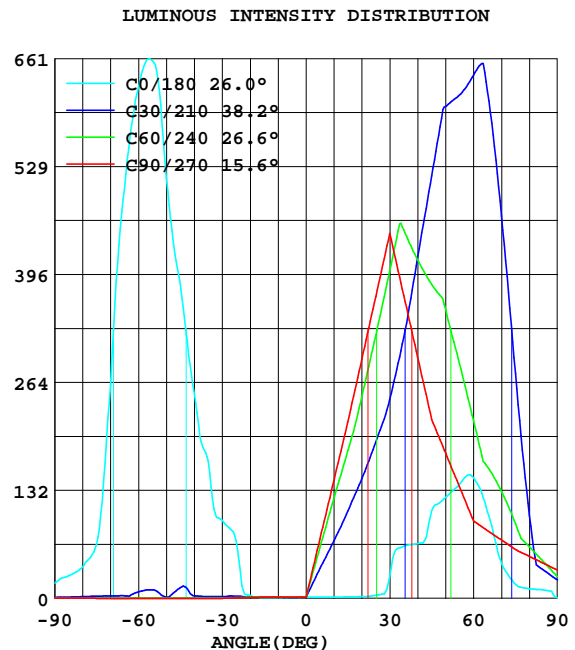


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-BL-12w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	784.2	Effective Flux(lm):	790.8
NOMINAL POWER(W):	12	MAXIMUM(C, γ):	350, 55.5	EEI	0.187
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.6
NOMINAL FLUX(lm):	846.3	η street_up(%):	0.0	Current(A)	0.096
TEST FLUX(lm):	846.3	η street_down(%):	7.4	Power(W)	11.90
LAMPS QUANTITY:	1	η house_up(%):	0.0	Power Factor	0.561
TOTAL FLUX(lm):	846.3	η house_down(%):	92.6	EFFICIENCY(lm/W)	71.1

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSINTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2021年03月06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: LITIAN	Address:	
NAME: LT-BL-12w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

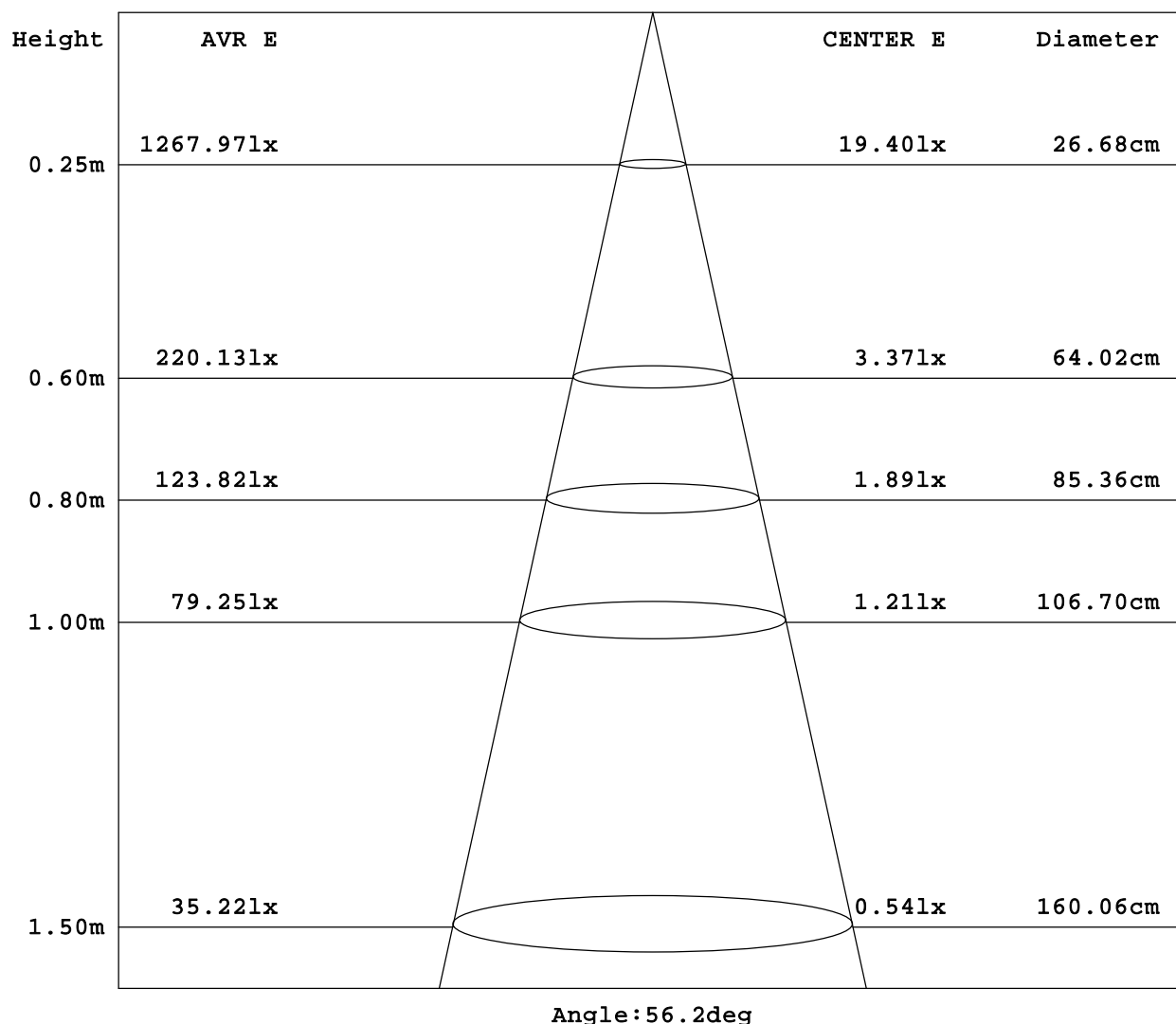
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2021年03月06日

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: LITIAN	Address:	
NAME: LT-BL-12w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021年03月06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: LITIAN	Address:	
NAME: LT-BL-12w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1.102	1.168	1.249	1.296	1.323	51.12	72.87	54.51	0- 5	0.395	0.395
10.0	1.102	1.256	1.286	1.221	1.433	99.14	144.5	111.4	5- 10	2.668	3.063
15.0	1.102	1.443	1.323	1.213	1.653	148.2	216.2	173.0	10- 15	7.199	10.26
20.0	3.638	1.738	0.882	1.017	2.094	202.1	292.9	238.7	15- 20	14.12	24.38
25.0	70.55	1.501	0.441	0.777	3.748	267.3	369.7	310.0	20- 25	24.17	48.56
30.0	95.25	1.088	0	0.458	27.23	341.9	446.5	402.9	25- 30	39.42	87.98
35.0	168.0	0.563	0	0.215	63.72	425.6	370.6	521.6	30- 35	56.14	144.1
40.0	249.7	0.005	0	0	66.92	504.9	294.8	596.2	35- 40	70.80	214.9
45.0	383.8	0.039	0	0	107.4	502.1	219.0	557.6	40- 45	82.39	297.3
50.0	514.6	0.134	0	0	123.7	506.6	177.6	516.9	45- 50	92.18	389.5
55.0	658.3	0.151	0	0	139.6	511.7	136.1	473.1	50- 55	100.2	489.7
60.0	625.7	0.136	0	0	147.6	453.8	94.70	369.1	55- 60	101.7	591.4
65.0	503.2	0.050	0	0	105.9	385.4	83.01	241.8	60- 65	92.61	684.1
70.0	261.6	0.013	0	0	43.32	300.3	71.33	145.9	65- 70	73.15	757.2
75.0	66.03	0.068	0	0	17.08	190.0	59.64	100.2	70- 75	44.60	801.8
80.0	38.14	0.118	0.037	0.008	11.68	81.62	51.30	55.10	75- 80	22.04	823.9
85.0	27.67	0.169	0.073	0.104	10.25	51.76	42.96	38.51	80- 85	13.23	837.1
90.0	18.52	0.221	0.110	0.221	0.441	21.93	34.61	22.16	85- 90	9.135	846.3
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	

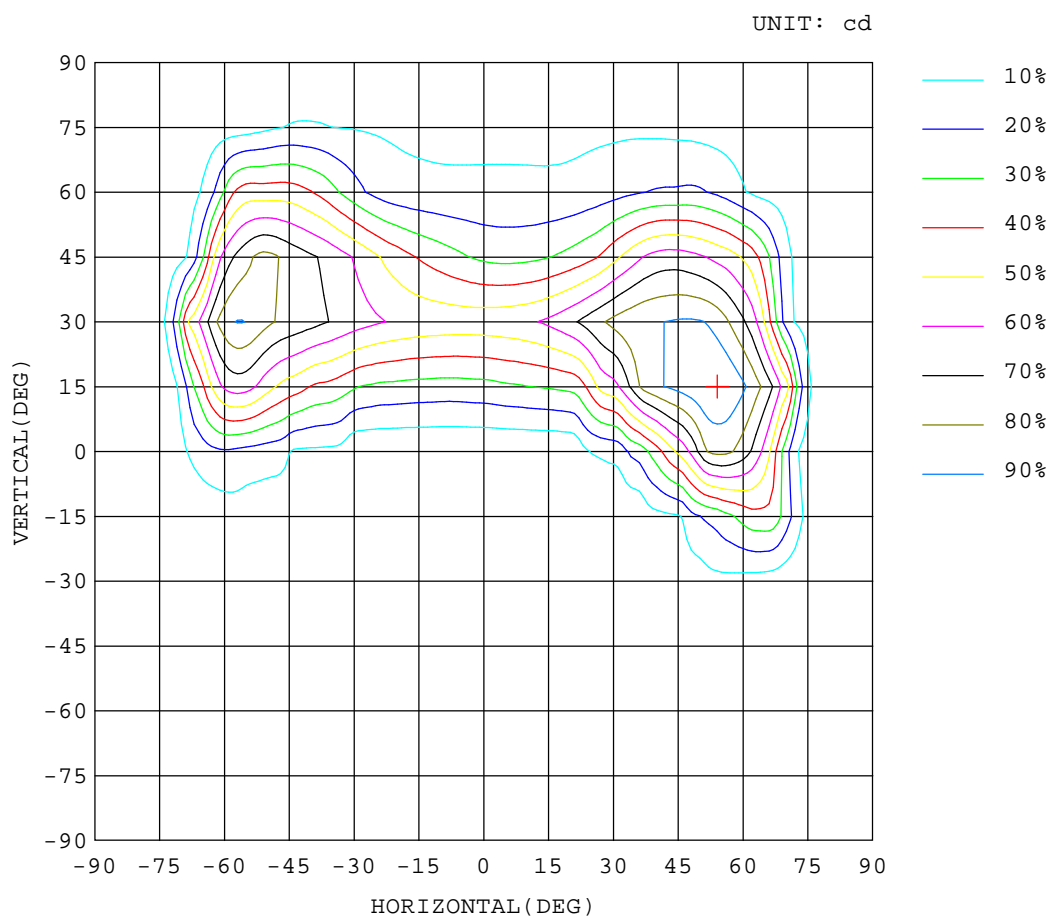
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2021年03月06日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-BL-12w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



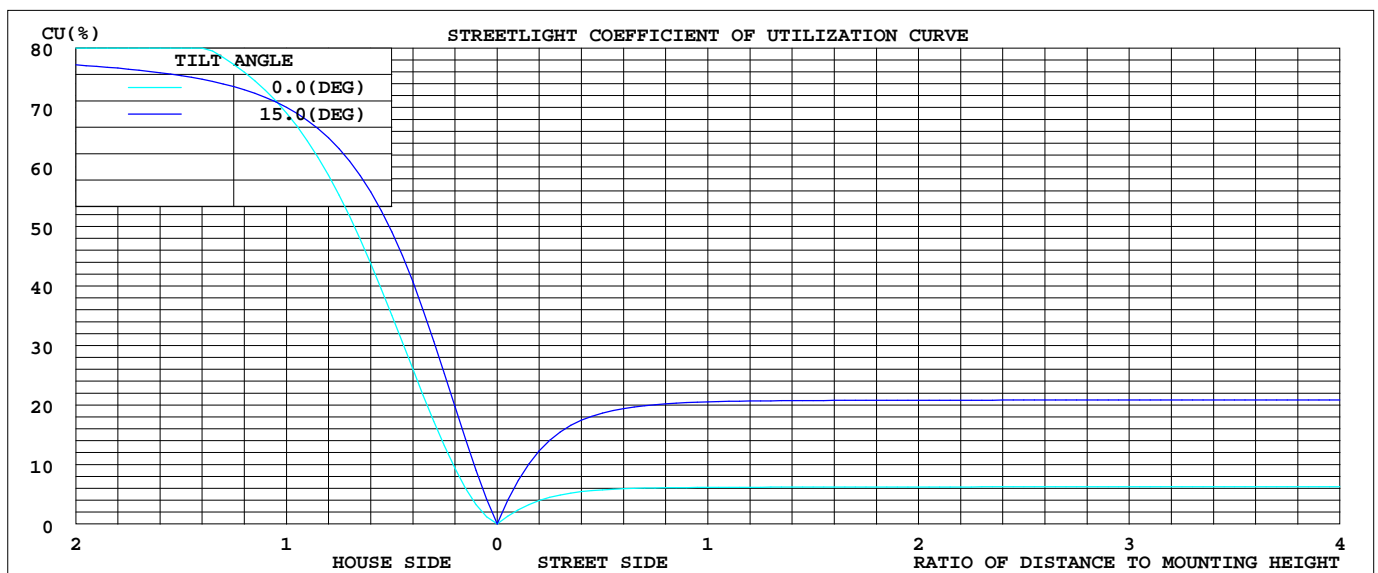
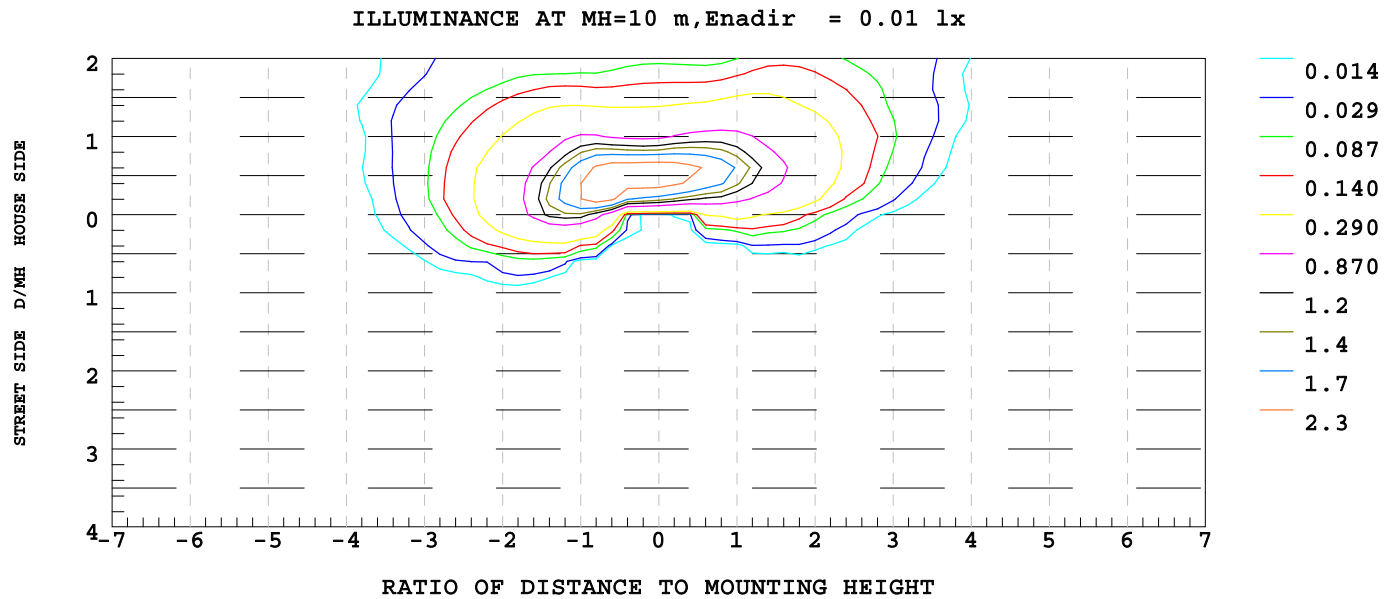
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2021年03月06日

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-BL-12w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



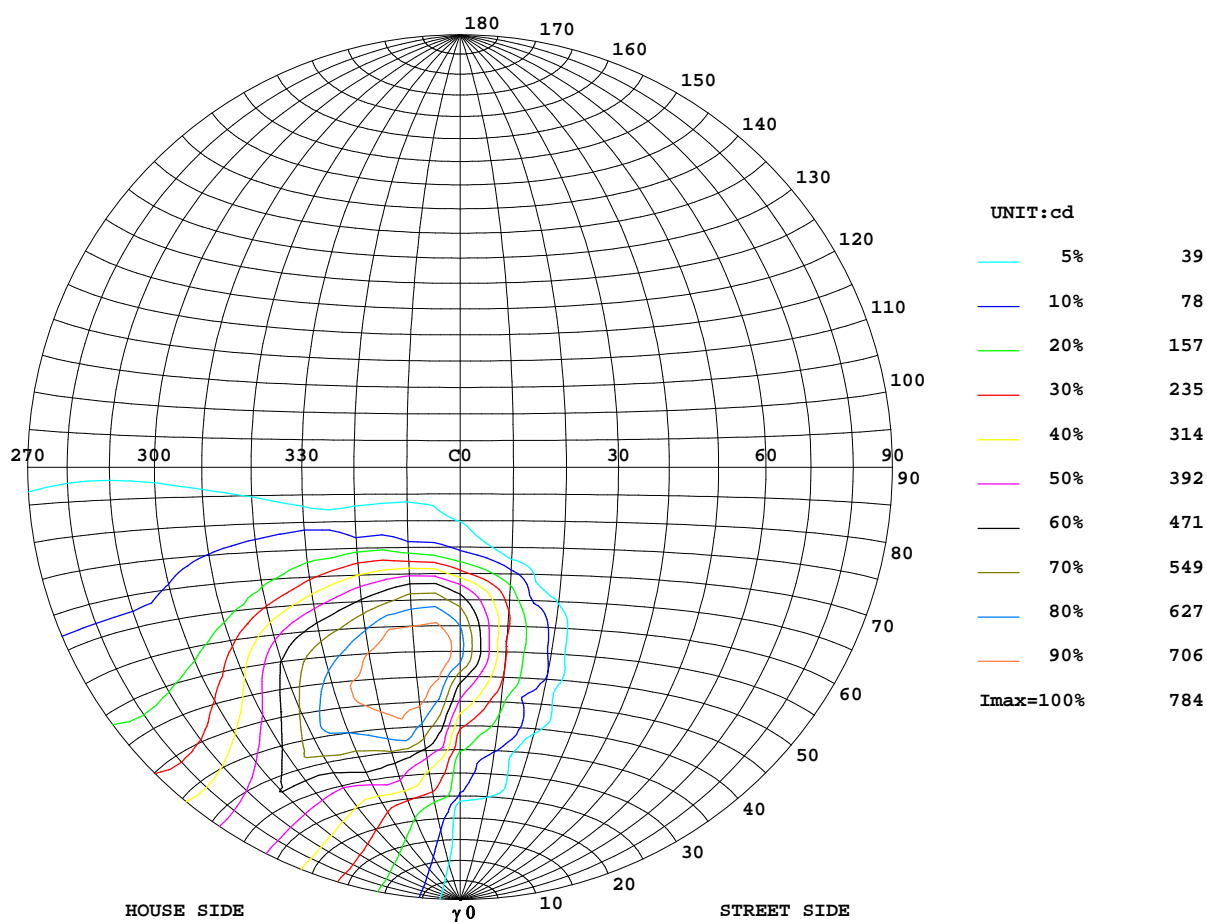
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2021年03月06日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-BL-12w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



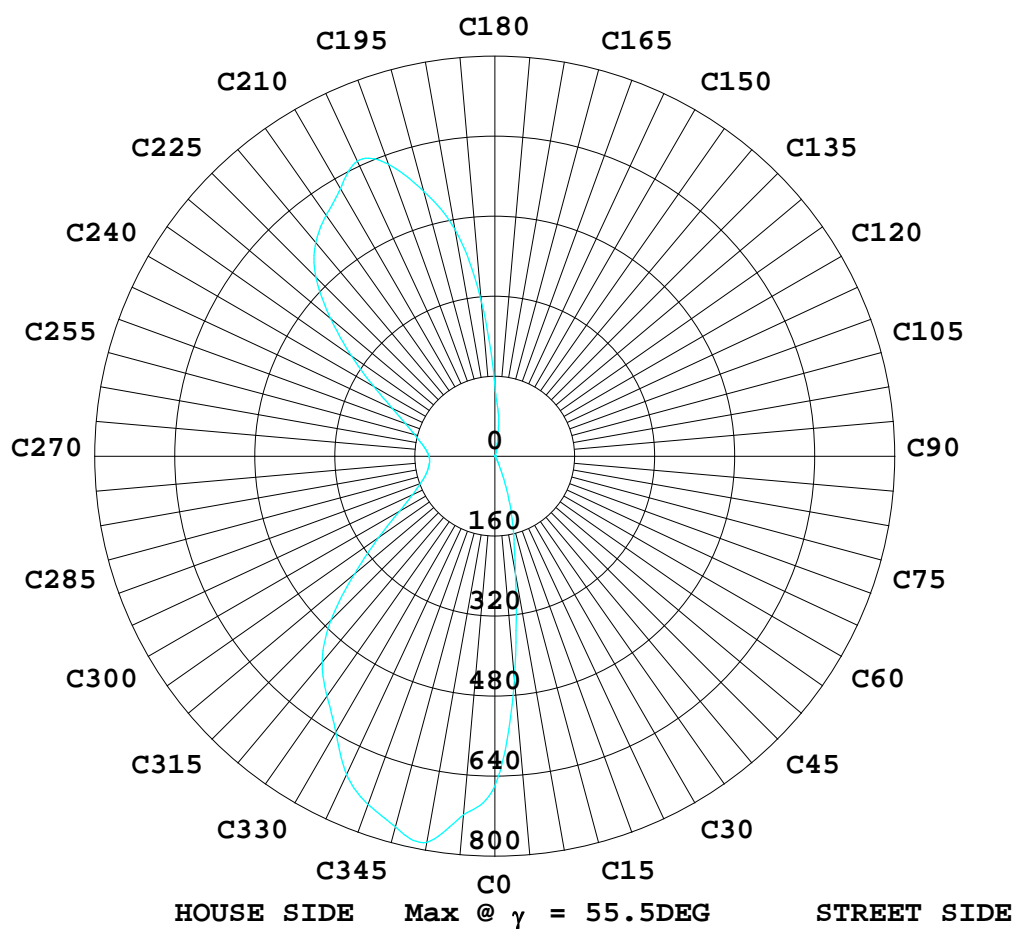
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2021年03月06日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-BL-12w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2021年03月06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: LITIAN						Address:				
NAME: LT-BL-12w						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						-41.2	-39.4	-40.9	-39.2	-39.0
4H						-41.2	-39.6	-40.9	-39.3	-39.1
6H						-41.3	-39.8	-41.0	-39.5	-39.2
8H						-37.4	-35.9	-37.0	-35.6	-35.3
12H						-33.6	-32.1	-33.2	-31.8	-31.5
2H						-29.8	-28.4	-29.4	-28.1	-27.8
4H 2H						-6.6	-5.1	-6.3	-4.8	-4.5
3H						-6.9	-5.5	-6.5	-5.2	-4.9
4H						-7.0	-5.7	-6.6	-5.4	-5.0
6H						-7.1	-5.9	-6.6	-5.6	-5.2
8H						-7.1	-6.1	-6.7	-5.7	-5.3
12H						-7.1	-6.2	-6.7	-5.8	-5.4
8H 4H						-5.9	-4.9	-5.5	-4.5	-4.1
6H						-6.0	-5.1	-5.5	-4.7	-4.3
8H						-6.0	-5.3	-5.6	-4.8	-4.4
12H						-6.0	-5.4	-5.6	-4.9	-4.5
12H 4H						-5.5	-4.5	-5.0	-4.1	-3.7
6H						-5.5	-4.8	-5.1	-4.3	-3.9
8H						-5.5	-4.9	-5.1	-4.4	-4.0
Variations with the observer position at spacings:										
S = 1.0H		+ 3.0 / - 4.5				+ 2.6 / - 4.8				
1.5H		+ 4.2 / - 9.1				+ 3.9 / - 4.2				
2.0H		+ 6.9 / -11.6				+ 3.6 / - 4.7				

CIE Pub.117 Corrected 846.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.6)

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2021年03月06日

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