

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

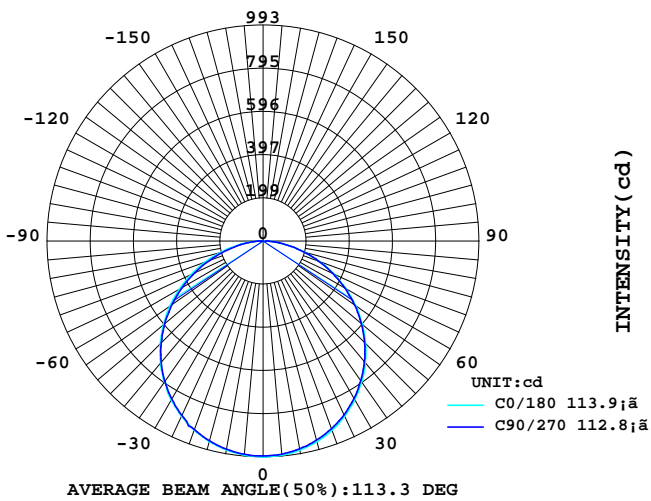
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

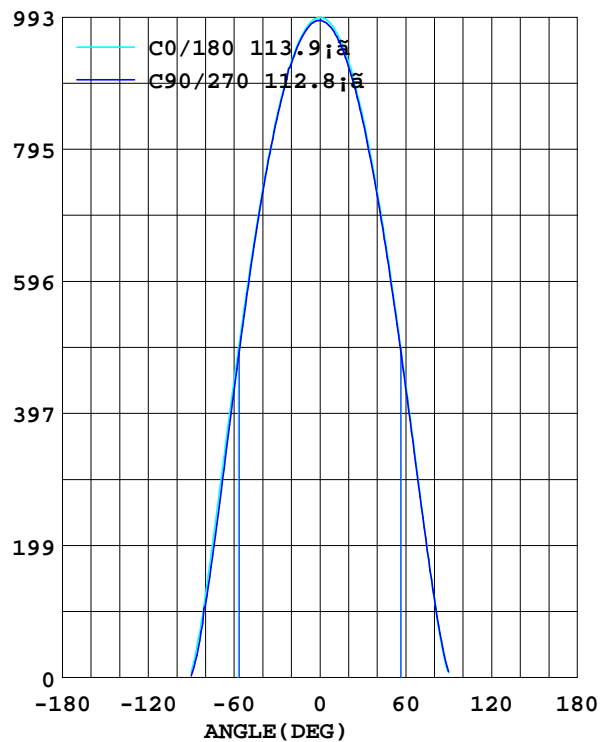
MANUFACTURER:		
Address:		
NAME: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706

DATA OF LAMP		I _{max} (cd)	993.2	S/MH(C0/180)	1.27
MODEL	SMD	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.26
NOMINAL POWER(W)	36	TOTAL FLUX(lm)	2856.7	Voltage(V)	231.3
RATED VOLTAGE(V)	232	EFFICIENCY(lm/W)	85.1	Current(A)	0.274
NOMINAL FLUX(lm)	2856.8	η up(%)	0.0	Power(W)	33.56
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.529
TEST VOLTAGE(V)	231.3	Effective Flux(lm)	2856.8	EEI	0.160

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO 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

Color Temperature Data List

Report number:

MANUFACTURER:		
Address:		
NAME: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706

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

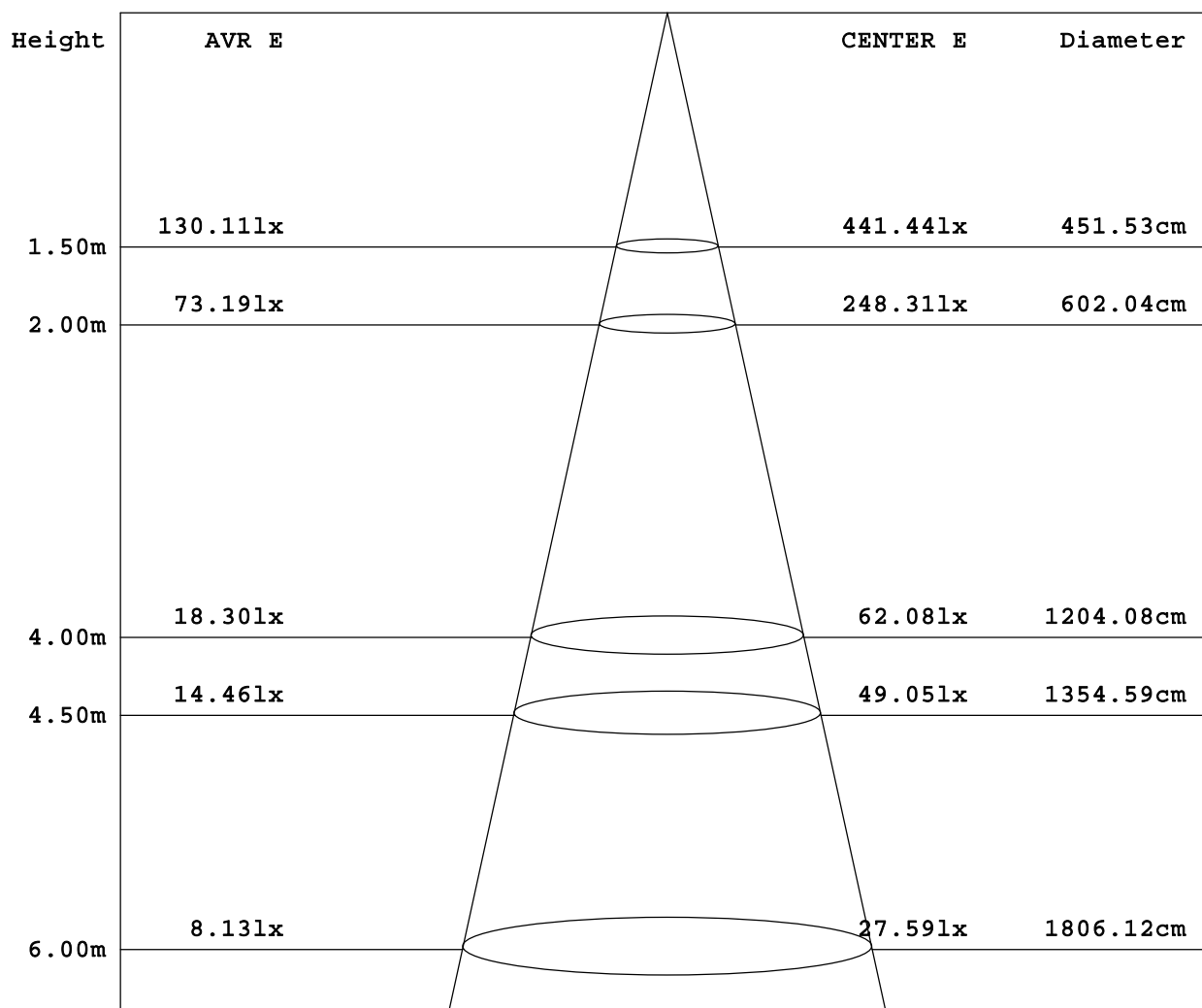
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706



Angle:112.8deg

Test System:HOPOO 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

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706

γ	C0	C90	C180	C270				γ	zone	total
5.0	988.4	984.8	988.9	983.8				0- 5	23.63	23.63
10.0	975.3	972.4	976.5	970.6				5- 10	70.12	93.76
15.0	955.2	952.1	955.4	948.7				10- 15	114.2	208.0
20.0	925.8	923.1	926.6	919.4				15- 20	154.6	362.6
25.0	888.6	884.7	888.4	882.0				20- 25	189.8	552.5
30.0	844.7	840.5	843.2	836.4				25- 30	218.5	771.1
35.0	791.9	788.4	791.5	784.5				30- 35	239.9	1011
40.0	733.0	728.7	731.8	725.6				35- 40	253.5	1265
45.0	669.1	663.3	666.4	659.9				40- 45	258.2	1523
50.0	598.4	590.2	596.7	590.7				45- 50	254.3	1777
55.0	523.1	512.0	520.5	514.8				50- 55	241.7	2019
60.0	446.0	431.4	440.4	435.1				55- 60	220.8	2240
65.0	365.0	347.1	359.9	354.4				60- 65	193.2	2433
70.0	284.0	262.8	276.1	272.1				65- 70	159.7	2593
75.0	201.7	182.8	192.8	191.6				70- 75	121.6	2714
80.0	123.1	107.6	116.4	118.9				75- 80	82.23	2797
85.0	58.82	43.73	49.94	55.35				80- 85	45.39	2842
90.0	7.346	2.705	7.558	8.858				85- 90	14.69	2857
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:HOPOO HPG1600
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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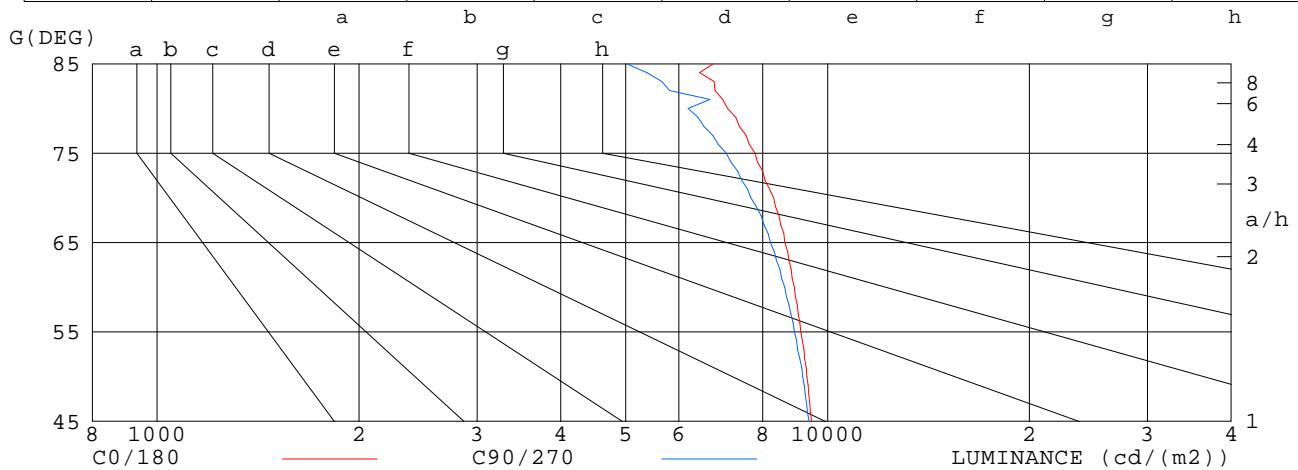
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
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	6750	5018
80	7092	6197
75	7793	7064
70	8304	7686
65	8637	8214
60	8922	8630
55	9121	8927
50	9310	9182
45	9464	9381

Test System:HOPOO HPG1600
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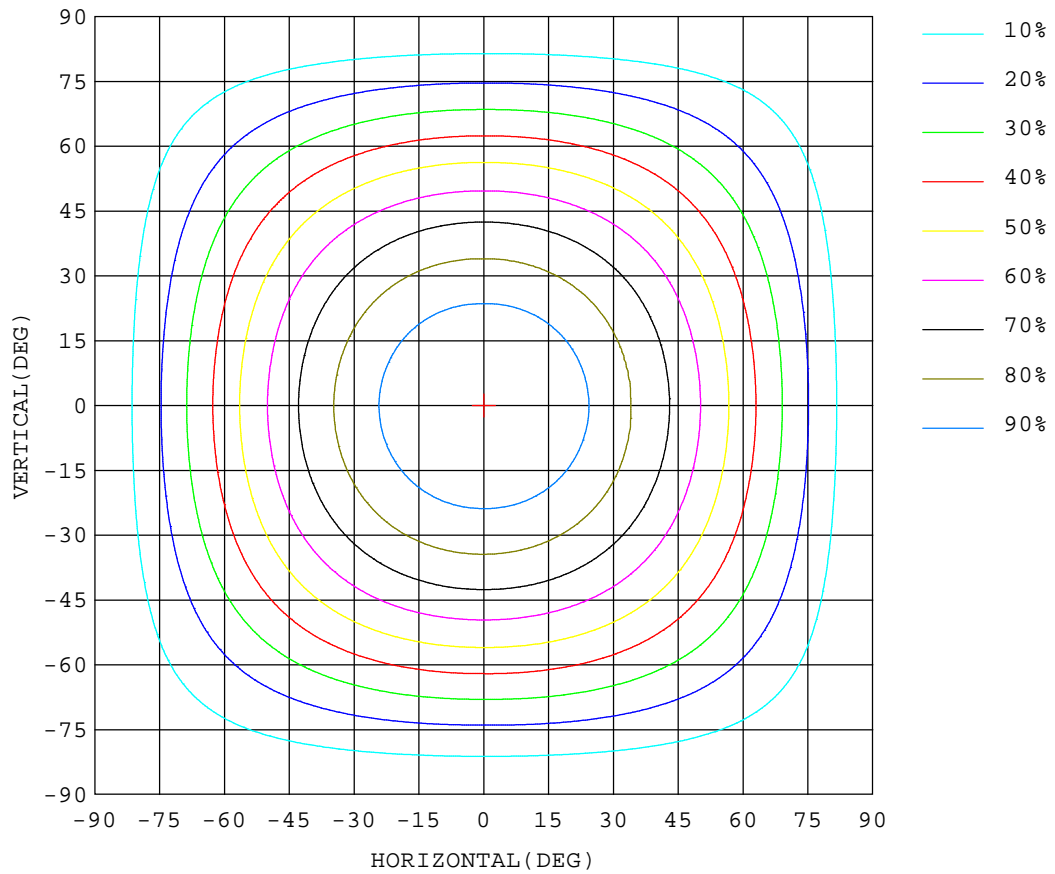
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706

UNIT: cd



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

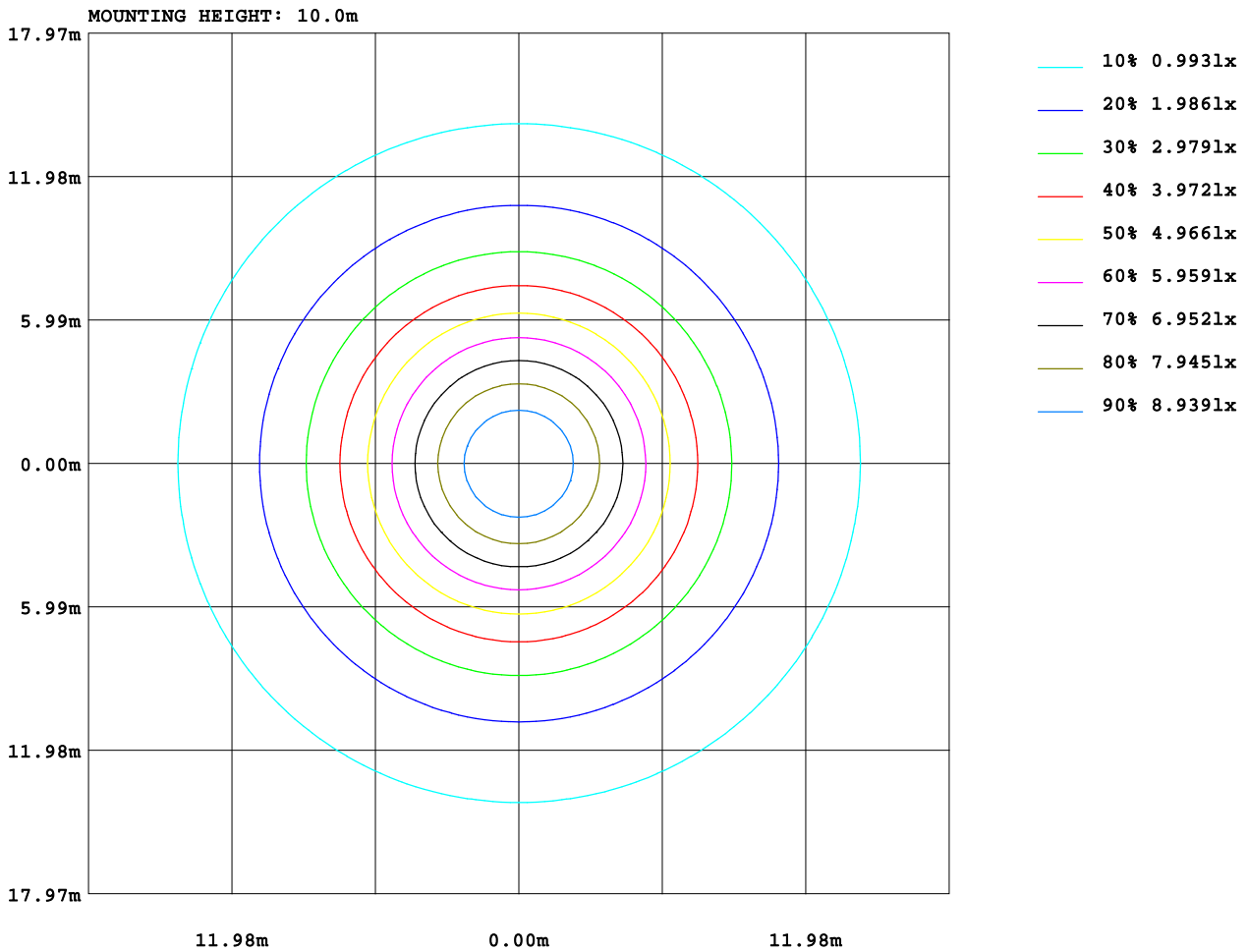
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706



Test System:HOPOO 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: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a					
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	90	90					
90	0.03	0.12	0.30	0.54	0.83	1.12	1.40	1.61	1.73	1.74	1.64	1.44	1.18	0.89	0.60	0.34	0.15	0.03	15.7	15.7						
80	0.05	0.31	0.88	1.71	2.71	3.77	4.72	5.44	5.83	5.84	5.48	4.78	3.84	2.79	1.78	0.94	0.36	0.06	51.3	51.3						
70	0.07	0.55	1.58	3.12	4.99	6.94	8.68	9.98	10.6	10.6	10.0	8.73	7.01	5.07	3.20	1.65	0.59	0.09	93.6	93.6						
60	0.10	0.80	2.31	4.59	7.31	10.1	12.6	14.5	15.5	15.5	14.5	12.6	10.1	7.38	4.67	2.39	0.84	0.12	136	136						
50	0.13	1.03	3.02	5.96	9.44	13.0	16.2	18.6	19.8	19.8	18.6	16.2	13.0	9.50	6.03	3.10	1.07	0.14	175	175						
40	0.15	1.24	3.64	7.13	11.2	15.5	19.3	22.1	23.6	23.6	22.1	19.3	15.5	11.3	7.20	3.71	1.29	0.17	209	209						
30	0.17	1.40	4.13	8.07	12.7	17.5	21.7	24.9	26.5	26.5	24.9	21.7	17.5	12.7	8.13	4.20	1.46	0.19	235	235						
20	0.19	1.52	4.47	8.72	13.7	18.8	23.4	26.8	28.5	28.5	26.8	23.4	18.8	13.7	8.78	4.55	1.58	0.20	253	253						
10	0.19	1.58	4.65	9.06	14.2	19.5	24.3	27.8	29.6	29.6	27.8	24.3	19.5	14.3	9.12	4.72	1.64	0.21	263	263						
0	0.19	1.58	4.65	9.06	14.2	19.5	24.3	27.8	29.7	29.6	27.8	24.3	19.6	14.3	9.12	4.72	1.64	0.21	263	263						
-10	0.18	1.52	4.47	8.72	13.7	18.9	23.4	26.8	28.6	28.6	26.8	23.4	18.9	13.7	8.78	4.54	1.57	0.20	253	253						
-20	0.17	1.40	4.12	8.06	12.7	17.5	21.8	24.9	26.6	26.6	24.9	21.8	17.5	12.7	8.12	4.19	1.45	0.19	235	235						
-30	0.15	1.23	3.62	7.11	11.2	15.5	19.3	22.2	23.7	23.7	22.2	19.3	15.5	11.3	7.18	3.69	1.28	0.17	209	209						
-40	0.13	1.02	3.00	5.92	9.40	13.0	16.2	18.6	19.9	19.9	18.6	16.2	13.0	9.46	6.00	3.07	1.07	0.14	175	175						
-50	0.10	0.79	2.28	4.54	7.24	10.0	12.5	14.4	15.4	15.4	14.4	12.5	10.0	7.32	4.61	2.36	0.83	0.12	135	135						
-60	0.07	0.54	1.55	3.05	4.89	6.81	8.53	9.82	10.4	10.5	9.85	8.58	6.88	4.97	3.14	1.62	0.58	0.09	92.0	92.0						
-70	0.05	0.30	0.84	1.65	2.62	3.63	4.52	5.19	5.53	5.55	5.23	4.58	3.70	2.69	1.72	0.91	0.35	0.06	49.1	49.1						
-80	0.03	0.11	0.27	0.48	0.73	0.99	1.22	1.40	1.49	1.50	1.43	1.27	1.04	0.79	0.54	0.31	0.14	0.03	13.8	13.8						
-90	0.03	0.11	0.27	0.48	0.73	0.99	1.22	1.40	1.49	1.50	1.43	1.27	1.04	0.79	0.54	0.31	0.14	0.03	13.8	13.8						
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t	2.13	17.0	49.8	97.5	154	213	265	303	324	324	304	265	213	155	98.8	51.0	17.9	2.40	2857							
Φ a	2.13	17.0	49.8	97.5	154	213	265	303	324	324	304	265	213	155	98.8	51.0	17.9	2.40			2857					

Test System:HOPOO 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:

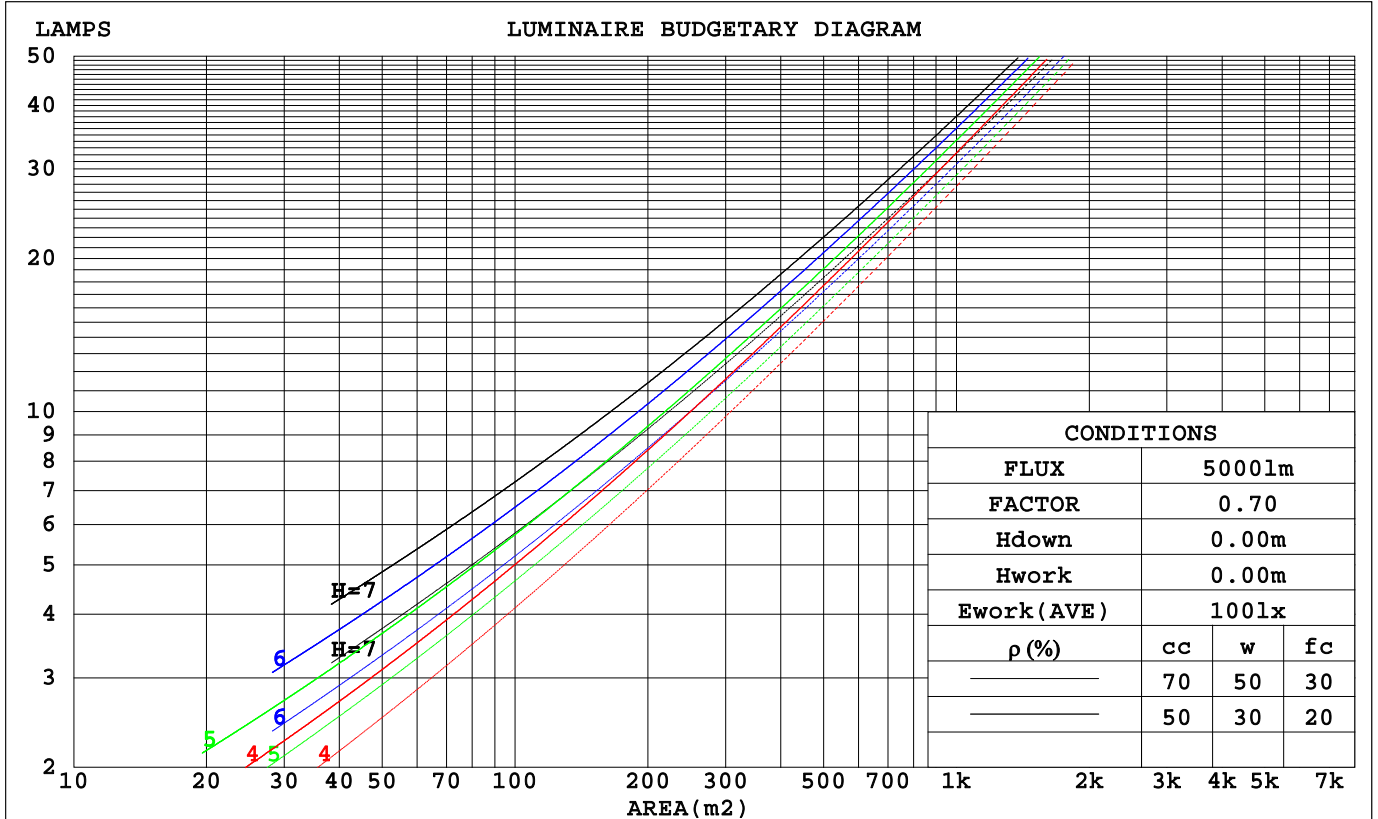
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706

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															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.91	.88	.90	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.58	.52	.62	.56	.52	.50
5.0	.63	.53	.47	.61	.53	.46	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.32	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



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

Test Set: 5.0deg/s C-Gamma (TYPE C)
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 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER:		
Address:		
NAME: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.313	.178	.056	.306	.174	.055	.293	.168	.054	.280	.162	.052	.269	.156	.050	
2.0	.294	.161	.049	.287	.158	.049	.276	.153	.048	.265	.149	.047	.255	.144	.045	
3.0	.271	.144	.043	.266	.142	.043	.256	.138	.042	.246	.135	.041	.237	.131	.041	
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.228	.122	.037	.220	.119	.036	
5.0	.231	.118	.034	.227	.116	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.199	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.178	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.075	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.154	.134	.115	.106	.092	.080	.061	.053	.046	.019	.017	.015	
2.0	.172	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.114	.074	.141	.099	.064	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.135	.087	.051	.093	.061	.036	.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	.142	.082	.039	.122	.071	.034	.084	.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	.073	.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:HOPOO 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: mbp					TYPE: 036			WEIGHT:		
SPECIFICATION:					DIMENSION: 40*40			SERIAL No.: LA/YE6L-990706		
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	20.6	22.1	20.8	22.3	22.5	20.5	22.0	20.7	22.2	22.4
3H	22.1	23.6	22.4	23.8	24.0	21.9	23.4	22.2	23.6	23.8
4H	22.8	24.1	23.1	24.4	24.6	22.5	23.9	22.8	24.1	24.4
6H	23.2	24.5	23.6	24.8	25.1	22.9	24.2	23.2	24.5	24.7
8H	23.4	24.6	23.7	24.9	25.2	23.0	24.3	23.4	24.6	24.8
12H	23.5	24.7	23.8	25.0	25.3	23.1	24.3	23.5	24.6	24.9
4H 2H	21.2	22.5	21.5	22.8	23.0	21.1	22.4	21.4	22.7	22.9
3H	22.9	24.1	23.3	24.4	24.7	22.7	23.9	23.1	24.2	24.5
4H	23.7	24.8	24.1	25.1	25.4	23.4	24.5	23.8	24.8	25.2
6H	24.3	25.2	24.7	25.6	25.9	24.0	24.9	24.4	25.3	25.7
8H	24.5	25.4	24.9	25.7	26.1	24.2	25.1	24.6	25.4	25.8
12H	24.6	25.5	25.1	25.8	26.3	24.3	25.1	24.7	25.5	25.9
8H 4H	23.9	24.8	24.3	25.2	25.6	23.7	24.6	24.1	25.0	25.4
6H	24.7	25.4	25.1	25.8	26.3	24.4	25.2	24.9	25.6	26.0
8H	25.0	25.6	25.4	26.1	26.5	24.7	25.3	25.1	25.8	26.2
12H	25.2	25.8	25.7	26.2	26.7	24.9	25.4	25.3	25.9	26.3
12H 4H	23.9	24.8	24.4	25.1	25.6	23.7	24.6	24.2	24.9	25.4
6H	24.7	25.4	25.2	25.8	26.3	24.5	25.1	24.9	25.6	26.0
8H	25.1	25.6	25.6	26.1	26.6	24.8	25.4	25.3	25.8	26.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 2857 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.6)

Test System:HOPOO 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: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706

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	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	65	54	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	57
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	90	100	94	88	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

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

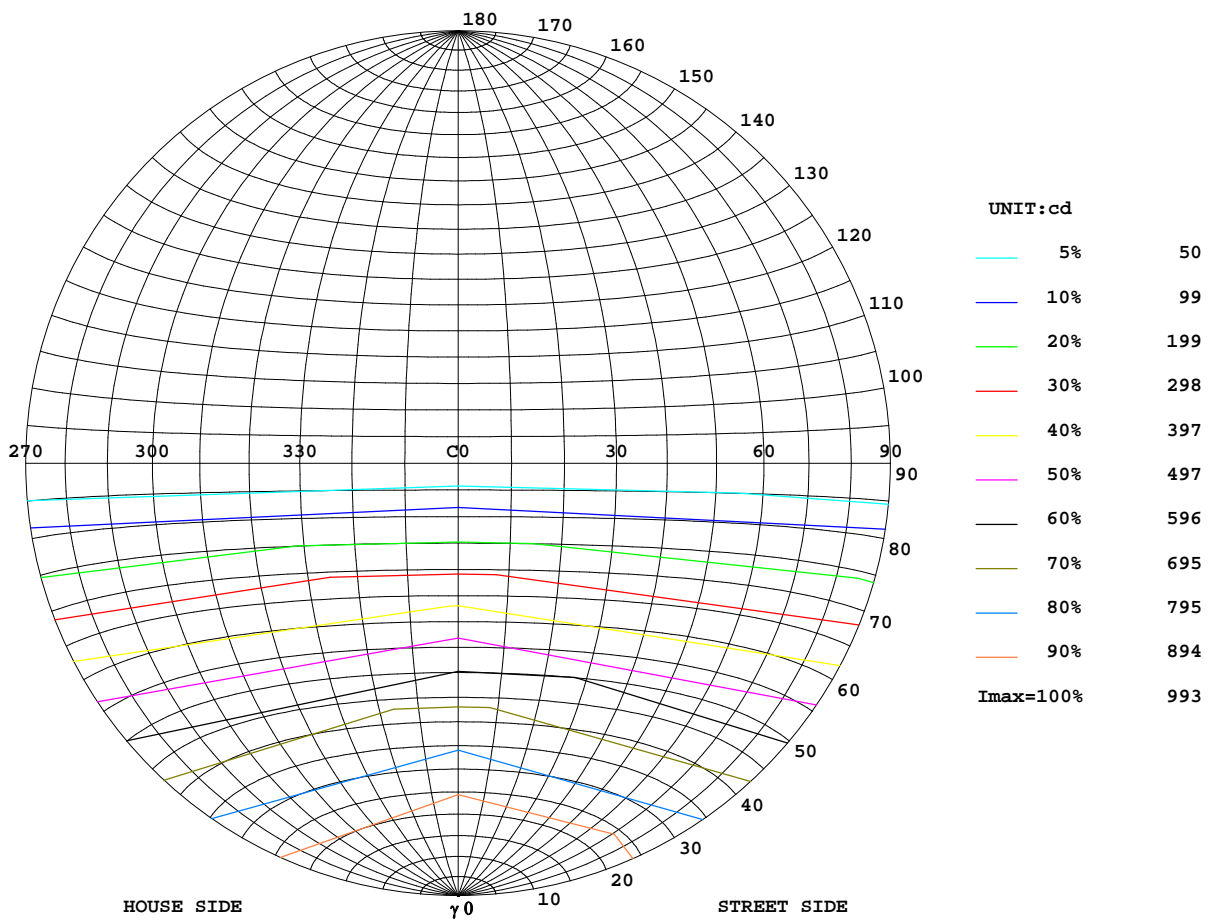
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706



Test System:HOPOO 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:

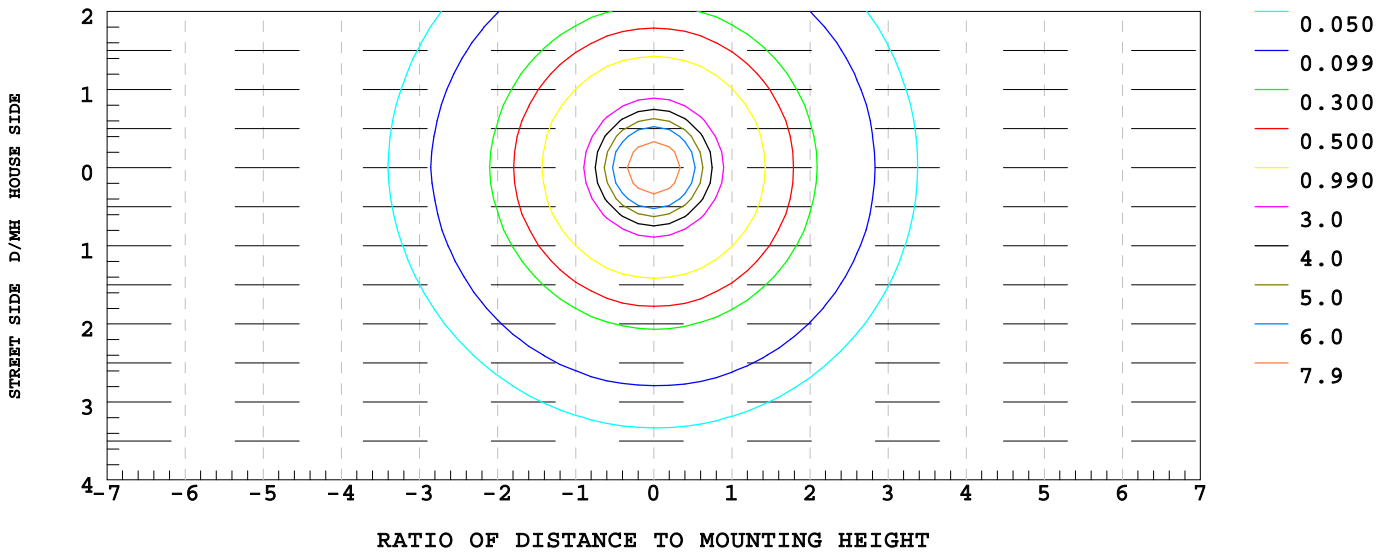
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706

ILLUMINANCE AT MH=10 m, Enadir = 9.93 lx



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

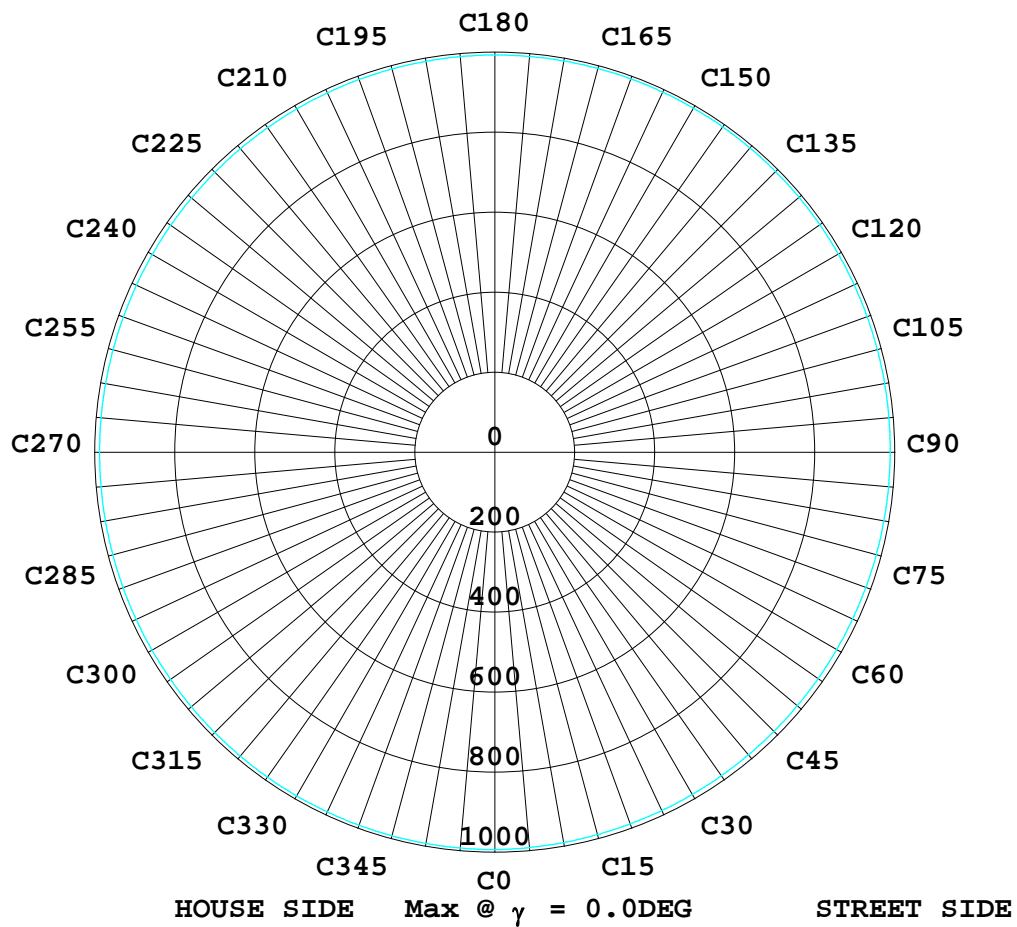
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706



Test System:HOPOO 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: mbp	TYPE: 036	WEIGHT:
SPECIFICATION:	DIMENSION: 40*40	SERIAL No.: LA/YE6L-990706

UNIT: cd

γ (DEG)	C (DEG)			
	0	90	180	270
0.0	993	988	993	988
5.0	988	985	989	984
10.0	975	972	977	971
15.0	955	952	955	949
20.0	926	923	927	919
25.0	889	885	888	882
30.0	845	841	843	836
35.0	792	788	792	785
40.0	733	729	732	726
45.0	669	663	666	660
50.0	598	590	597	591
55.0	523	512	521	515
60.0	446	431	440	435
65.0	365	347	360	354
70.0	284	263	276	272
75.0	202	183	193	192
80.0	123	108	116	119
85.0	58.8	43.7	49.9	55.3
90.0	7.34	2.70	7.55	8.85

Test System:HOPOO 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: