

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

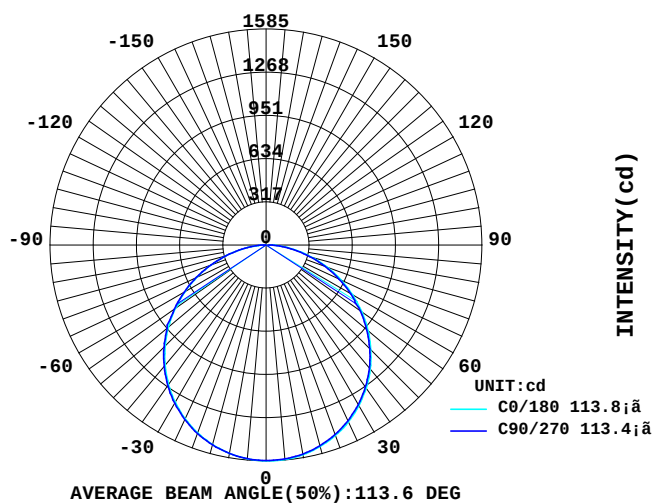
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

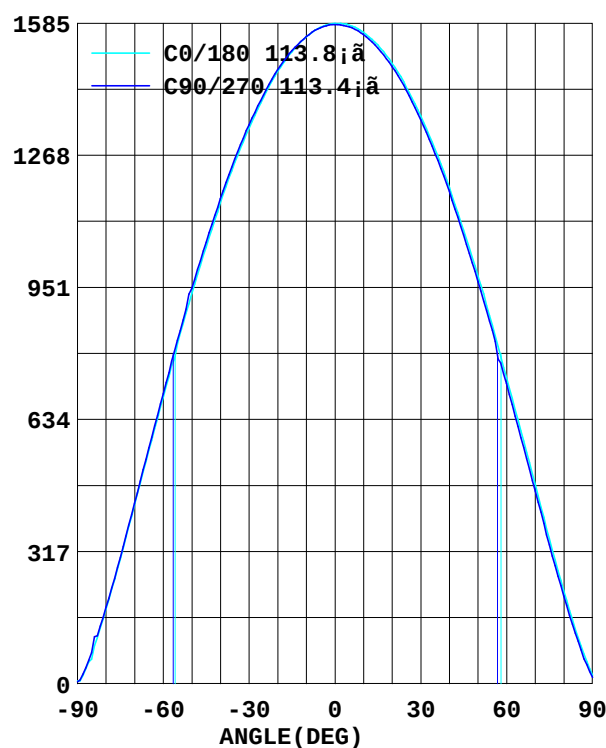
MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:

DATA OF LAMP		Imax(cd)	1585	S/MH(C0/180)	1.25
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.26
NOMINAL POWER(W)	54	TOTAL FLUX(lm)	4612.6	Voltage(V)	231.1
RATED VOLTAGE(V)	232	EFFICIENCY(lm/W)	87.1	Current(A)	0.240
NOMINAL FLUX(lm)	4612.6	η up(%)	0.0	Power(W)	52.97
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.952
TEST VOLTAGE(V)	231.2	Effective Flux(lm)	3596.2	EEI	0.201

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

Color Temperature Data List

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:

Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

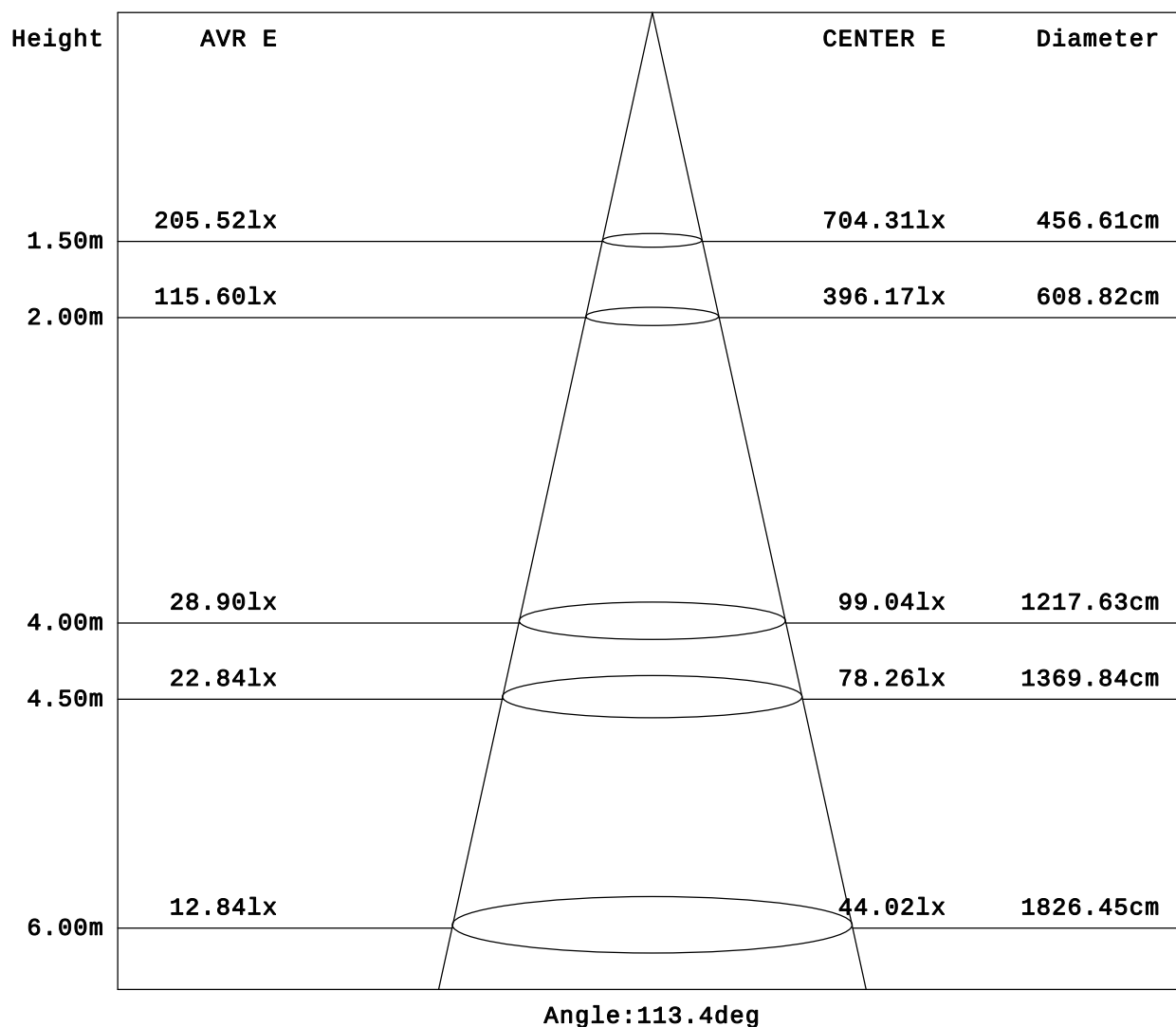
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:

γ	C0	C90	C180	C270					γ	zone	total
5.0	1576	1574	1581	1576					0- 5	37.78	37.78
10.0	1553	1553	1564	1558					5- 10	112.1	149.8
15.0	1516	1519	1533	1526					10- 15	182.7	332.6
20.0	1469	1474	1488	1481					15- 20	247.3	579.9
25.0	1407	1413	1432	1424					20- 25	303.8	883.8
30.0	1333	1341	1363	1354					25- 30	350.1	1234
35.0	1250	1259	1282	1272					30- 35	384.9	1619
40.0	1154	1164	1191	1181					35- 40	406.8	2026
45.0	1048	1059	1089	1077					40- 45	414.8	2441
50.0	936.5	948.4	977.5	964.6					45- 50	409.2	2850
55.0	814.9	824.0	860.3	847.6					50- 55	390.1	3240
60.0	687.2	695.5	735.3	720.3					55- 60	356.4	3596
65.0	560.2	566.3	606.6	590.4					60- 65	313.6	3910
70.0	428.3	432.9	478.3	462.4					65- 70	261.0	4171
75.0	299.1	302.8	347.5	332.9					70- 75	201.0	4372
80.0	179.3	182.8	222.4	209.9					75- 80	138.4	4510
85.0	58.42	74.20	110.1	101.8					80- 85	77.60	4588
90.0	6.259	3.951	20.44	15.33					85- 90	24.60	4613
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 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

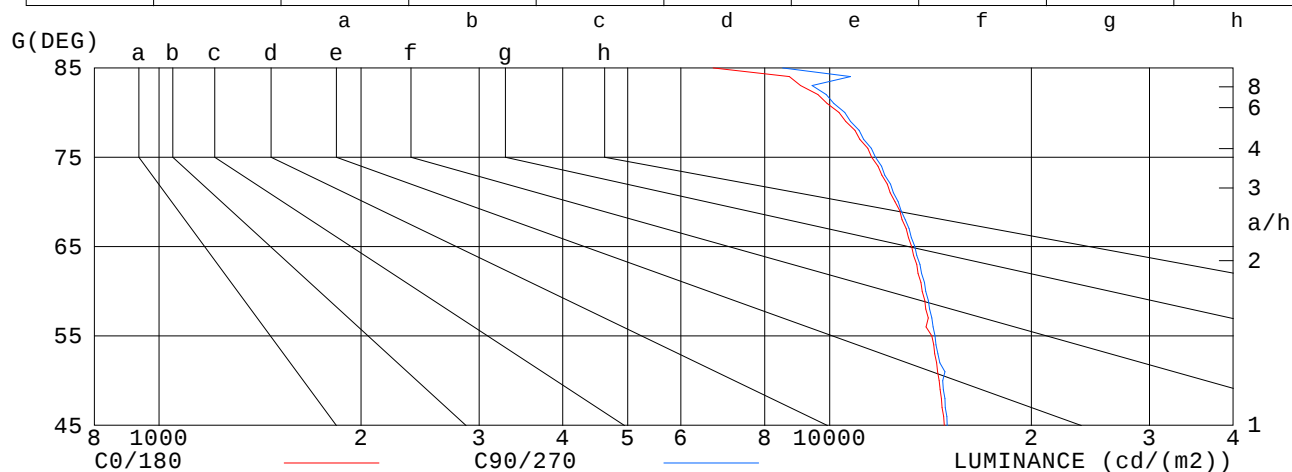
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6704	8515
80	10327	10533
75	11558	11701
70	12525	12659
65	13257	13400
60	13744	13911
55	14209	14367
50	14570	14756
45	14822	14984

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

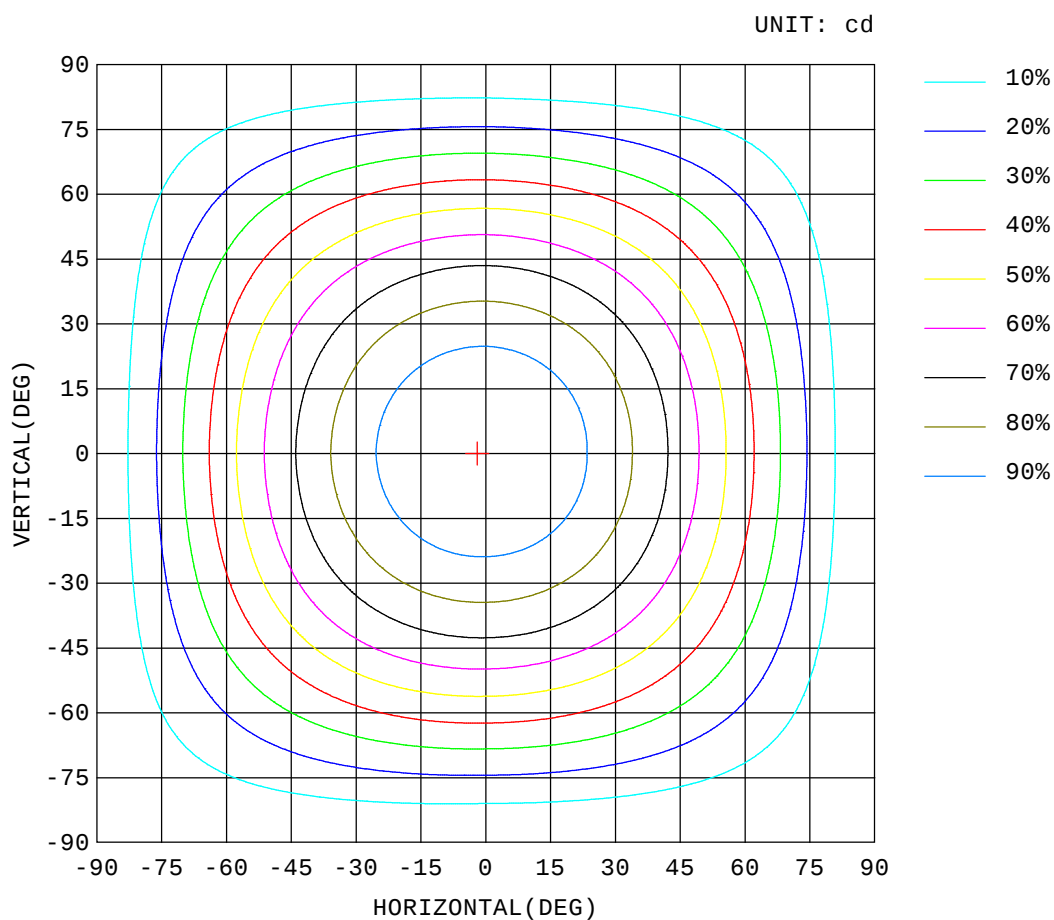
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

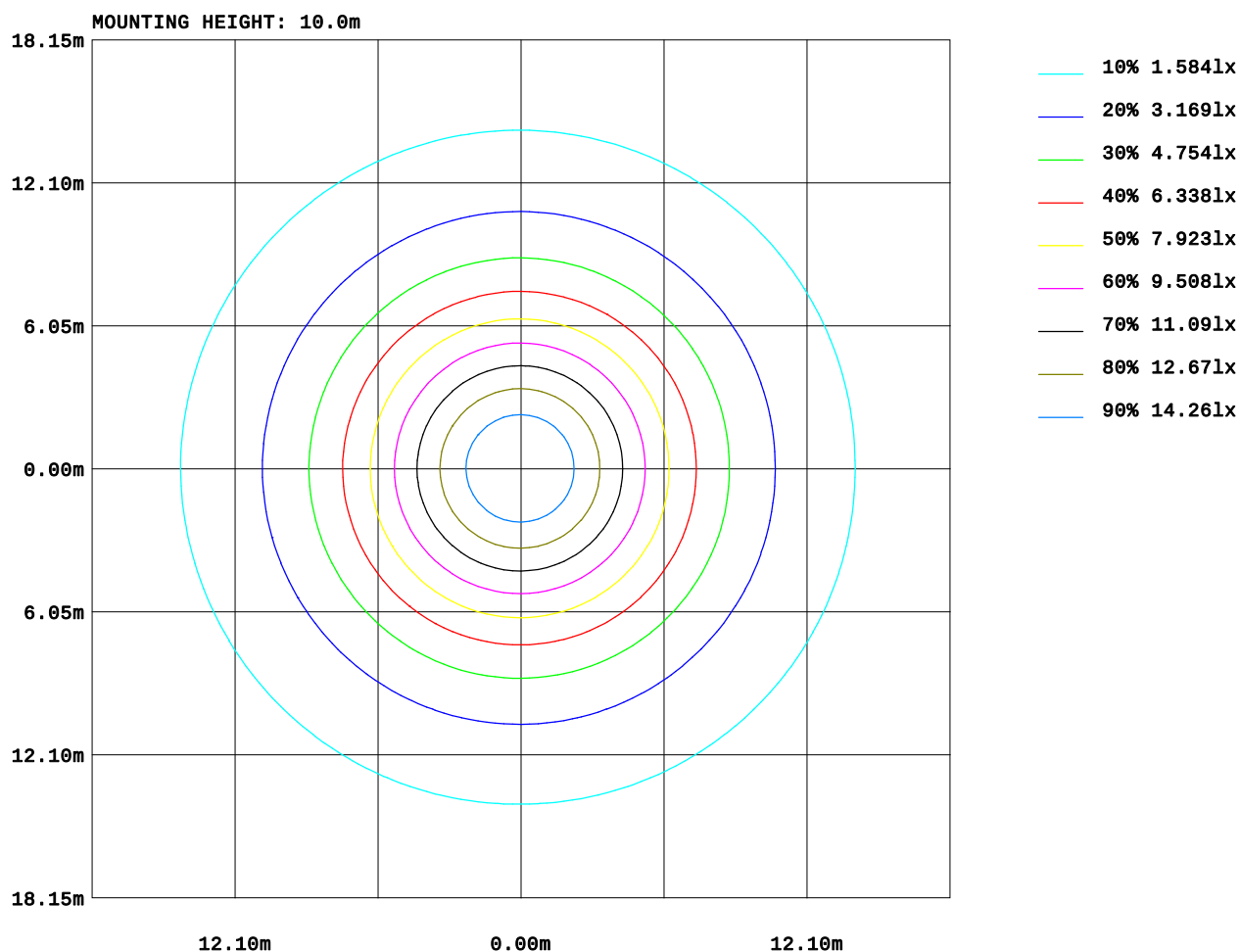
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a								
	0.08	0.32	0.69	1.16	1.69	2.22	2.67	3.00	3.16	3.10	2.81	2.38	1.85	1.30	0.79	0.40	0.14	0.02	27.8	26.1										
90	0.13	0.70	1.75	3.23	4.96	6.73	8.31	9.48	10.0	10.0	9.24	7.94	6.28	4.47	2.76	1.34	0.43	0.05	87.9	83.5										
80	0.18	1.10	2.95	5.56	8.65	11.8	14.6	16.7	17.8	17.7	16.4	14.2	11.3	8.10	5.04	2.52	0.82	0.09	156	148										
70	0.23	1.52	4.15	7.90	12.3	16.8	20.8	23.8	25.4	25.3	23.5	20.4	16.3	11.7	7.34	3.69	1.23	0.13	223	212										
60	0.28	1.92	5.27	10.0	15.6	21.4	26.6	30.4	32.4	32.3	30.1	26.1	20.8	15.0	9.47	4.78	1.61	0.18	285	271										
50	0.32	2.26	6.25	11.9	18.5	25.4	31.4	35.9	38.3	38.2	35.6	31.0	24.8	17.9	11.3	5.74	1.93	0.22	337	321										
40	0.35	2.53	7.03	13.3	20.9	28.5	35.2	40.2	42.8	42.7	39.9	34.7	27.8	20.2	12.7	6.49	2.19	0.25	378	360										
30	0.38	2.72	7.57	14.4	22.4	30.6	37.8	43.1	45.9	45.8	42.8	37.3	29.9	21.7	13.7	7.00	2.37	0.27	406	386										
20	0.39	2.82	7.85	14.9	23.3	31.7	39.2	44.7	47.5	47.4	44.3	38.5	31.0	22.4	14.2	7.25	2.46	0.28	421	400										
10	0.39	2.82	7.84	14.9	23.2	31.7	39.1	44.6	47.4	47.3	44.2	38.5	30.9	22.4	14.1	7.25	2.45	0.28	420	399										
0	0.38	2.71	7.54	14.3	22.4	30.5	37.7	43.0	45.8	45.7	42.7	37.2	29.8	21.6	13.6	6.98	2.36	0.27	405	385										
-10	0.35	2.51	6.99	13.3	20.8	28.3	35.0	40.0	42.5	42.4	39.7	34.6	27.7	20.1	12.6	6.44	2.18	0.24	376	358										
-20	0.32	2.23	6.19	11.8	18.4	25.2	31.2	35.6	37.9	37.8	35.3	30.7	24.6	17.7	11.2	5.67	1.91	0.21	334	318										
-30	0.27	1.89	5.19	9.93	15.4	21.1	26.2	30.0	31.9	31.8	29.7	25.8	20.6	14.8	9.34	4.70	1.58	0.17	281	267										
-40	0.23	1.49	4.06	7.73	12.0	16.5	20.4	23.3	24.8	24.7	23.0	20.0	15.9	11.4	7.17	3.60	1.20	0.13	218	208										
-50	0.17	1.08	2.85	5.37	8.35	11.4	14.1	16.1	17.1	17.0	15.8	13.7	10.9	7.81	4.86	2.43	0.79	0.09	150	143										
-60	0.12	0.67	1.67	3.06	4.66	6.30	7.74	8.77	9.25	9.16	8.53	7.37	5.85	4.18	2.59	1.26	0.40	0.05	81.7	77.5										
-70	0.07	0.29	0.62	1.02	1.47	1.89	2.23	2.45	2.51	2.44	2.26	1.94	1.52	1.07	0.64	0.32	0.11	0.02	22.9	21.4										
-80																														
-90																														
HORIZONTAL (DEG)																					20	30	40	50	60	70	80	90		
Φ t	4.63	31.6	86.5	164	256	349	431	492	523	522	487	423	339	245	154	77.9	26.2	2.93	4613											
Φ a	0.00	0.00	0.00	164	256	349	431	492	523	522	487	423	339	245	154	0.00	0.00	0.00		3596										

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

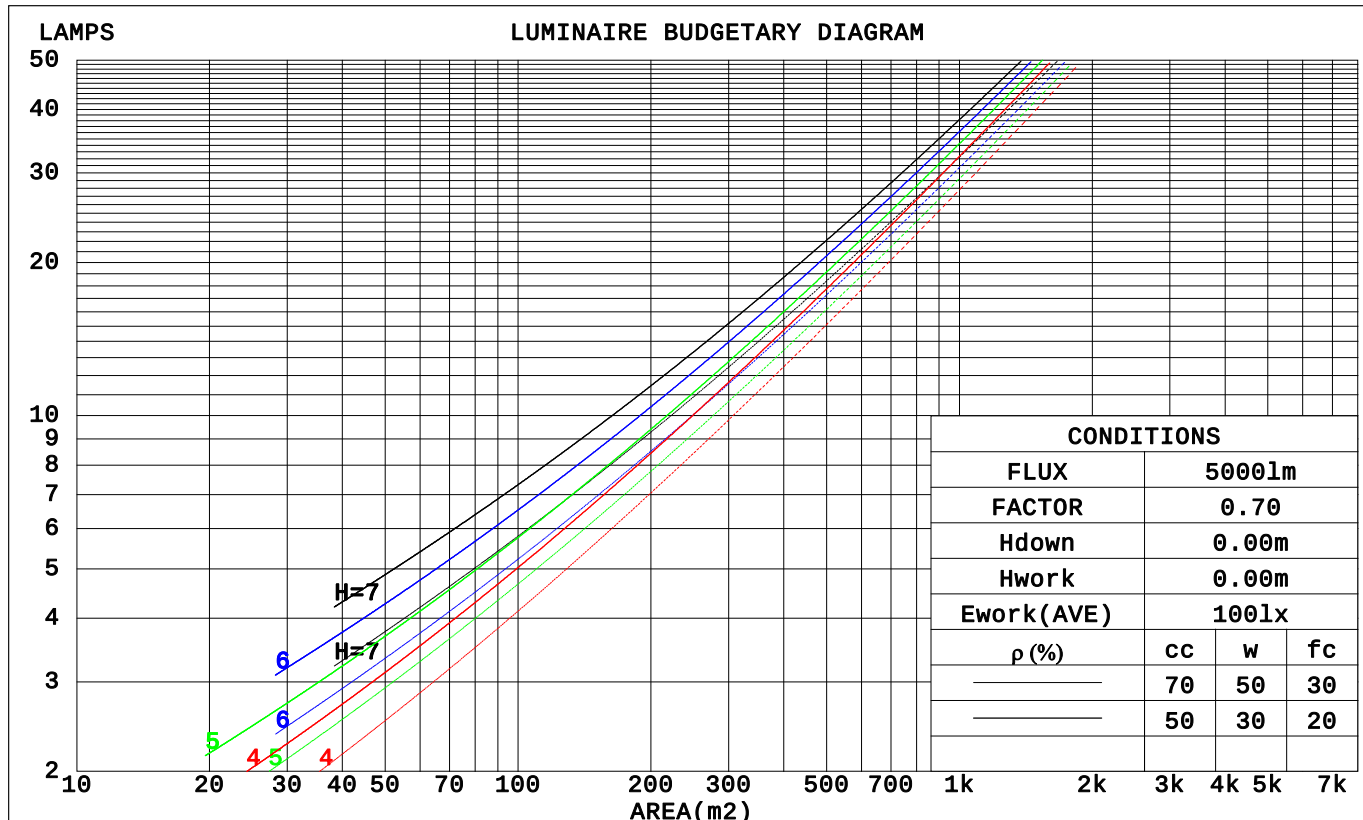
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER:														
Address:														
NAME: over								TYPE: panel				WEIGHT: 2		
SPECIFICATION:								DIMENSION: 60*60				SERIAL No.:		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.316	.179	.057	.309	.176	.056	.295	.169	.054	.283	.163	.052	.272	.158	.051	
2.0	.296	.162	.050	.289	.159	.049	.278	.154	.048	.267	.150	.047	.257	.145	.046	
3.0	.273	.145	.043	.267	.143	.043	.257	.139	.042	.247	.135	.042	.238	.132	.041	
4.0	.251	.131	.038	.246	.129	.038	.237	.126	.038	.229	.123	.037	.221	.120	.037	
5.0	.232	.118	.034	.228	.117	.034	.220	.114	.034	.212	.112	.033	.205	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.191	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027	
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.075	.021	

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.181	.156	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.019	.017	.015	
2.0	.173	.132	.098	.148	.114	.084	.101	.079	.059	.058	.046	.034	.019	.015	.011	
3.0	.165	.114	.074	.141	.099	.064	.097	.069	.045	.056	.040	.026	.018	.013	.009	
4.0	.157	.101	.058	.135	.087	.050	.093	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.010	.006	
6.0	.143	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.074	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

Uncorrected UGR Table

Report number:

MANUFACTURER:											
Address:											
NAME: over					TYPE: panel			WEIGHT: 2			
SPECIFICATION:					DIMENSION: 60*60			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	2H	22.0	23.6	22.3	23.8	24.0	22.1	23.6	22.3	23.8	24.0
	3H	23.5	24.9	23.8	25.2	25.4	23.6	25.0	23.9	25.2	25.5
	4H	24.1	25.5	24.4	25.7	26.0	24.2	25.5	24.5	25.8	26.0
	6H	24.5	25.8	24.9	26.1	26.4	24.6	25.9	24.9	26.1	26.4
	8H	24.7	25.9	25.0	26.2	26.5	24.7	26.0	25.1	26.2	26.5
	12H	24.7	25.9	25.1	26.2	26.5	24.8	26.0	25.2	26.3	26.6
4H	2H	22.6	24.0	23.0	24.2	24.5	22.7	24.0	23.0	24.3	24.5
	3H	24.3	25.5	24.7	25.8	26.1	24.4	25.5	24.7	25.8	26.1
	4H	25.0	26.1	25.4	26.4	26.8	25.1	26.2	25.5	26.5	26.8
	6H	25.6	26.5	26.0	26.9	27.3	25.6	26.6	26.0	26.9	27.3
	8H	25.8	26.7	26.2	27.0	27.4	25.8	26.7	26.2	27.1	27.5
	12H	25.9	26.7	26.3	27.1	27.5	26.0	26.8	26.4	27.2	27.6
8H	4H	25.3	26.2	25.7	26.6	27.0	25.3	26.2	25.8	26.6	27.0
	6H	26.0	26.7	26.4	27.2	27.6	26.0	26.8	26.5	27.2	27.6
	8H	26.3	26.9	26.7	27.3	27.8	26.3	27.0	26.8	27.4	27.8
	12H	26.4	27.0	26.9	27.4	27.9	26.5	27.1	27.0	27.5	28.0
12H	4H	25.3	26.1	25.7	26.5	26.9	25.4	26.2	25.8	26.6	27.0
	6H	26.1	26.7	26.5	27.1	27.6	26.1	26.8	26.6	27.2	27.6
	8H	26.4	26.9	26.8	27.4	27.9	26.4	27.0	26.9	27.4	27.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 4613 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.3)

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	99	91	84	96	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	90	86	78
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	104	99	106	102	98	101	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

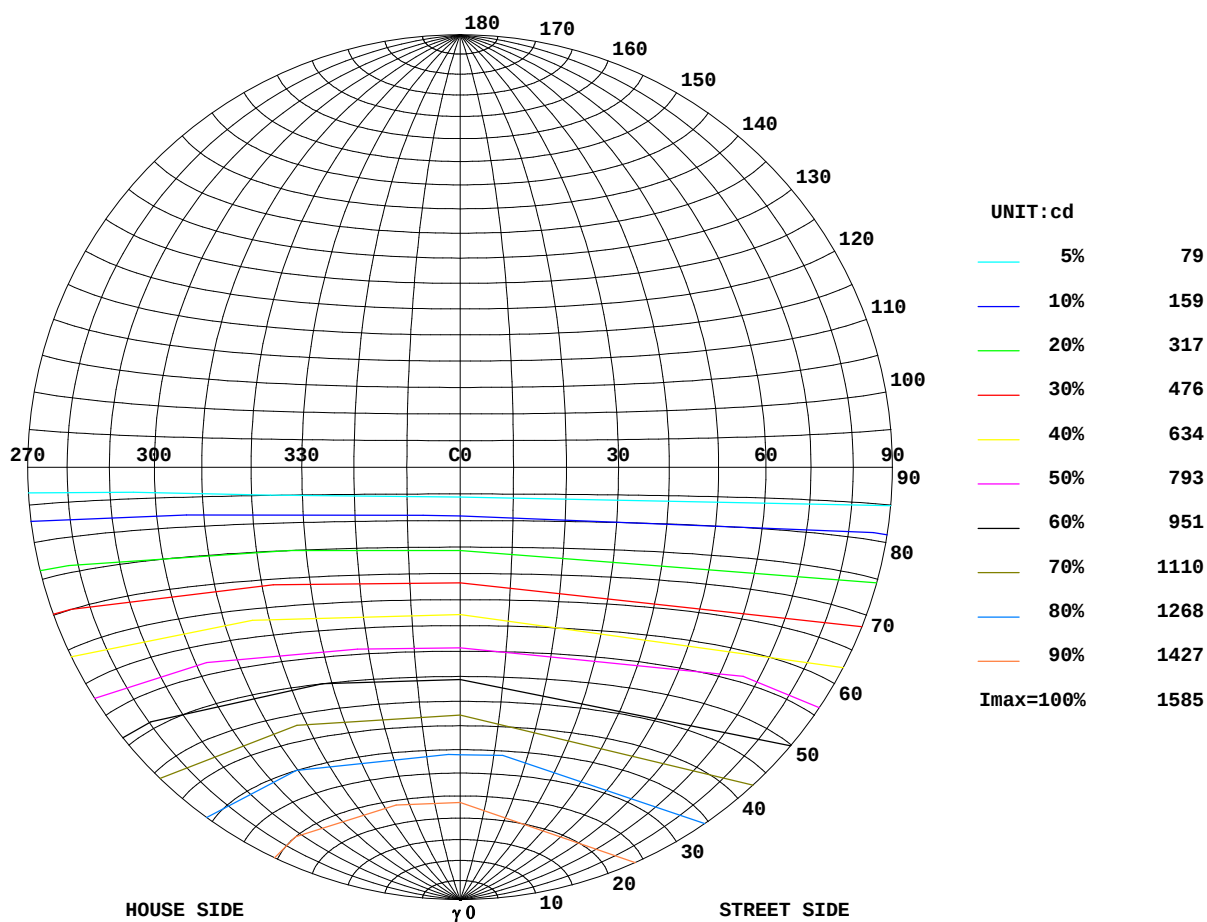
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

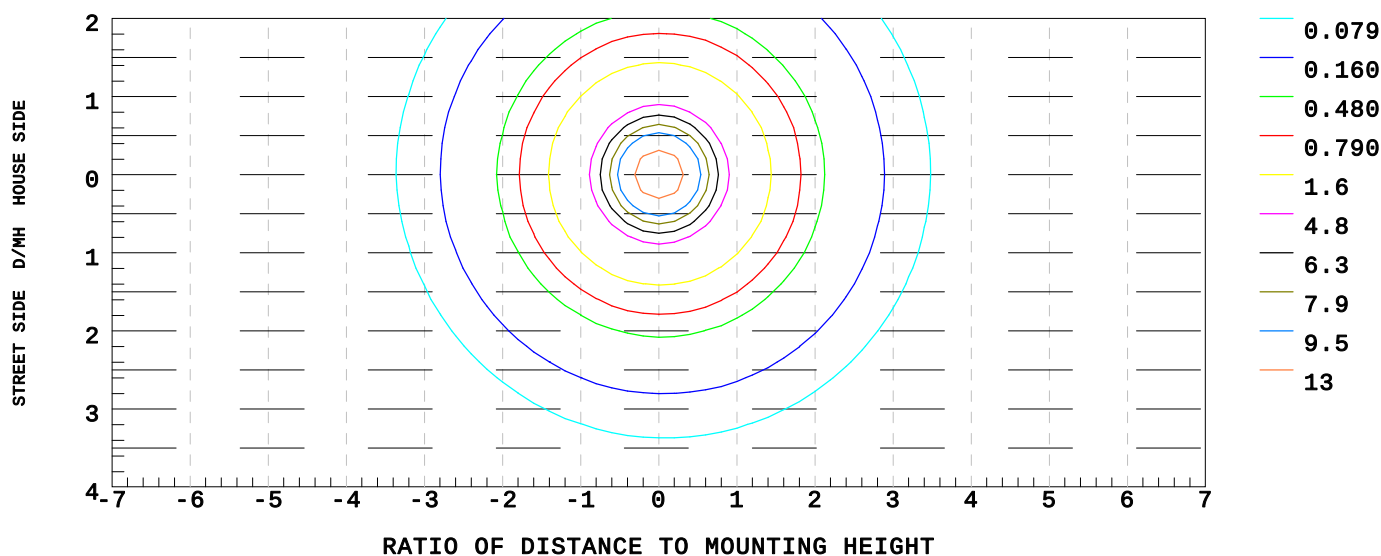
HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 15.85 lx



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

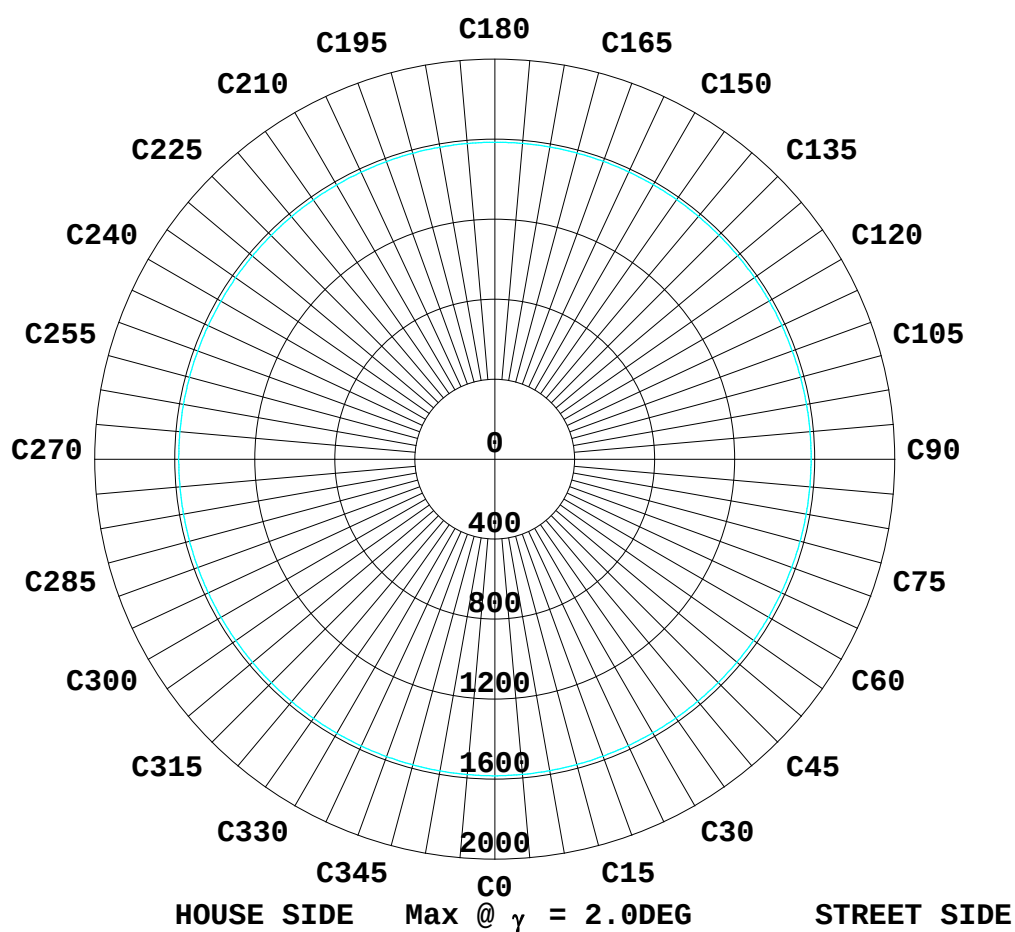
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		
Address:		
NAME: over	TYPE: panel	WEIGHT: 2
SPECIFICATION:	DIMENSION: 60*60	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)			
	0	90	180	270
0.0	1585	1582	1585	1582
5.0	1576	1574	1581	1576
10.0	1553	1553	1564	1558
15.0	1516	1519	1533	1526
20.0	1469	1474	1488	1481
25.0	1407	1413	1432	1424
30.0	1333	1341	1363	1354
35.0	1250	1259	1282	1272
40.0	1154	1164	1191	1181
45.0	1048	1059	1089	1077
50.0	937	948	978	965
55.0	815	824	860	848
60.0	687	696	735	720
65.0	560	566	607	590
70.0	428	433	478	462
75.0	299	303	348	333
80.0	179	183	222	210
85.0	58.4	74.2	110	102
90.0	6.25	3.95	20.4	15.3

Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks: