

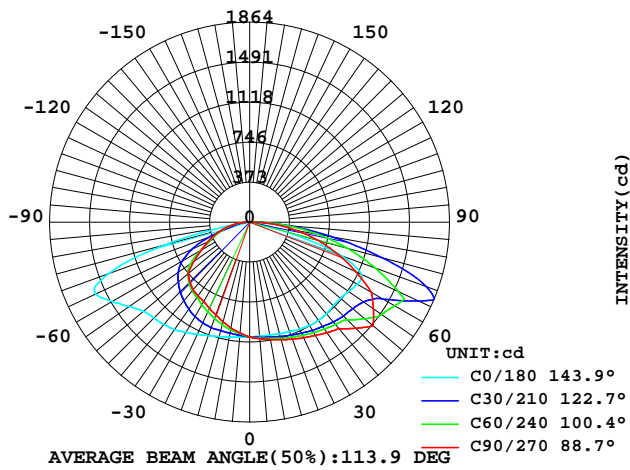
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

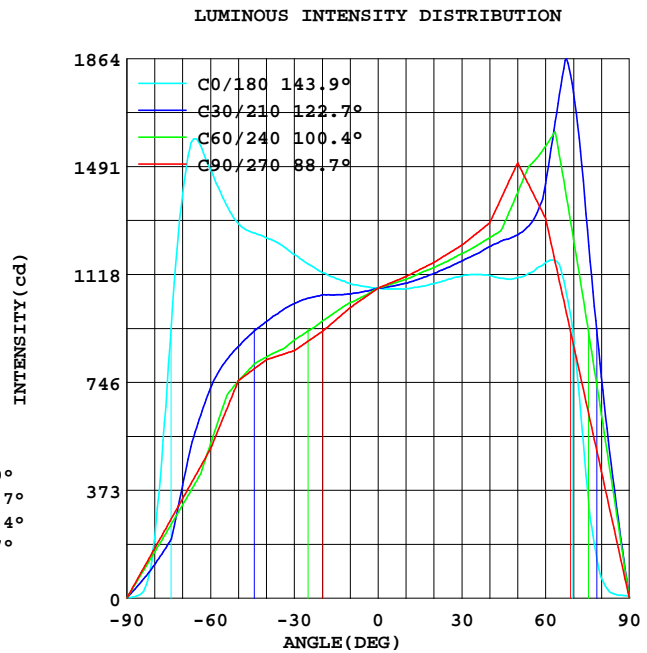
MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	2059	Effictive Flux(lm):	5168.1
NOMINAL POWER(W):	30	MAXIMUM(C, γ):	340, 68.0	EEI	0.081
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.0
NOMINAL FLUX(lm):	5254.1	η street_up(%):	0.0	Current(A)	0.144
TEST FLUX(lm):	5254	η street_down(%):	35.2	Power(W)	30.82
LAMPS QUANTITY:	1	η house_up(%):	0.0	Power Factor	0.969
TOTAL FLUX(lm):	5254	η house_down(%):	64.8	EEFICIENCY(lm/W)	170.5

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2023年06月01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:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

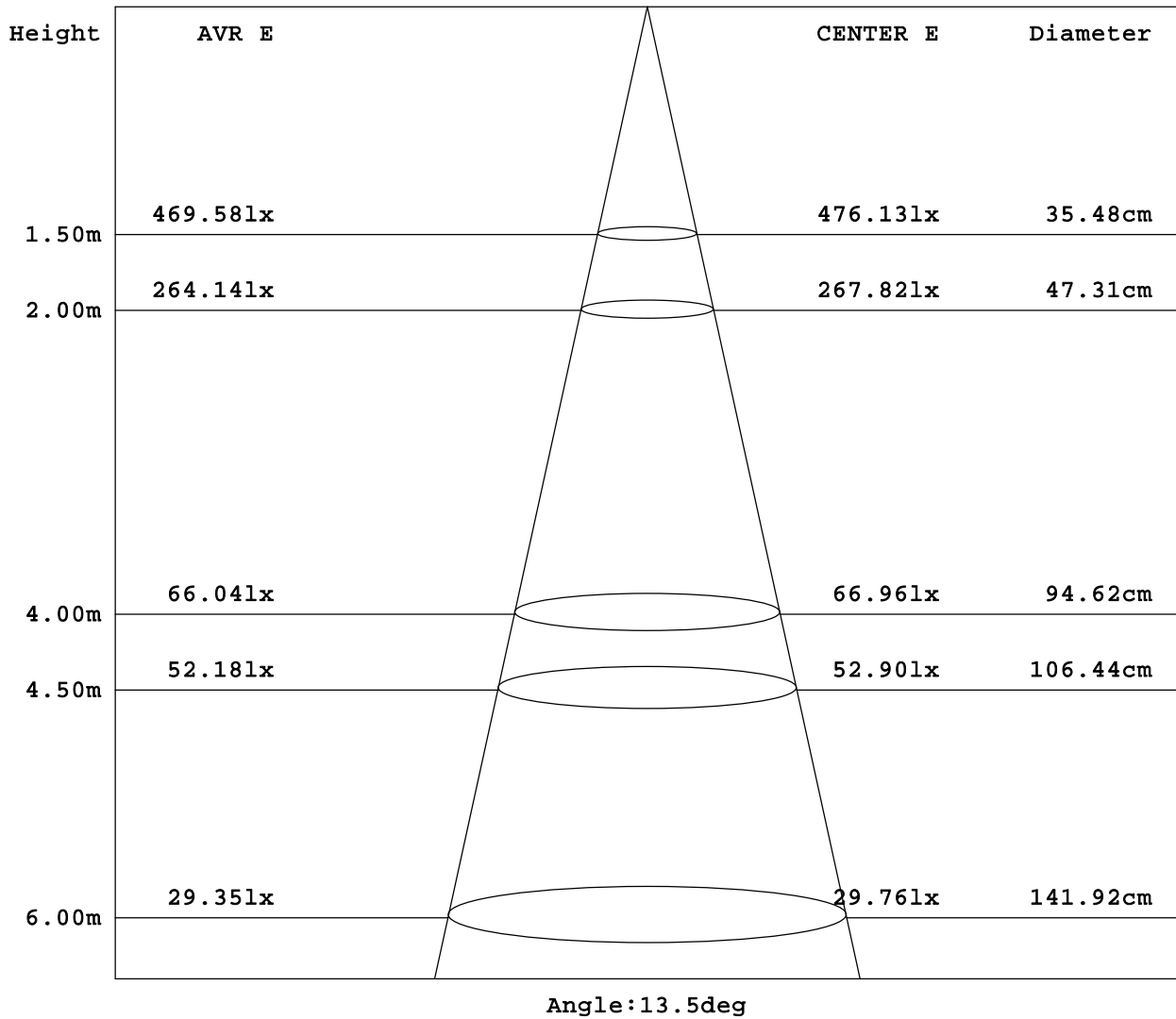
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2023年06月01日

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



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2023年06月01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:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1077	1051	1038	1044	1068	1082	1091	1089	0- 5	25.54	25.54
10.0	1087	1035	1004	1019	1069	1096	1111	1109	5- 10	76.28	101.8
15.0	1104	1019	962.3	994.6	1076	1113	1136	1132	10- 15	126.4	228.2
20.0	1125	994.7	920.9	963.7	1087	1133	1160	1160	15- 20	175.8	404.1
25.0	1155	968.6	888.2	929.7	1102	1151	1190	1191	20- 25	224.2	628.4
30.0	1187	938.6	855.5	894.6	1114	1173	1219	1223	25- 30	271.6	900.0
35.0	1222	904.8	839.7	858.0	1119	1199	1258	1261	30- 35	317.3	1217
40.0	1244	867.1	823.8	819.5	1115	1224	1296	1301	35- 40	361.2	1579
45.0	1263	832.7	787.9	787.0	1104	1252	1400	1356	40- 45	403.3	1982
50.0	1294	791.6	751.9	747.7	1108	1278	1504	1418	45- 50	445.2	2427
55.0	1372	716.7	633.9	664.7	1126	1407	1408	1581	50- 55	482.1	2909
60.0	1480	620.1	516.0	563.0	1159	1554	1313	1729	55- 60	506.0	3415
65.0	1586	446.2	430.1	405.0	1152	1715	1094	1644	60- 65	521.1	3937
70.0	1393	307.3	344.1	280.2	904.1	1652	875.3	1455	65- 70	500.9	4437
75.0	811.8	226.4	258.2	205.9	372.6	1271	656.7	1122	70- 75	399.9	4837
80.0	212.2	148.7	172.2	134.4	69.67	861.5	438.0	763.4	75- 80	246.0	5084
85.0	13.56	74.05	86.28	66.46	13.34	435.1	219.4	386.6	80- 85	128.9	5212
90.0	3.197	0.661	0.331	0.882	8.379	1.212	0.772	0.551	85- 90	41.67	5254
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	

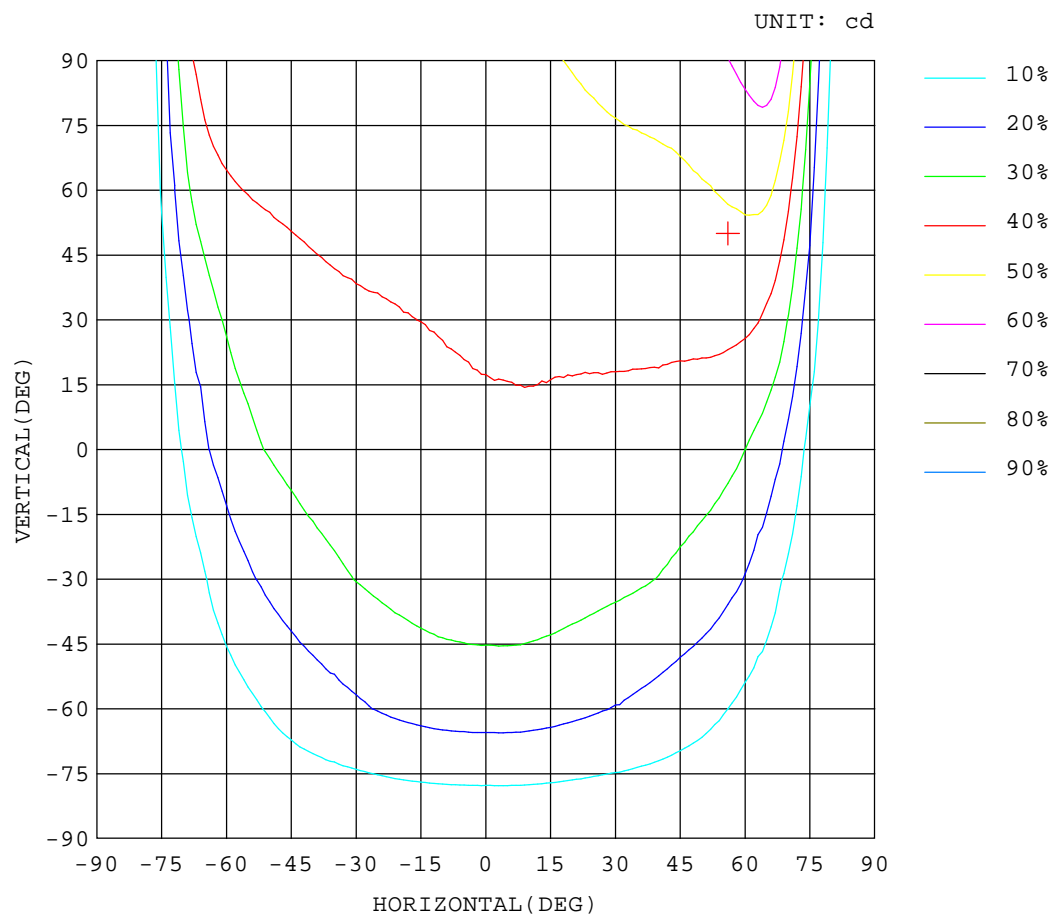
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2023年06月01日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2023年06月01日

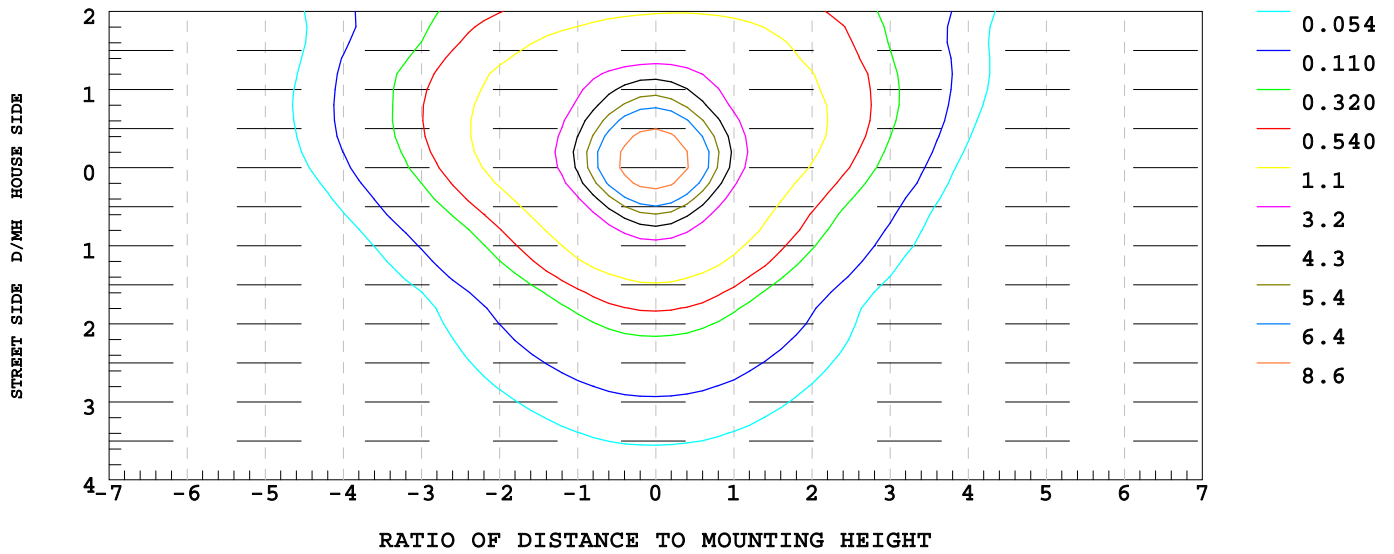
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 10.71 lx



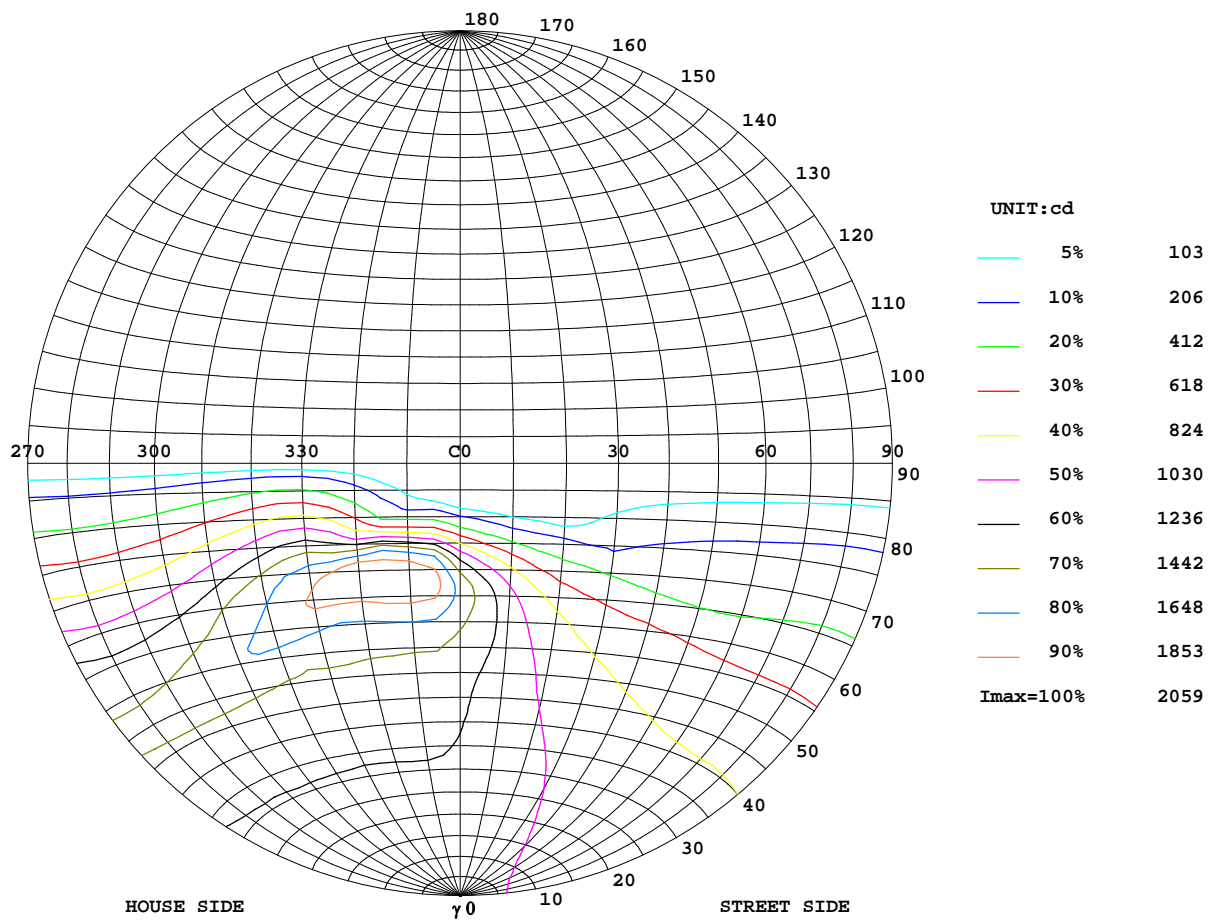
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2023年06月01日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



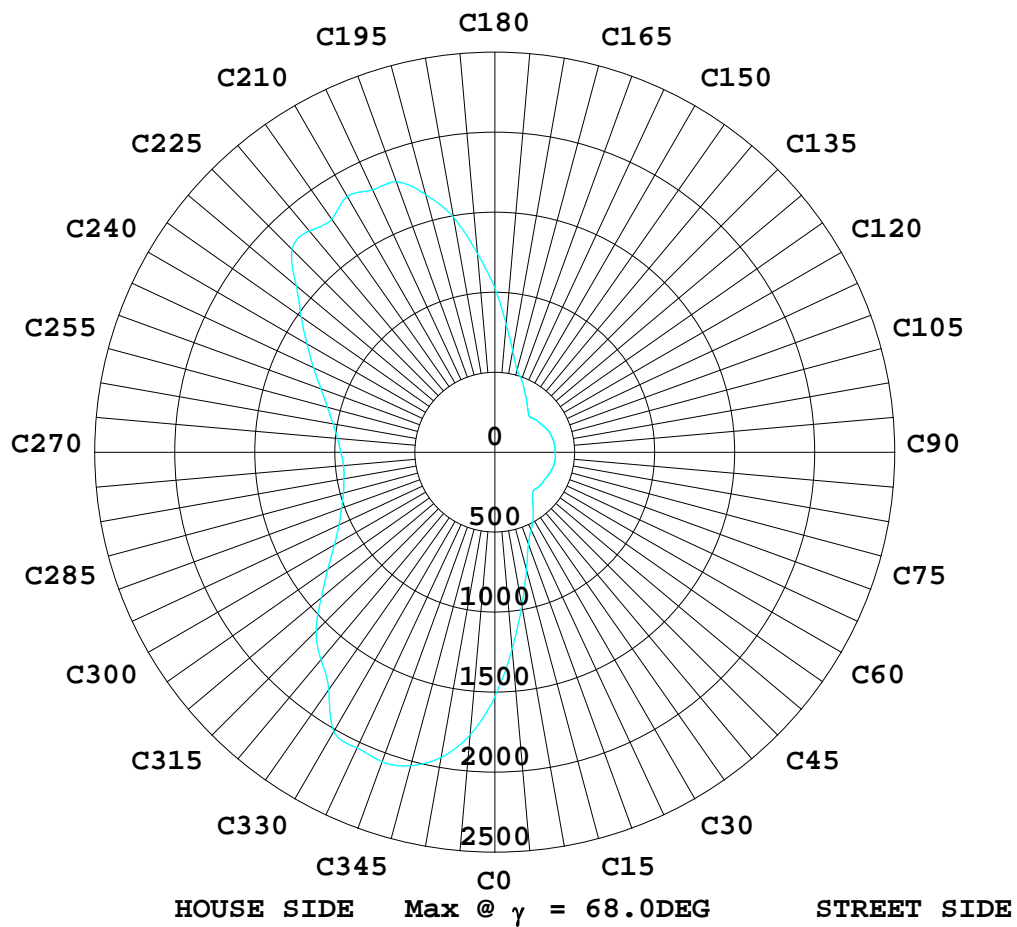
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2023年06月01日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2023年06月01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:						Address:				
NAME:						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						19.7	21.5	20.0	21.7	21.9
4H						21.3	22.9	21.6	23.1	23.4
6H						22.0	23.5	22.3	23.8	24.0
8H						22.6	24.0	22.9	24.3	24.6
12H						22.8	24.2	23.1	24.5	24.8
27.4						23.0	24.3	23.3	24.6	24.9
4H 2H						23.6	25.1	23.9	25.4	25.6
3H						20.5	22.0	20.8	22.3	22.6
4H						22.1	23.5	22.5	23.8	24.1
6H						22.9	24.2	23.3	24.5	24.8
8H						23.7	24.8	24.1	25.1	25.5
12H						24.0	25.0	24.4	25.4	25.8
27.5						24.2	25.2	24.6	25.5	26.0
8H 4H						27.3	28.4	27.7	28.7	29.1
6H						23.2	24.2	23.6	24.6	25.0
8H						24.1	25.0	24.5	25.4	25.8
12H						24.5	25.3	25.0	25.7	26.2
27.6						24.9	25.5	25.3	26.0	26.5
12H 4H						27.3	28.3	27.7	28.6	29.1
6H						23.2	24.1	23.6	24.5	24.9
8H						24.1	24.9	24.6	25.4	25.8
27.6						24.6	25.3	25.1	25.7	26.2
Variations with the observer position at spacings:										
S = 1.0H		+ 0.6 / - 0.5				+ 0.1 / - 0.2				
1.5H		+ 1.4 / - 1.3				+ 0.3 / - 0.4				
2.0H		+ 2.1 / - 2.2				+ 0.3 / - 0.4				

CIE Pub.117 Corrected 5254 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.8)

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2023年06月01日

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