

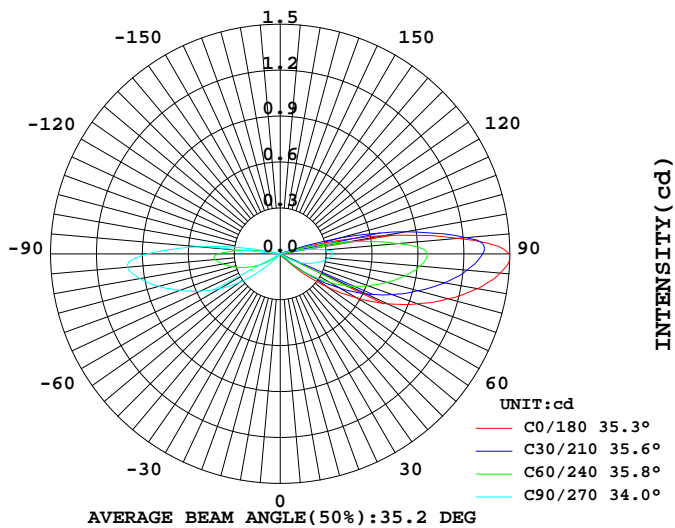
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

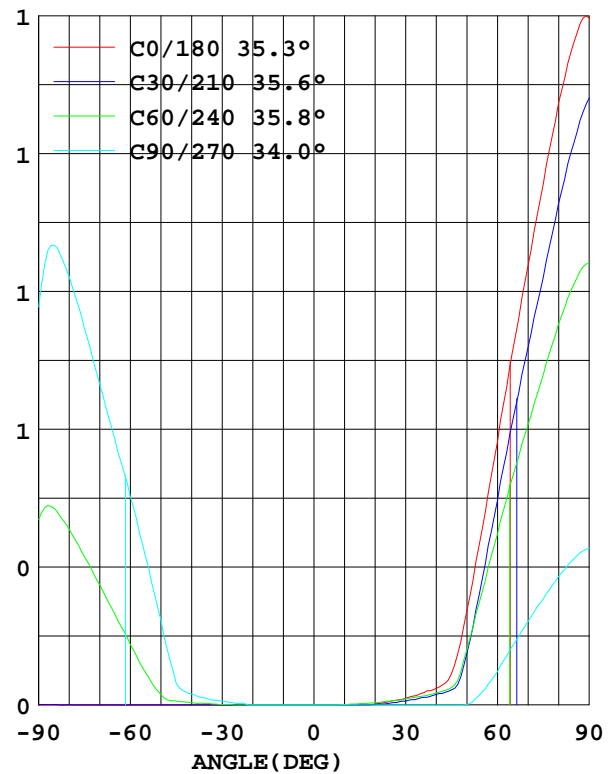
MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	1.471	S/MH(C0/180)	0.00
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.00
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	2.4	Voltage(V)	12.01
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	0.7	Current(A)	0.361
NOMINAL FLUX(lm)	2.4	η up(%)	25.8	Power(W)	3.270
LAMPS QUANTITY	1	η down(%)	74.2	Power Factor(PF)	0.752
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	2.4	EEI	2.222

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPPO HP880D
Temperature: 25.3 DEG
Operators:
Test Date: 11-02-2023

Test Set: 10.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 1.000 m
Remarks:

Color Temperature Data List

Report number:

MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

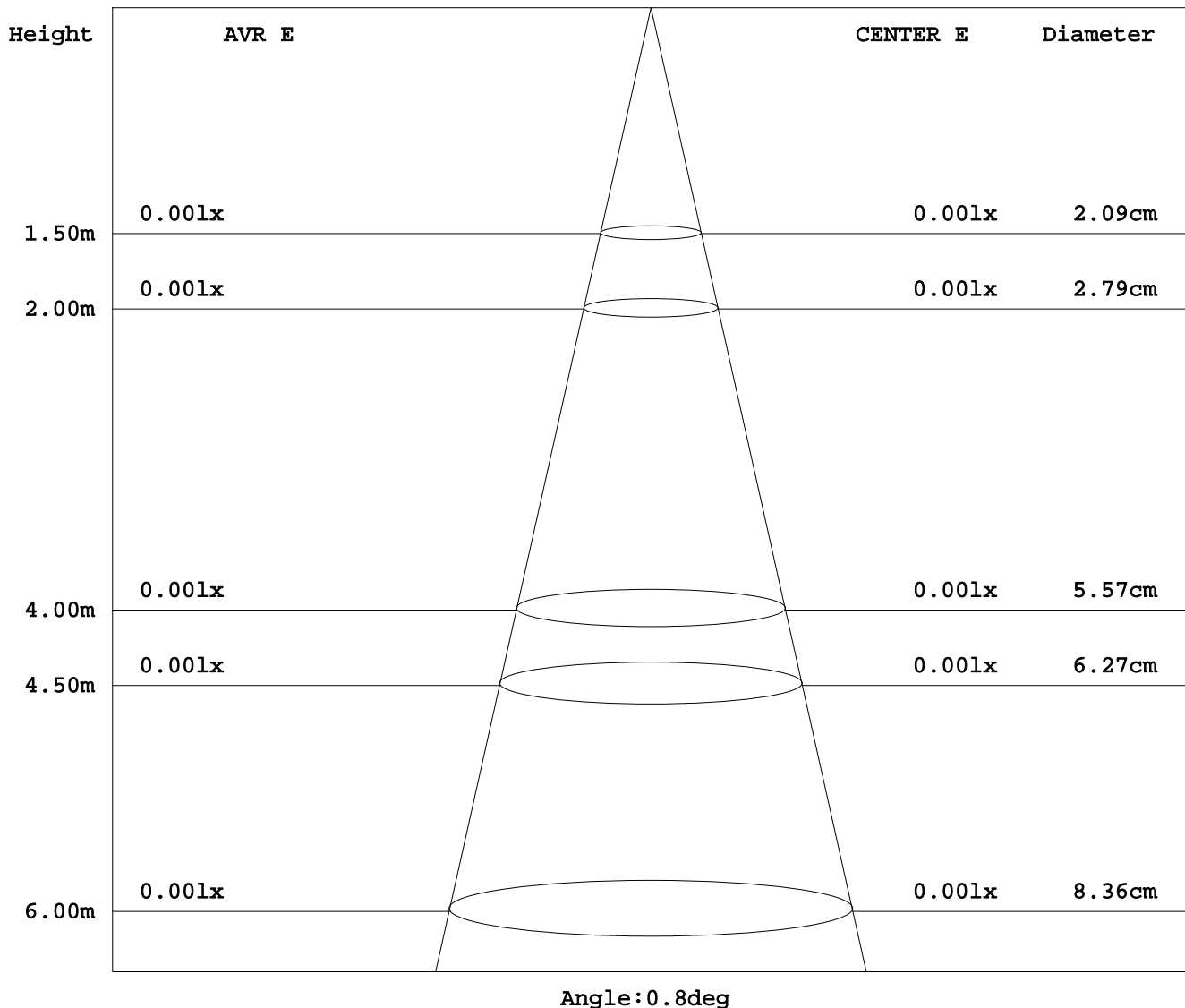
Test System:HOPOO HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System: HOPOO HP880D
Temperature: 25.3DEG
Operators:
Test Date: 11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 1.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	0	0	0	0	0	0	0	0	0- 5	0	0
10.0	0	0	0	0	0	0.001	0	0	5- 10	0.000	0.000
15.0	0	0	0	0	0	0.002	0	0	10- 15	0.000	0.000
20.0	0	0	0	0.002	0.002	0.003	0	0	15- 20	0.000	0.000
25.0	0	0	0.003	0.007	0.008	0.006	0	0	20- 25	0.000	0.001
30.0	0	0.001	0.008	0.010	0.014	0.011	0	0	25- 30	0.001	0.002
35.0	0	0.002	0.014	0.022	0.024	0.016	0	0	30- 35	0.002	0.004
40.0	0	0.002	0.023	0.033	0.035	0.023	0	0	35- 40	0.004	0.008
45.0	0	0.004	0.045	0.082	0.067	0.035	0	0	40- 45	0.007	0.015
50.0	0	0.011	0.179	0.233	0.198	0.112	0.001	0	45- 50	0.023	0.038
55.0	0	0.034	0.313	0.409	0.371	0.252	0.028	0	50- 55	0.058	0.096
60.0	0	0.064	0.439	0.590	0.555	0.396	0.070	0	55- 60	0.102	0.197
65.0	0	0.095	0.560	0.772	0.749	0.541	0.125	0	60- 65	0.151	0.348
70.0	0	0.126	0.677	0.943	0.926	0.673	0.176	0	65- 70	0.201	0.549
75.0	0	0.156	0.794	1.108	1.100	0.800	0.224	0	70- 75	0.251	0.800
80.0	0	0.186	0.903	1.265	1.270	0.931	0.271	0	75- 80	0.301	1.100
85.0	0	0.208	0.970	1.379	1.398	1.037	0.308	0	80- 85	0.344	1.444
90.0	0	0.196	0.840	1.293	1.449	1.106	0.331	0	85- 90	0.365	1.809
95.0	0	0.126	0.518	0.865	1.128	0.964	0.288	0	90- 95	0.319	2.128
100.0	0	0.048	0.187	0.405	0.668	0.629	0.163	0	95-100	0.206	2.333
105.0	0	0.007	0.004	0.049	0.212	0.267	0.038	0	100-105	0.086	2.420
110.0	0	0.001	0	0.002	0	0.026	0	0	105-110	0.016	2.436
115.0	0	0	0	0.001	0	0.006	0	0	110-115	0.001	2.437
120.0	0	0	0	0	0	0.002	0	0	115-120	0.000	2.437
125.0	0	0	0	0	0	0	0	0	120-125	0.000	2.437
130.0	0	0	0	0	0	0	0	0	125-130	0	2.437
135.0	0	0	0	0	0	0	0	0	130-135	0	2.437
140.0	0	0	0	0	0	0	0	0	135-140	0	2.437
145.0	0	0	0	0	0	0	0	0	140-145	0	2.437
150.0	0	0	0	0	0	0	0	0	145-150	0	2.437
155.0	0	0	0	0	0	0	0	0	150-155	0	2.437
160.0	0	0	0	0	0	0	0	0	155-160	0	2.437
165.0	0	0	0	0	0	0	0	0	160-165	0	2.437
170.0	0	0	0	0	0	0	0	0	165-170	0	2.437
175.0	0	0	0	0	0	0	0	0	170-175	0	2.437
180.0	0	0	0	0	0	0	0	0	175-180	0	2.437
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

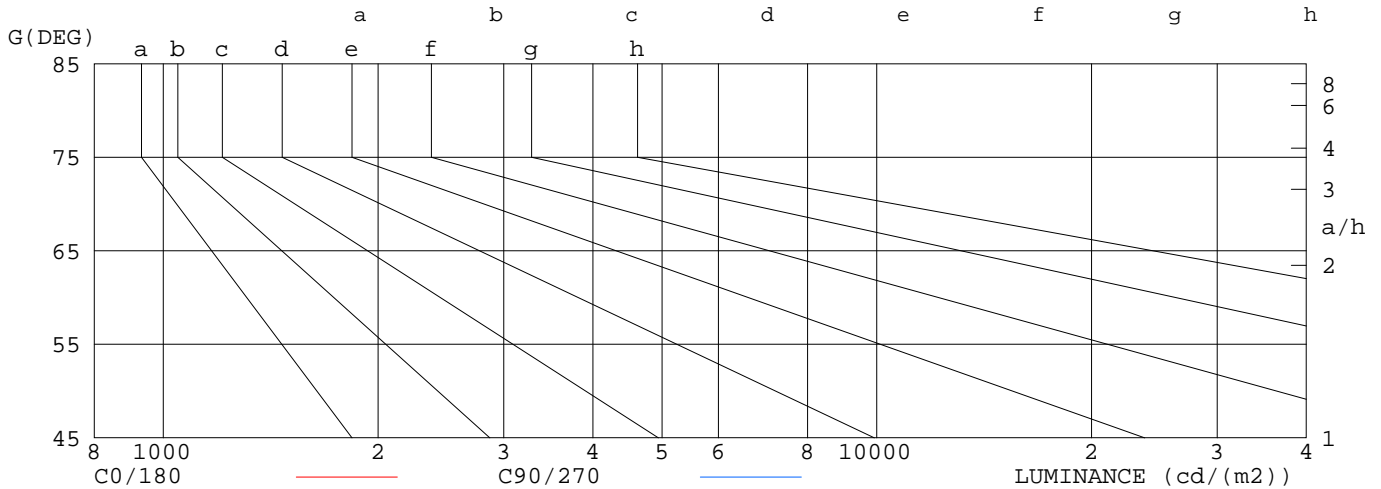
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	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	0	111
80	0	52
75	0	31
70	0	20
65	0	13
60	0	9
55	0	5
50	0	3
45	0	1

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

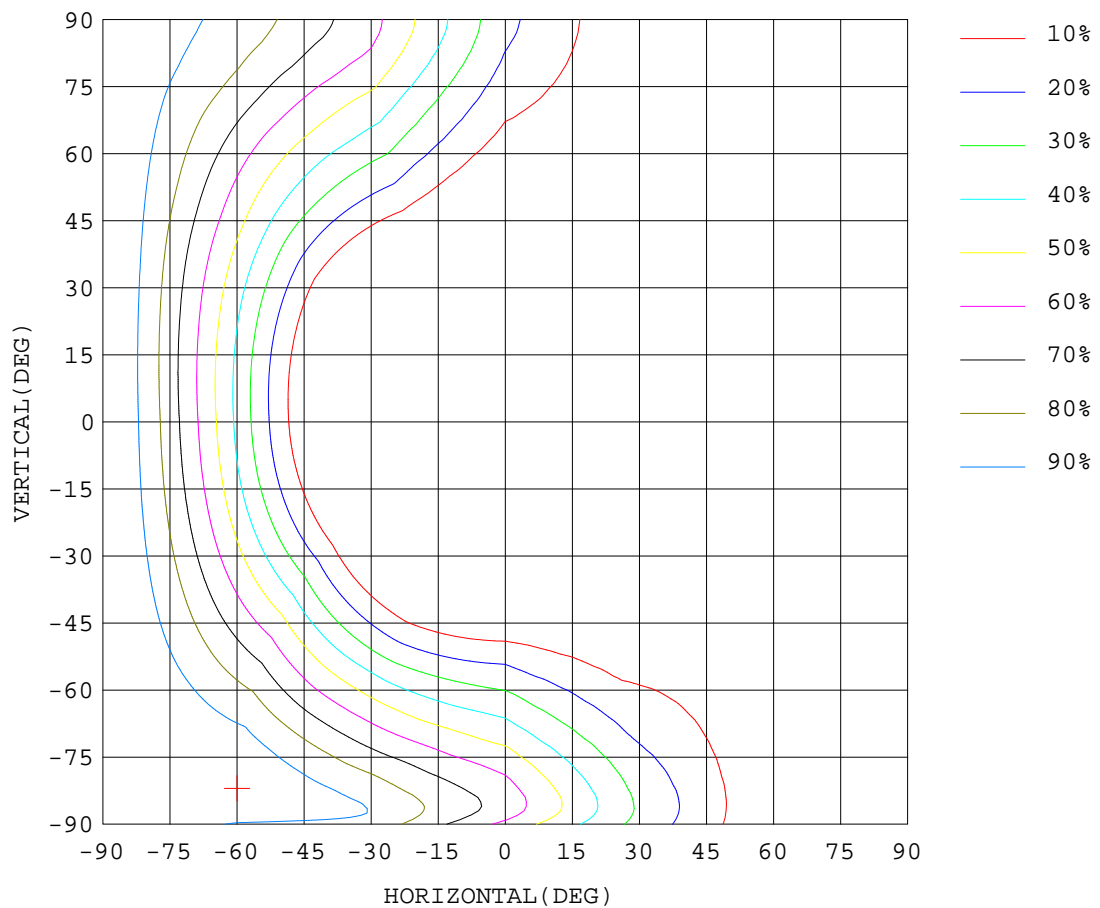
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

UNIT: cd

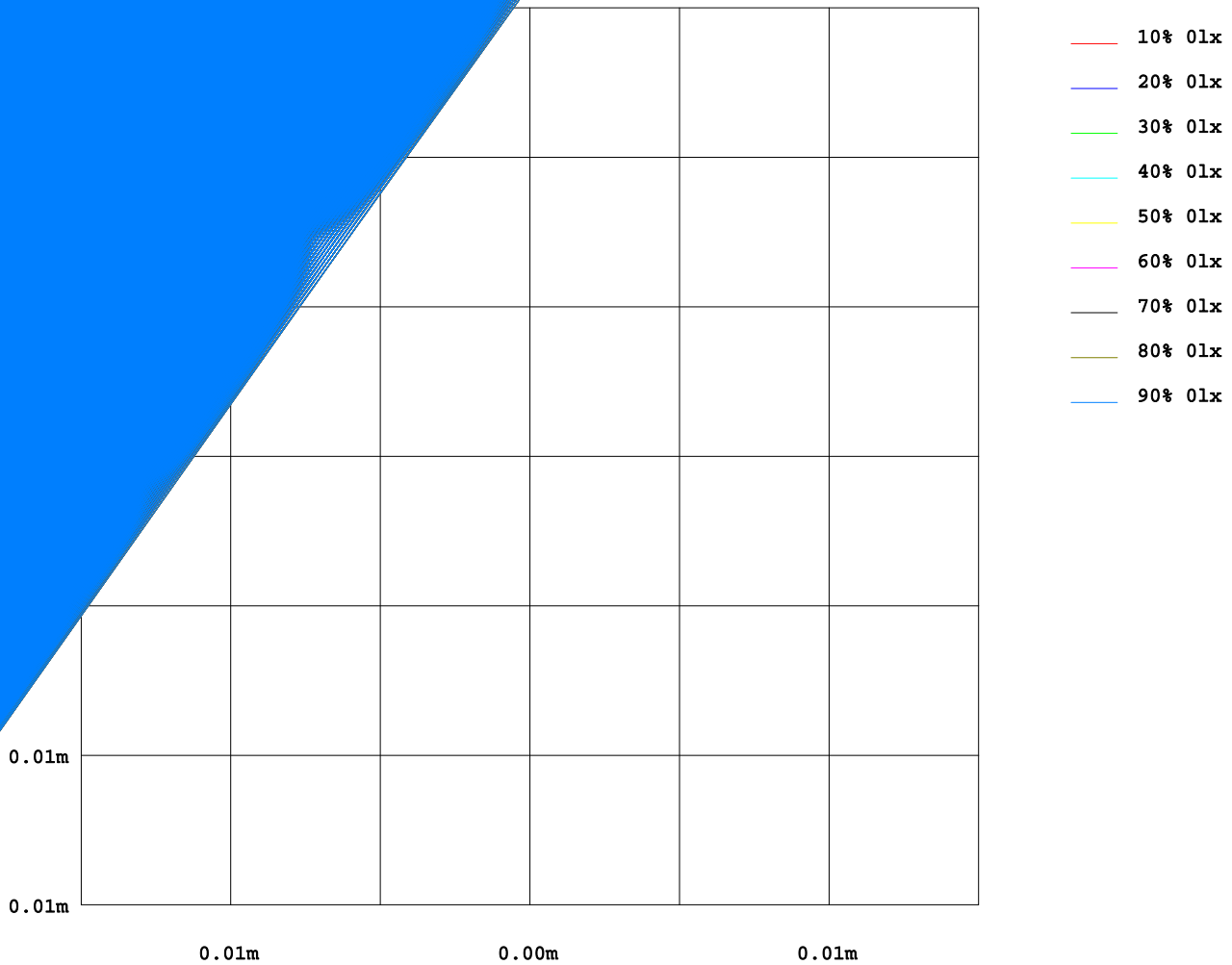


Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Report number:

M	
TYPE:	WEIGHT:
DIMENSION:	SERIAL No.:



Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																			
Address:																			
NAME:										TYPE:					WEIGHT:				
SPECIFICATION:					CCT(K): 0					DIMENSION:					SERIAL No.:				

90	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.00	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16		
80	0.00	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.13		
70	0.00	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.10		
60	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
50	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05		
40	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04		
30	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03		
	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03		
	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03		
	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03		
	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03		
	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03		
-30	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04		
-40	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05		
-50	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07		
-60	0.00	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.13		
-70	0.00	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.19		
-80	0.00	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.25	0.25		
-90	0.00	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.29	0.29		
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																						
Φ t	0.07	0.17	0.24	0.25	0.22	0.20	0.17	0.14	0.12	0.09	0.06	0.04	0.02	0.01	0.00	0.00	0.00	0.00	2			
Φ a	0.07	0.17	0.24	0.25	0.22	0.19	0.17	0.14	0.11	0.08	0.05	0.03	0.02	0.01	0.00	0.00	0.00	0.00		2		

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

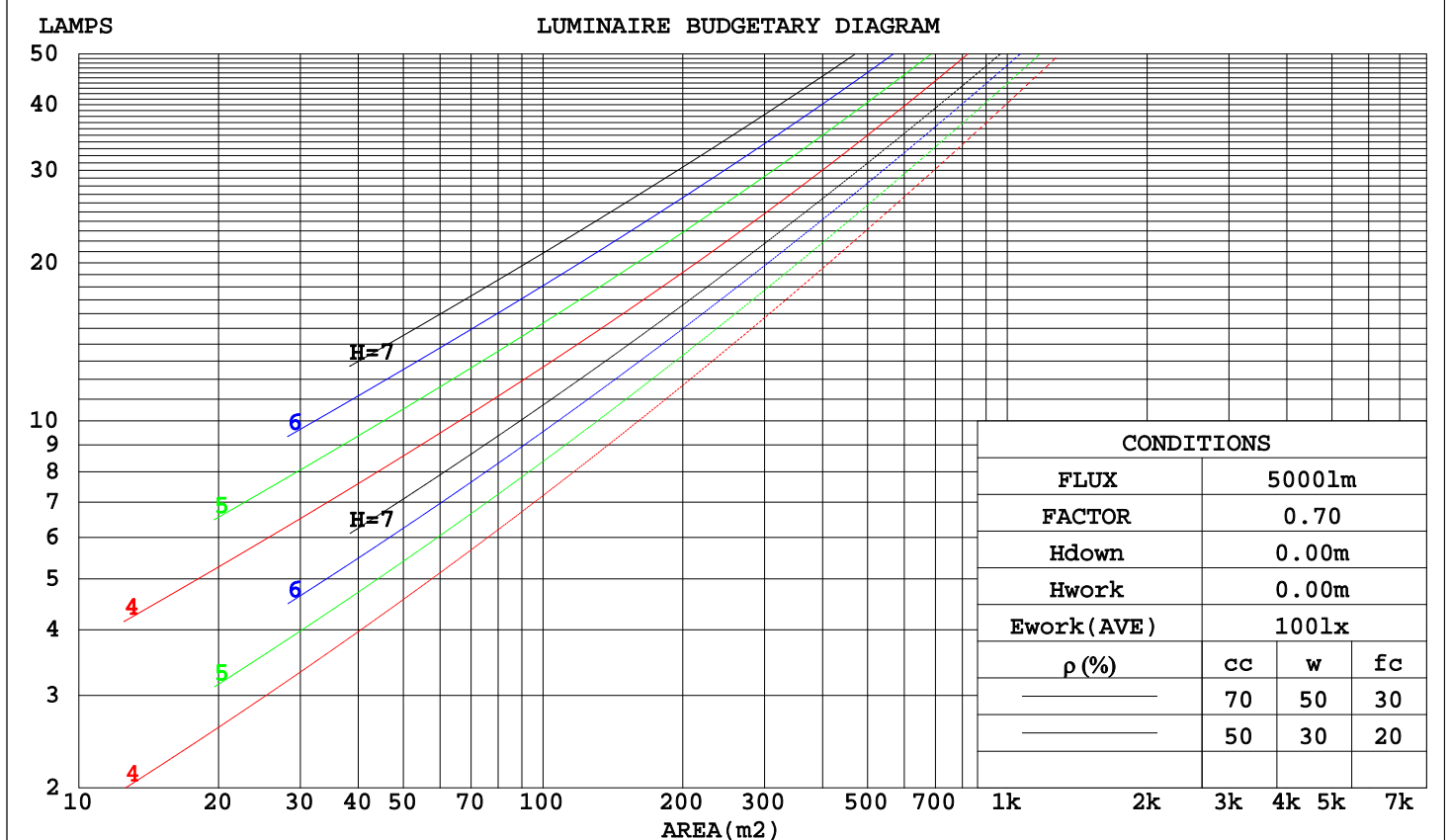
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address:															
NAME:								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 0				DIMENSION:				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						Coefficients of Utilization(CU)									
0.0	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.78	.78	.78	.74
1.0	.78	.69	.60	.73	.64	.56	.63	.56	.50	.55	.49	.43	.47	.42	.37	.33
2.0	.61	.49	.39	.57	.46	.37	.49	.40	.32	.41	.33	.27	.34	.28	.22	.18
3.0	.50	.38	.28	.47	.35	.26	.40	.30	.22	.33	.25	.18	.27	.20	.14	.10
4.0	.43	.30	.21	.40	.28	.19	.33	.24	.16	.28	.20	.13	.22	.16	.10	.06
5.0	.37	.25	.16	.34	.23	.15	.29	.20	.12	.24	.16	.10	.19	.13	.07	.04
6.0	.33	.21	.13	.30	.20	.12	.26	.17	.10	.21	.14	.08	.17	.11	.06	.02
7.0	.29	.19	.11	.27	.17	.10	.23	.14	.08	.19	.12	.06	.16	.09	.04	.02
8.0	.26	.16	.09	.25	.15	.09	.21	.13	.07	.18	.10	.05	.14	.08	.04	.01
9.0	.24	.15	.08	.22	.13	.07	.19	.11	.06	.16	.09	.05	.13	.07	.03	.01
10.0	.22	.13	.07	.21	.12	.06	.18	.10	.05	.15	.09	.04	.13	.07	.03	.01



Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER:															
Address:															
NAME:								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 0				DIMENSION:				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	.685	.390	.123	.670	.382	.121	.640	.367	.117	.612	.353	.113	.587	.340	.110															
2.0	.511	.280	.086	.497	.274	.084	.469	.261	.081	.444	.249	.078	.421	.238	.075															
3.0	.415	.221	.066	.402	.215	.065	.377	.204	.062	.354	.194	.060	.333	.184	.057															
4.0	.351	.182	.054	.339	.177	.052	.317	.168	.050	.296	.159	.048	.276	.150	.046															
5.0	.305	.155	.045	.294	.151	.044	.273	.142	.042	.255	.134	.040	.237	.127	.038															
6.0	.269	.135	.039	.260	.131	.038	.241	.124	.036	.224	.116	.034	.208	.109	.032															
7.0	.242	.120	.034	.233	.116	.033	.216	.109	.031	.200	.103	.030	.185	.096	.028															
8.0	.219	.107	.030	.211	.104	.029	.196	.098	.028	.181	.092	.026	.167	.086	.025															
9.0	.201	.097	.027	.193	.094	.026	.179	.088	.025	.165	.083	.024	.153	.078	.022															
10.0	.185	.089	.025	.178	.086	.024	.165	.081	.023	.152	.076	.022	.141	.071	.020															

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	.387	.387	.387	.331	.331	.331	.226	.226	.226	.130	.130	.130	.041	.041	.041	
1.0	.404	.351	.303	.346	.301	.261	.237	.207	.180	.136	.120	.105	.044	.039	.034	
2.0	.401	.330	.271	.343	.284	.234	.235	.197	.163	.136	.114	.096	.044	.037	.031	
3.0	.393	.316	.254	.337	.272	.220	.231	.189	.155	.134	.111	.091	.043	.036	.030	
4.0	.383	.305	.245	.329	.263	.212	.226	.183	.150	.131	.107	.088	.042	.035	.029	
5.0	.373	.296	.238	.321	.256	.207	.221	.179	.146	.128	.105	.087	.041	.034	.029	
6.0	.364	.288	.234	.313	.250	.204	.216	.175	.144	.125	.103	.086	.040	.034	.028	
7.0	.355	.282	.230	.305	.244	.201	.211	.171	.142	.123	.101	.085	.040	.033	.028	
8.0	.346	.276	.228	.298	.240	.199	.206	.168	.141	.120	.099	.084	.039	.033	.028	
9.0	.339	.271	.226	.292	.236	.197	.202	.166	.140	.118	.098	.083	.038	.032	.028	
10.0	.332	.267	.224	.286	.232	.196	.198	.163	.139	.116	.096	.083	.037	.032	.028	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR Table

Report number:

MANUFACTURER:											
Address:											
NAME:						TYPE:		WEIGHT:			
SPECIFICATION:		CCT(K): 0				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	-37.0	-35.3	-36.3	-34.6	-33.8	-7.9	-6.3	-7.3	-5.6	-4.8
	3H	-37.3	-35.8	-36.6	-35.1	-34.2	-1.2	0.4	-0.5	1.1	1.9
	4H	-37.5	-36.0	-36.8	-35.3	-34.4	2.2	3.7	2.9	4.4	5.3
	6H	-37.6	-36.2	-36.9	-35.5	-34.6	5.7	7.1	6.3	7.8	8.7
	8H	-37.7	-36.3	-37.0	-35.6	-34.7	7.4	8.8	8.1	9.6	10.5
	12H	-37.8	-36.4	-37.1	-35.7	-34.8	9.4	10.7	10.1	11.5	12.4
4H	2H	-17.3	-15.8	-16.6	-15.1	-14.2	-8.0	-6.6	-7.4	-5.8	-5.0
	3H	-16.9	-15.5	-16.2	-14.8	-13.9	-1.1	0.3	-0.4	1.0	2.0
	4H	-17.1	-15.8	-16.3	-15.0	-14.1	2.6	3.8	3.3	4.6	5.5
	6H	-17.2	-16.1	-16.5	-15.3	-14.3	6.4	7.5	7.1	8.3	9.3
	8H	-17.3	-16.2	-16.6	-15.4	-14.5	8.3	9.5	9.1	10.3	11.2
	12H	-17.4	-16.4	-16.7	-15.5	-14.6	10.5	11.6	11.3	12.4	13.3
8H	4H	-8.0	-6.8	-7.2	-6.0	-5.1	2.5	3.6	3.3	4.4	5.4
	6H	-7.8	-6.8	-7.0	-6.0	-5.0	6.6	7.6	7.3	8.4	9.4
	8H	-7.9	-6.9	-7.1	-6.1	-5.1	8.8	9.7	9.6	10.5	11.5
	12H	-7.9	-7.1	-7.1	-6.3	-5.3	11.3	12.1	12.1	12.9	14.0
12H	4H	-5.1	-4.0	-4.3	-3.2	-2.3	2.4	3.5	3.2	4.3	5.3
	6H	-4.2	-3.3	-3.4	-2.5	-1.5	6.5	7.5	7.3	8.3	9.3
	8H	-4.1	-3.2	-3.3	-2.4	-1.4	8.8	9.7	9.6	10.5	11.5
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.1					+ 0.3 / - 0.3				
2.0H		+ 0.6 / - 0.5					+ 0.5 / - 0.5				

CIE Pub.117 Corrected 2.437 lm Total Lamp Luminous Flux.(8log(F/F0) = -20.9)

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:										
Address:										
NAME:					TYPE:			WEIGHT:		
SPECIFICATION:			CCT(K): 0		DIMENSION:			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) $k(RI) \times RCR = 5$									
$k = 0.60$	32	17	9	31	17	9	29	16	8	1
0.80	39	22	12	37	21	11	34	20	11	2
1.00	44	26	15	42	25	14	38	27	13	3
1.25	50	31	19	47	30	18	43	28	17	5
1.50	55	36	23	52	35	22	47	32	21	8
2.00	63	45	31	59	43	30	53	39	28	13
2.50	69	51	38	65	49	36	58	44	34	18
3.00	73	57	44	69	54	42	61	49	38	22
4.00	80	65	53	75	62	51	67	56	46	29
5.00	84	71	60	80	68	57	71	61	52	34
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004					Suspended			SHRNOM = 1.25		

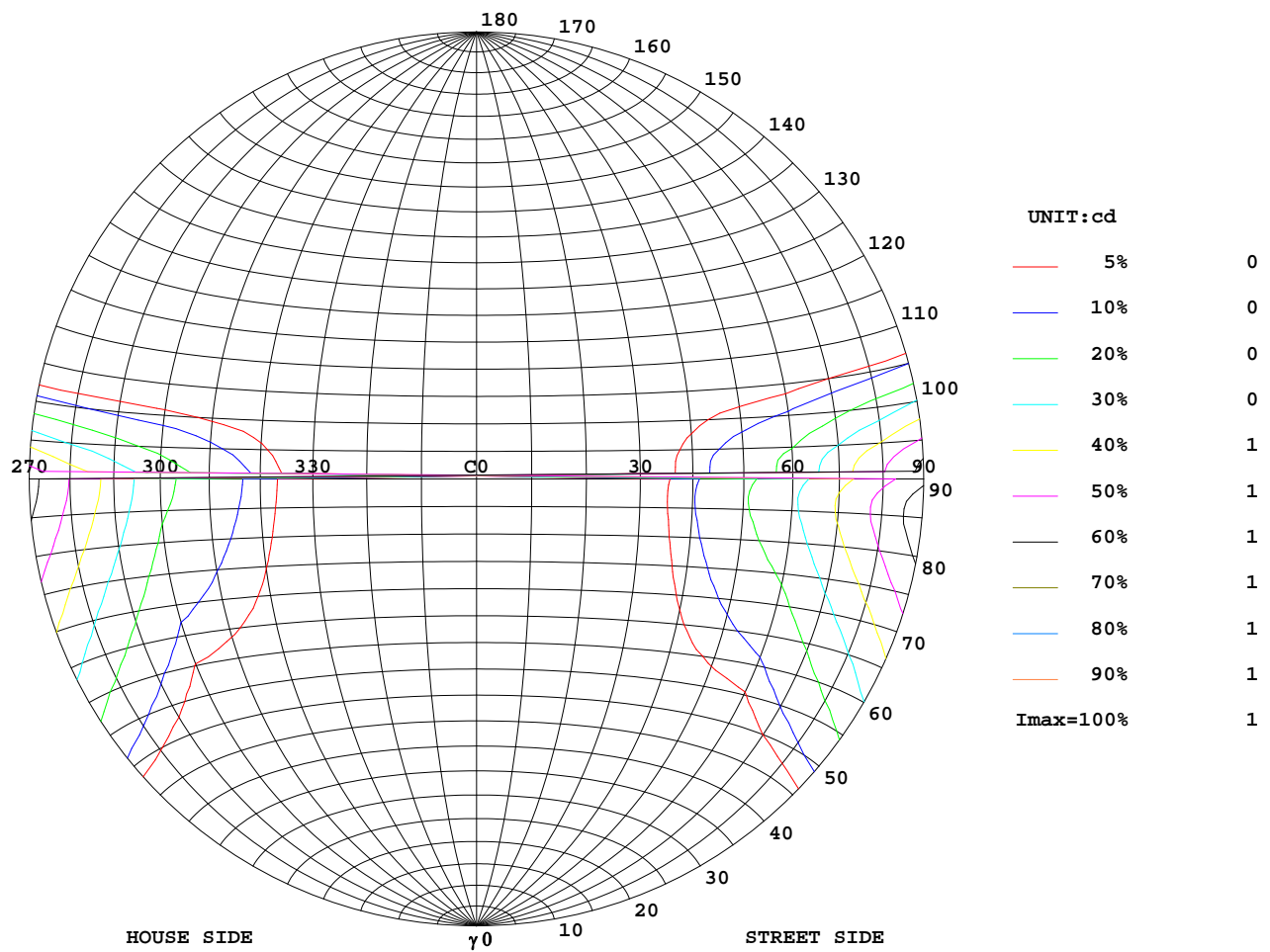
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

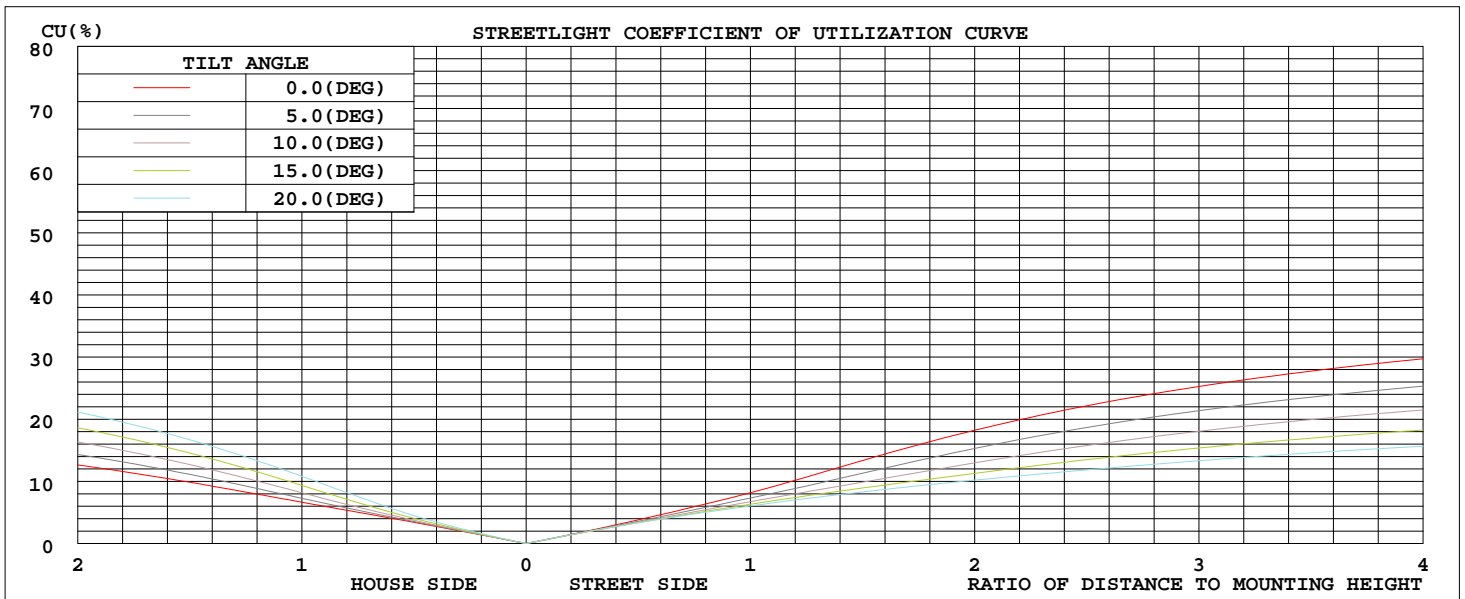
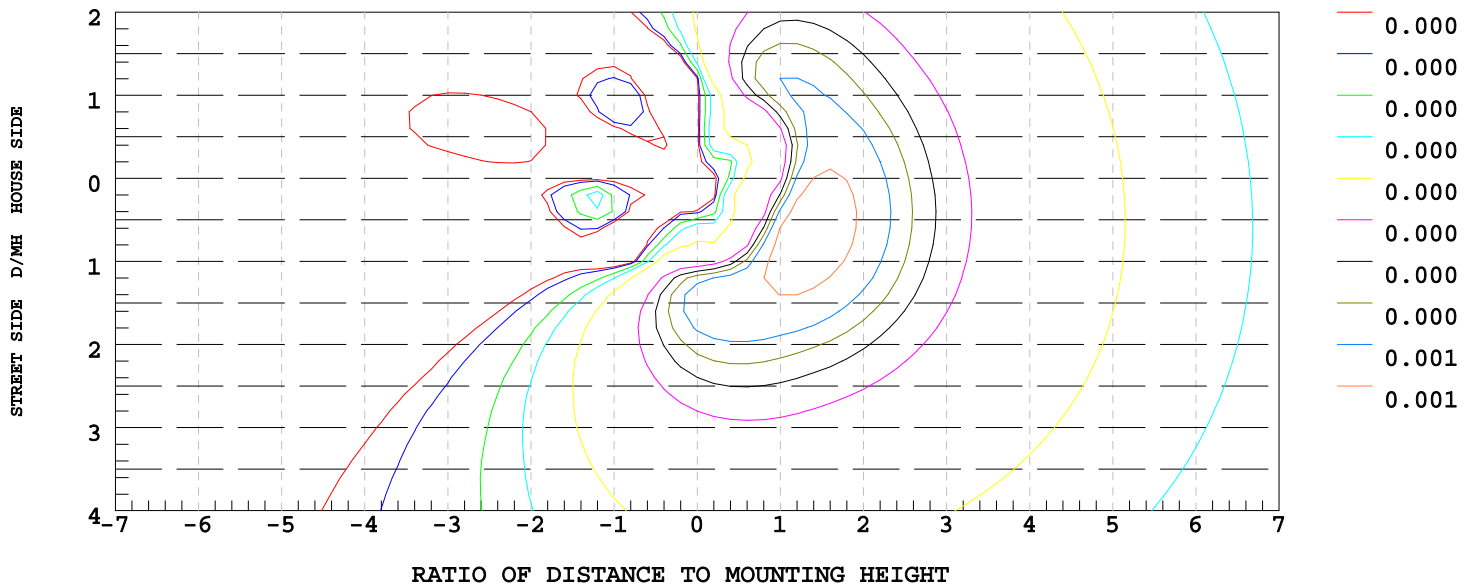
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 0.00 lx



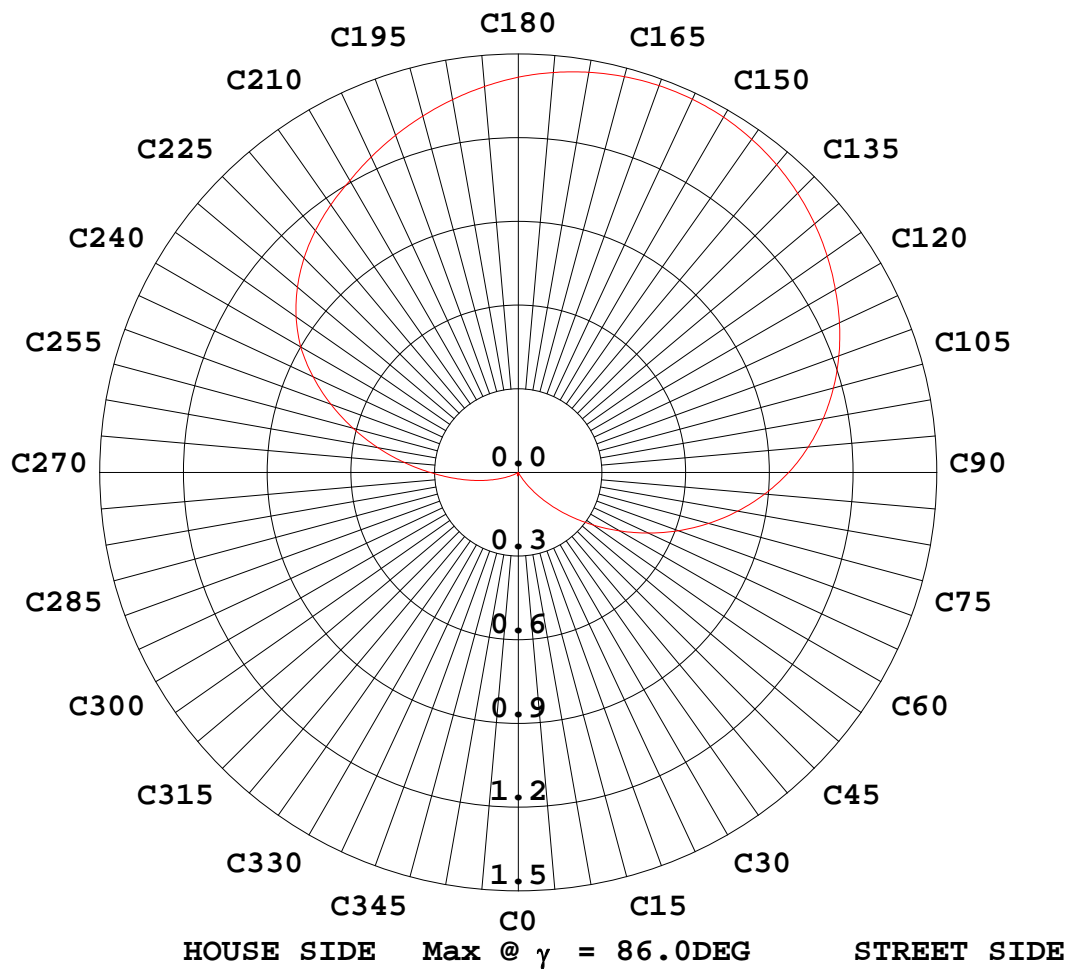
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG)												
γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.0	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.01	0.00	0.02	0.01	0.01	0.01	0.00	0.00	0.00
35.0	0.00	0.00	0.00	0.01	0.01	0.03	0.02	0.01	0.02	0.00	0.00	0.00
40.0	0.00	0.00	0.00	0.02	0.02	0.04	0.04	0.02	0.03	0.00	0.00	0.00
45.0	0.00	0.00	0.01	0.05	0.06	0.11	0.07	0.03	0.04	0.00	0.00	0.00
50.0	0.00	0.00	0.02	0.18	0.18	0.28	0.20	0.11	0.12	0.00	0.00	0.00
55.0	0.00	0.00	0.07	0.31	0.35	0.47	0.37	0.26	0.24	0.03	0.00	0.00
60.0	0.00	0.00	0.13	0.44	0.52	0.66	0.56	0.43	0.36	0.07	0.00	0.00
65.0	0.00	0.00	0.19	0.56	0.69	0.85	0.75	0.60	0.48	0.13	0.00	0.00
70.0	0.00	0.00	0.25	0.68	0.86	1.03	0.93	0.75	0.59	0.18	0.00	0.00
75.0	0.00	0.00	0.31	0.79	1.01	1.20	1.10	0.90	0.70	0.22	0.00	0.00
80.0	0.00	0.00	0.37	0.90	1.16	1.36	1.27	1.05	0.80	0.27	0.00	0.00
85.0	0.00	0.00	0.41	0.97	1.29	1.46	1.39	1.18	0.89	0.31	0.00	0.00
90.0	0.00	0.00	0.39	0.84	1.27	1.31	1.44	1.28	0.93	0.33	0.00	0.00
95.0	0.00	0.00	0.25	0.52	0.90	0.83	1.12	1.18	0.75	0.29	0.00	0.00
100.0	0.00	0.00	0.10	0.19	0.47	0.34	0.67	0.81	0.45	0.16	0.00	0.00
105.0	0.00	0.00	0.01	0.00	0.08	0.02	0.21	0.39	0.14	0.04	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks: