

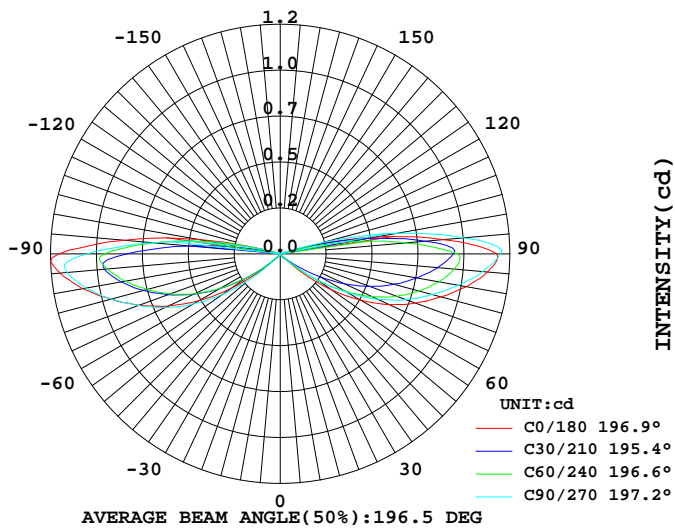
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

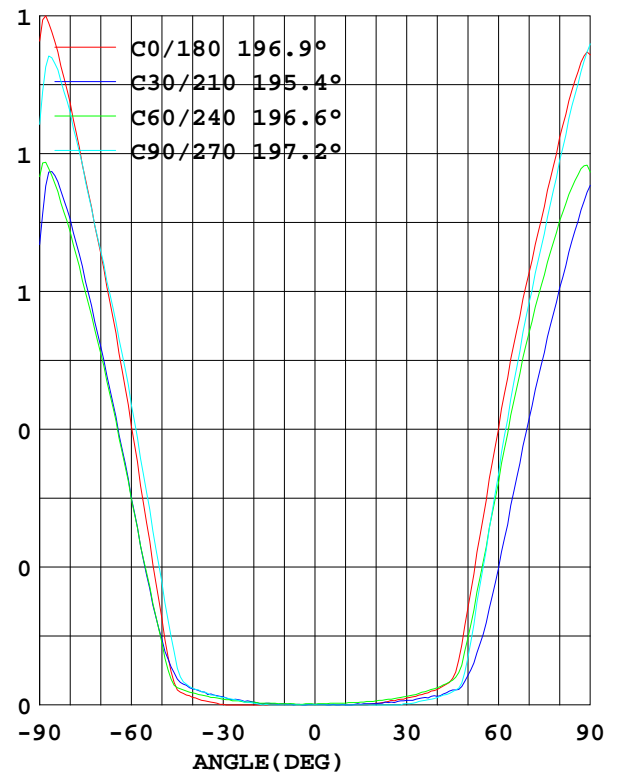
MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	1.199	S/MH(C0/180)	0.00
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.00
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	3.5	Voltage(V)	12.00
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	1.1	Current(A)	0.361
NOMINAL FLUX(lm)	3.5	η up(%)	25.5	Power(W)	3.250
LAMPS QUANTITY	1	η down(%)	74.5	Power Factor(PF)	0.748
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	3.5	EEI	1.801

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:

Color Temperature Data List

Report number:

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

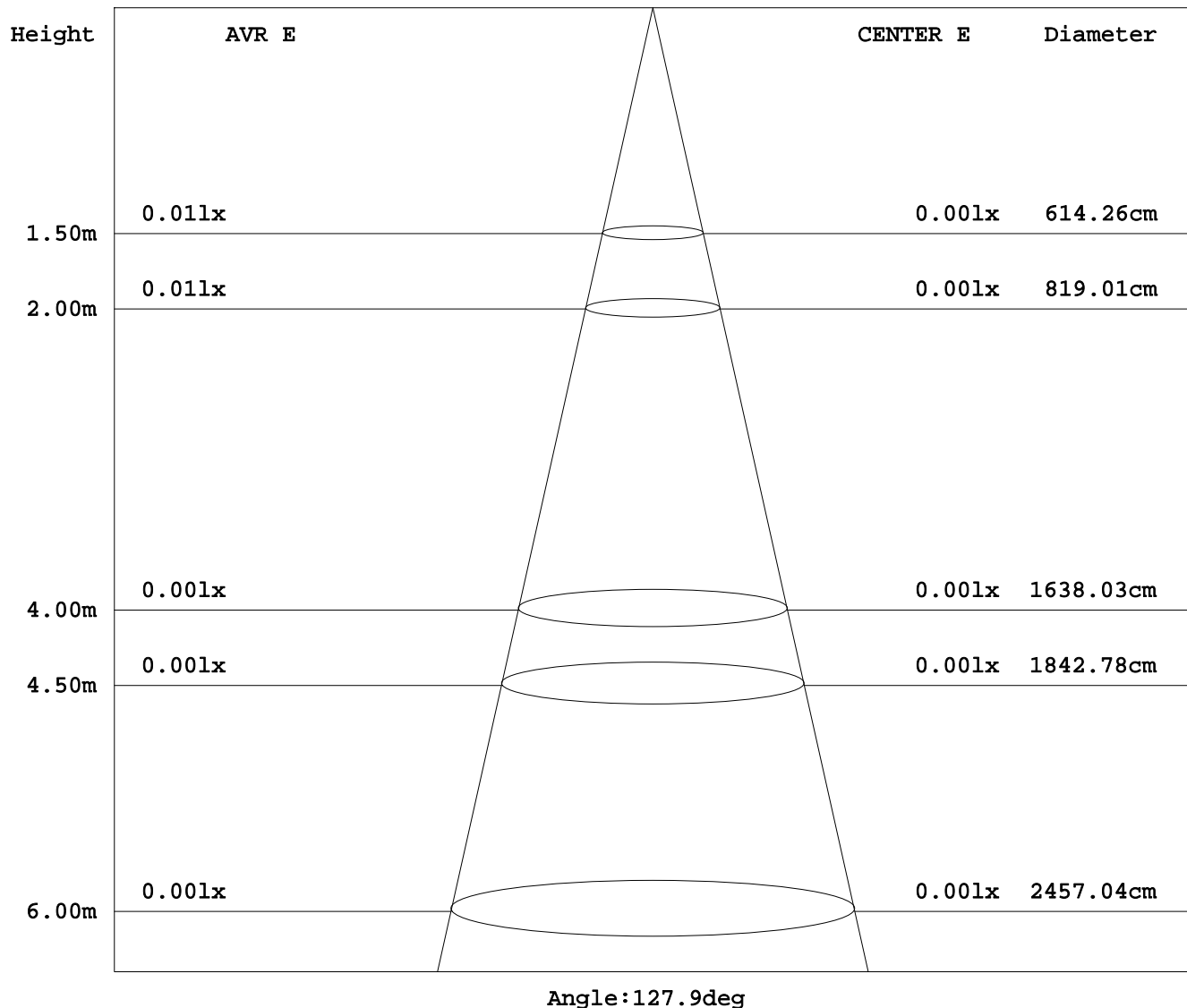
Test System:HOPOO HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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: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

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	0.001	0	0	0	0.002	0	0	0- 5	0.000	0.000
10.0	0	0.002	0	0	0	0.002	0	0	5- 10	0.000	0.000
15.0	0	0.003	0	0.001	0	0.003	0	0	10- 15	0.000	0.000
20.0	0	0.005	0.003	0.003	0.003	0.005	0	0.001	15- 20	0.000	0.000
25.0	0	0.008	0.008	0.004	0.008	0.007	0	0.004	20- 25	0.001	0.001
30.0	0.001	0.012	0.013	0.008	0.012	0.012	0.002	0.007	25- 30	0.002	0.003
35.0	0.006	0.016	0.020	0.014	0.018	0.017	0.007	0.012	30- 35	0.003	0.006
40.0	0.013	0.025	0.029	0.021	0.027	0.022	0.013	0.019	35- 40	0.006	0.012
45.0	0.026	0.038	0.064	0.035	0.046	0.035	0.023	0.027	40- 45	0.010	0.022
50.0	0.150	0.111	0.213	0.117	0.168	0.083	0.082	0.073	45- 50	0.028	0.050
55.0	0.317	0.228	0.370	0.227	0.326	0.186	0.240	0.183	50- 55	0.077	0.127
60.0	0.485	0.359	0.522	0.353	0.479	0.312	0.400	0.310	55- 60	0.144	0.271
65.0	0.647	0.498	0.666	0.486	0.627	0.449	0.561	0.449	60- 65	0.220	0.491
70.0	0.785	0.617	0.789	0.604	0.751	0.572	0.699	0.574	65- 70	0.296	0.787
75.0	0.915	0.727	0.911	0.712	0.867	0.681	0.820	0.684	70- 75	0.368	1.155
80.0	1.047	0.834	1.031	0.817	0.987	0.784	0.947	0.790	75- 80	0.437	1.592
85.0	1.154	0.914	1.116	0.896	1.086	0.868	1.061	0.878	80- 85	0.499	2.091
90.0	1.155	0.860	1.010	0.857	1.131	0.915	1.150	0.926	85- 90	0.536	2.627
95.0	0.815	0.570	0.668	0.574	0.855	0.709	0.962	0.694	90- 95	0.464	3.091
100.0	0.435	0.261	0.302	0.266	0.514	0.416	0.625	0.395	95-100	0.295	3.386
105.0	0.079	0.047	0.020	0.030	0.149	0.120	0.242	0.112	100-105	0.120	3.506
110.0	0.014	0.009	0	0.004	0.004	0.015	0.032	0.012	105-110	0.019	3.525
115.0	0	0.003	0	0	0	0.003	0.006	0.002	110-115	0.003	3.528
120.0	0	0.002	0	0	0	0	0	0	115-120	0.000	3.528
125.0	0	0	0	0	0	0	0	0	120-125	0.000	3.528
130.0	0	0	0	0	0	0	0	0	125-130	0	3.528
135.0	0	0	0	0	0	0	0	0	130-135	0	3.528
140.0	0	0	0	0	0	0	0	0	135-140	0	3.528
145.0	0	0	0	0	0	0	0	0	140-145	0	3.528
150.0	0	0	0	0	0	0	0	0	145-150	0	3.528
155.0	0	0	0	0	0	0	0	0	150-155	0	3.528
160.0	0	0	0	0	0	0	0	0	155-160	0	3.528
165.0	0	0	0	0	0	0	0	0	160-165	0	3.528
170.0	0	0	0	0	0	0	0	0	165-170	0	3.528
175.0	0	0	0	0	0	0	0	0	170-175	0	3.528
180.0	0	0	0	0	0	0	0	0	175-180	0	3.528
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:

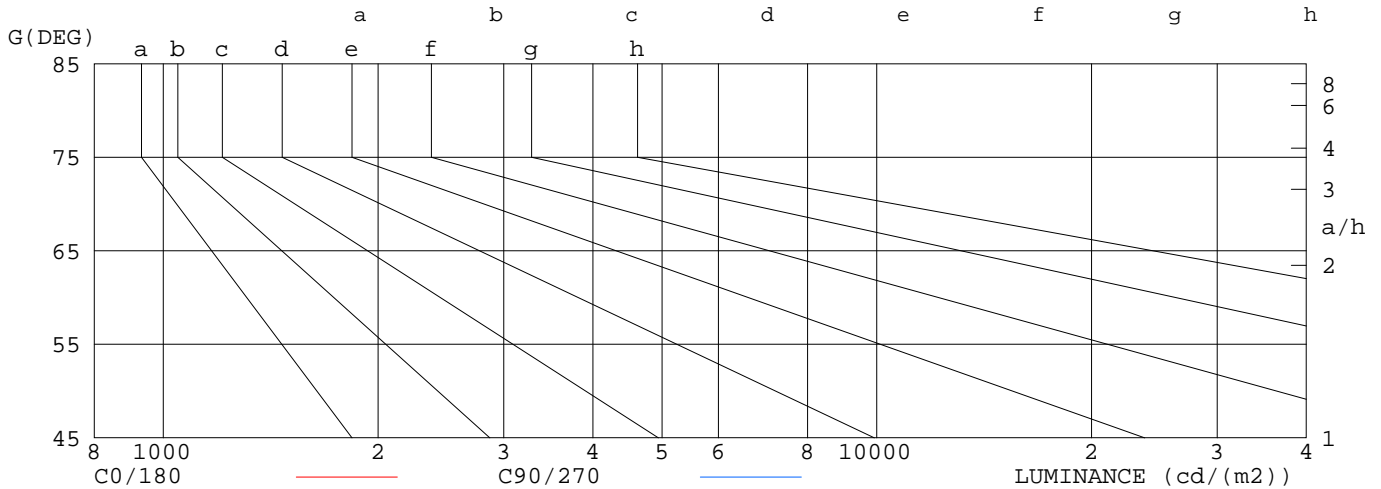
LUMINANCE LIMITATION CURVES

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	132	128
80	60	59
75	35	35
70	23	23
65	15	16
60	10	10
55	6	6
50	2	3
45	0	1

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

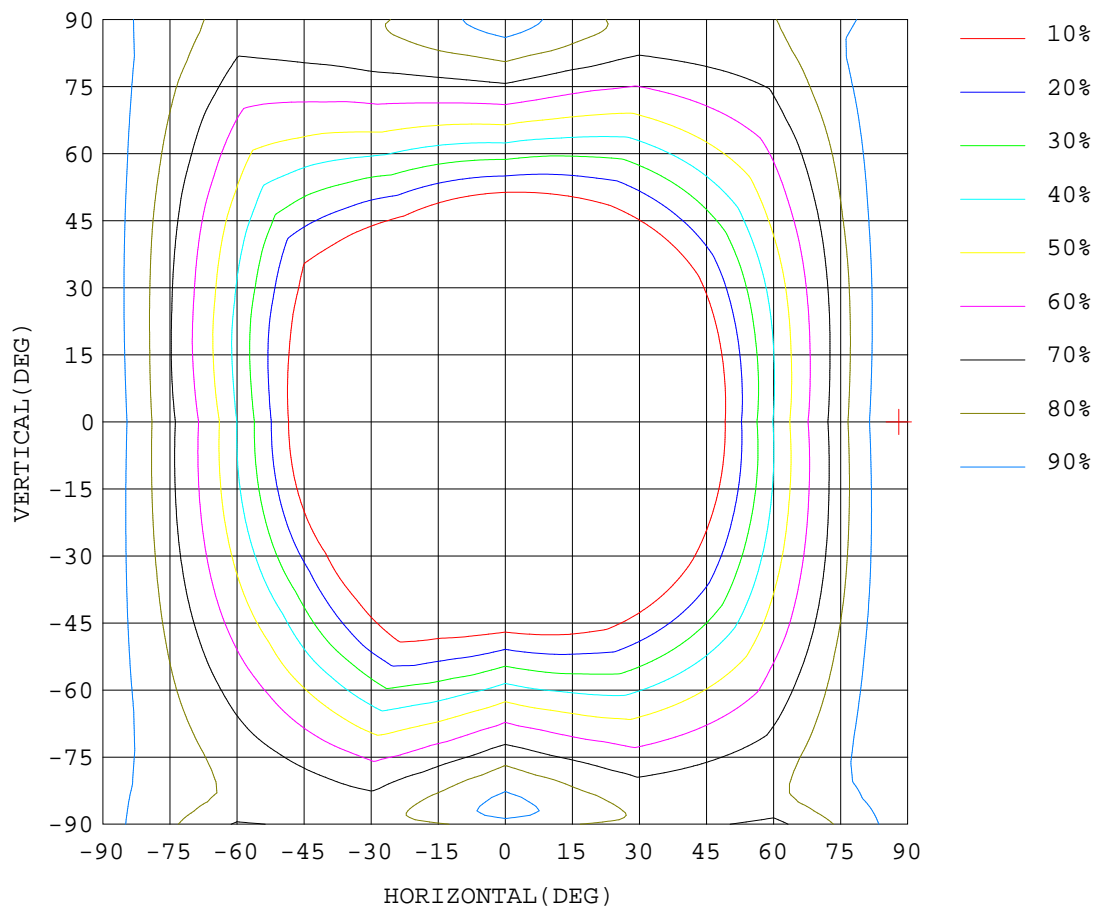
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



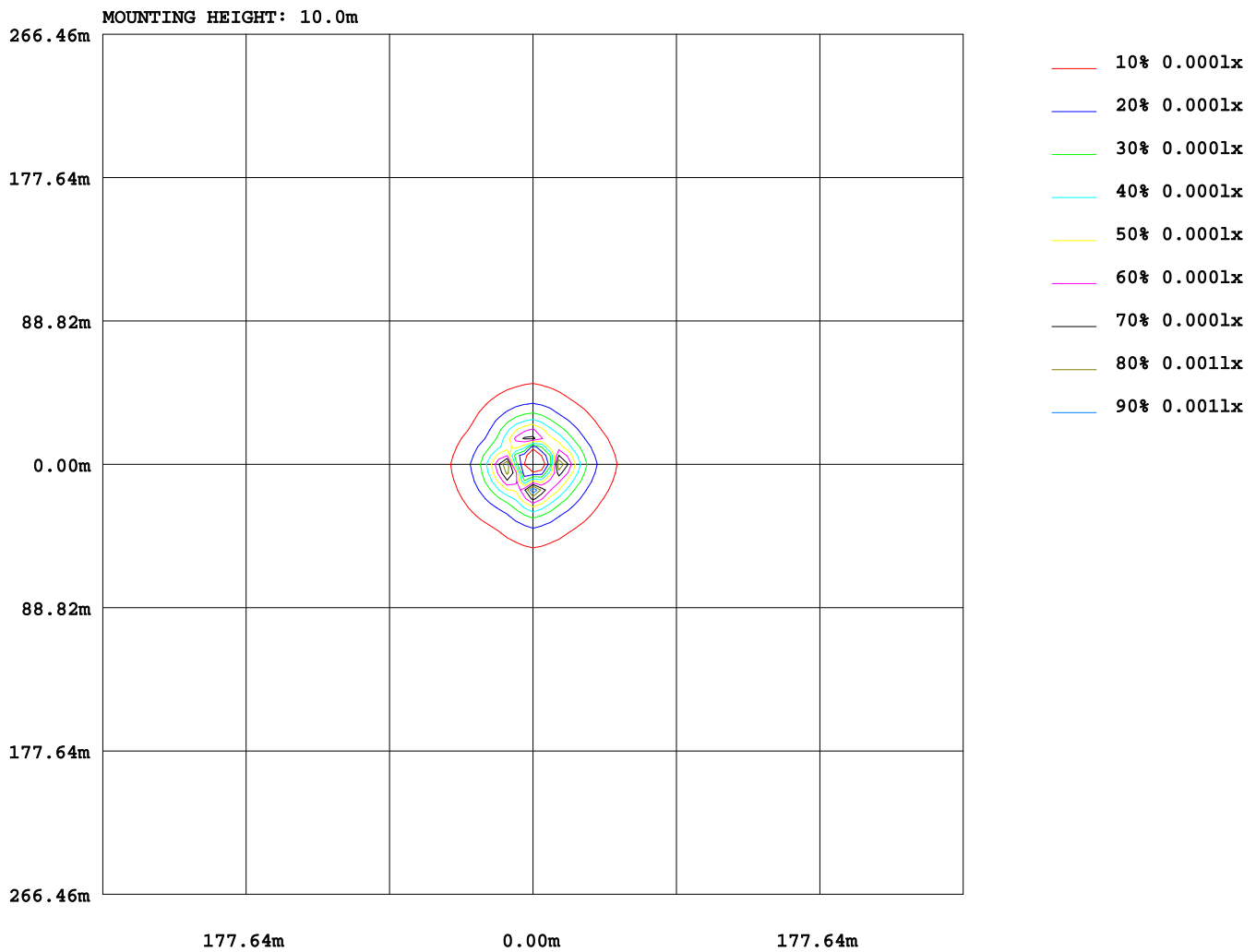
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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

ISOLUX 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

AREA LUMINOUS FLUX

Report number:

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

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.00	0.33	0.33
90	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.28	0.28
80	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.22	0.22
70	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.15	0.14
60	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	0.01	0.01	0.01	0.01	0.00	0.09	0.08
50	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	0.01	0.01	0.01	0.00	0.06	0.06
40	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	0.01	0.01	0.01	0.00	0.05	0.05
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	0.01	0.01	0.01	0.00	0.05	0.05
	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	0.01	0.01	0.01	0.00	0.05	0.05
	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	0.01	0.01	0.01	0.00	0.05	0.05
	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	0.01	0.01	0.01	0.00	0.05	0.05
-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	0.01	0.01	0.01	0.00	0.06	0.06
-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	0.01	0.01	0.01	0.00	0.07	0.07
-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	0.01	0.01	0.01	0.01	0.01	0.00	0.10	0.09
-60	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.16	0.16
-70	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.23	0.23
-80	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.00	0.29	0.29
-90	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.01	0.01	0.00	0.33	0.33
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90
Φ t	0.05	0.13	0.17	0.17	0.16	0.15	0.15	0.16	0.17	0.17	0.16	0.15	0.15	0.16	0.18	0.18	0.14	0.05	4	
Φ a	0.05	0.13	0.17	0.17	0.15	0.14	0.14	0.15	0.17	0.17	0.15	0.14	0.14	0.15	0.18	0.18	0.14	0.05		3

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

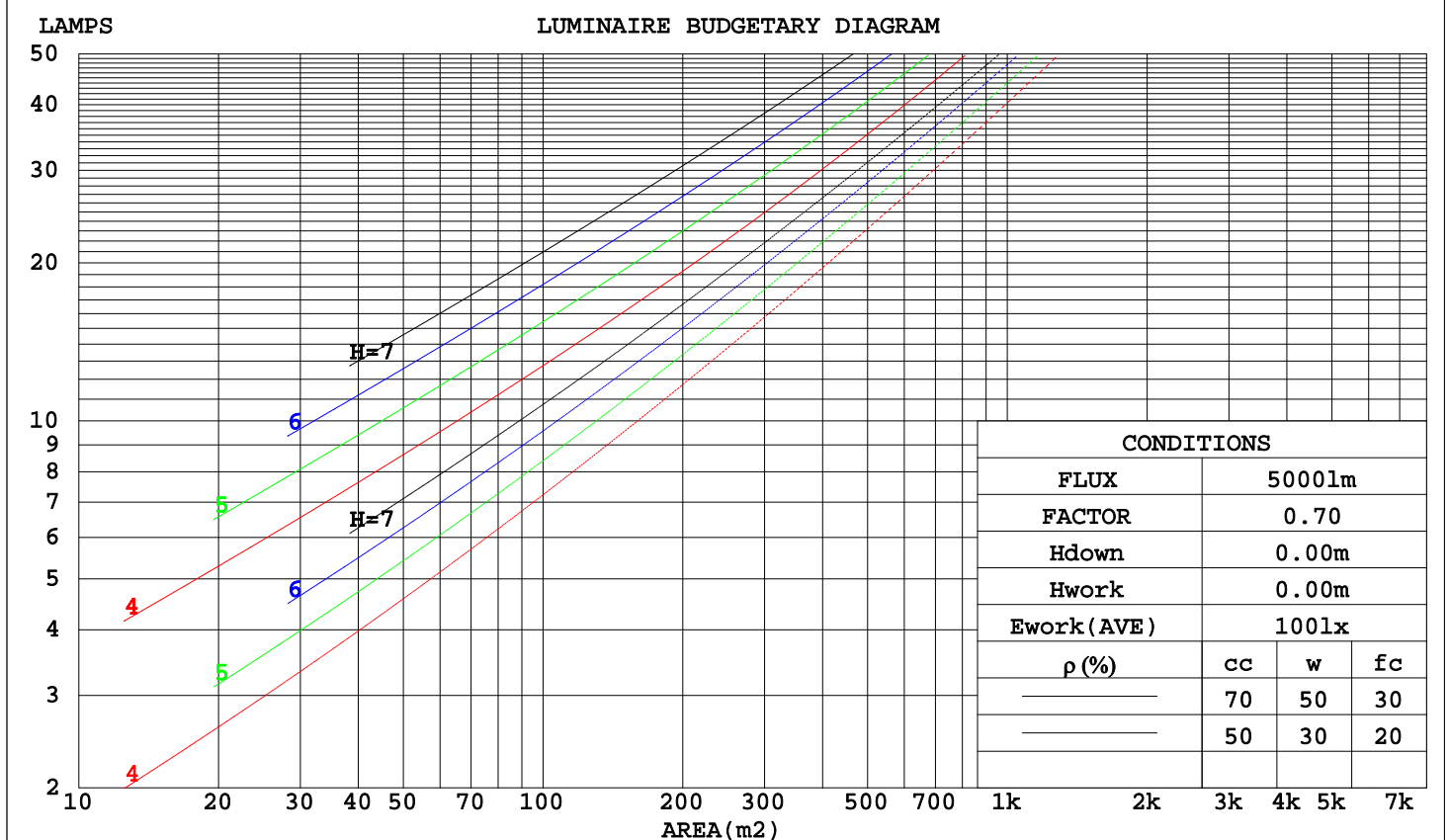
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

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															



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

WEC AND CCEC

Report number:

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

pcc	80%			70%			50%			30%			10%			0														
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
pf _c	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.689	.392	.124	.673	.384	.122	.644	.369	.118	.617	.356	.114	.591	.343	.111															
2.0	.513	.281	.086	.499	.275	.085	.472	.262	.081	.447	.251	.078	.424	.240	.076															
3.0	.417	.222	.066	.403	.216	.065	.379	.205	.062	.356	.195	.060	.335	.185	.057															
4.0	.352	.183	.054	.340	.178	.053	.318	.169	.050	.297	.160	.048	.278	.151	.046															
5.0	.305	.156	.045	.295	.151	.044	.274	.143	.042	.255	.135	.040	.238	.127	.038															
6.0	.270	.135	.039	.260	.131	.038	.242	.124	.036	.225	.117	.034	.208	.110	.033															
7.0	.242	.120	.034	.233	.116	.033	.216	.109	.032	.201	.103	.030	.186	.096	.028															
8.0	.220	.107	.030	.212	.104	.029	.196	.098	.028	.181	.092	.027	.168	.086	.025															
9.0	.201	.097	.027	.194	.094	.026	.179	.089	.025	.166	.083	.024	.153	.078	.022															
10.0	.185	.089	.025	.179	.086	.024	.165	.081	.023	.153	.076	.022	.141	.071	.020															

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.385	.385	.385	.329	.329	.329	.225	.225	.225	.129	.129	.129	.041	.041	.041	
1.0	.403	.349	.301	.345	.300	.259	.236	.206	.179	.136	.119	.104	.043	.038	.034	
2.0	.399	.328	.269	.342	.283	.232	.234	.196	.162	.135	.114	.095	.043	.037	.031	
3.0	.391	.314	.252	.335	.271	.219	.230	.188	.153	.133	.110	.090	.043	.036	.030	
4.0	.382	.303	.242	.327	.262	.211	.225	.182	.148	.130	.107	.088	.042	.035	.029	
5.0	.372	.294	.236	.319	.254	.205	.220	.178	.145	.127	.104	.086	.041	.034	.028	
6.0	.362	.286	.232	.311	.248	.202	.215	.174	.143	.125	.102	.085	.040	.033	.028	
7.0	.353	.280	.229	.304	.243	.199	.210	.170	.141	.122	.100	.084	.039	.033	.028	
8.0	.345	.274	.226	.297	.238	.197	.205	.167	.140	.119	.099	.083	.039	.032	.028	
9.0	.337	.269	.224	.290	.234	.195	.201	.164	.139	.117	.097	.083	.038	.032	.027	
10.0	.330	.265	.222	.284	.230	.194	.197	.162	.138	.115	.096	.082	.037	.031	.027	

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	-6.4	-4.7	-5.7	-4.1	-3.3	-6.1	-4.5	-5.5	-3.8	-3.0
3H	-0.1	1.4	0.5	2.1	2.9	-0.1	1.5	0.6	2.2	3.0
4H	2.9	4.4	3.6	5.1	6.0	2.9	4.4	3.6	5.1	6.0
6H	6.1	7.5	6.8	8.3	9.1	6.0	7.5	6.7	8.2	9.1
8H	7.8	9.2	8.5	9.9	10.8	7.7	9.1	8.4	9.8	10.7
12H	9.6	10.9	10.3	11.7	12.6	9.5	10.8	10.1	11.6	12.5
4H 2H	-4.7	-3.2	-4.1	-2.5	-1.7	-4.6	-3.1	-3.9	-2.4	-1.5
3H	1.0	2.4	1.7	3.1	4.0	1.0	2.4	1.7	3.1	4.0
4H	4.1	5.4	4.8	6.2	7.1	4.1	5.3	4.8	6.1	7.0
6H	7.4	8.6	8.2	9.4	10.3	7.3	8.5	8.1	9.3	10.2
8H	9.2	10.3	9.9	11.1	12.1	9.1	10.2	9.8	11.0	11.9
12H	11.1	12.2	11.9	13.0	14.0	11.0	12.0	11.7	12.8	13.8
8H 4H	5.0	6.1	5.7	6.9	7.8	4.9	6.0	5.7	6.8	7.8
6H	8.4	9.4	9.2	10.2	11.2	8.3	9.3	9.1	10.1	11.1
8H	10.3	11.2	11.1	12.0	13.0	10.2	11.1	11.0	11.9	12.9
12H	12.4	13.3	13.2	14.1	15.1	12.3	13.1	13.1	14.0	15.0
12H 4H	5.3	6.3	6.0	7.1	8.1	5.2	6.3	6.0	7.1	8.1
6H	8.7	9.7	9.5	10.5	11.5	8.7	9.6	9.4	10.4	11.4
8H	10.7	11.6	11.5	12.4	13.4	10.6	11.5	11.4	12.3	13.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 3.528 lm Total Lamp Luminous Flux.(8log(F/F0) = -19.6)

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) x 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	44	31	59	42	30	53	39	28	13
2.50	69	51	38	65	49	36	58	44	33	18
3.00	73	57	44	69	54	42	61	49	38	22
4.00	80	65	53	75	62	50	67	56	46	29
5.00	84	71	60	80	67	57	71	61	52	34
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

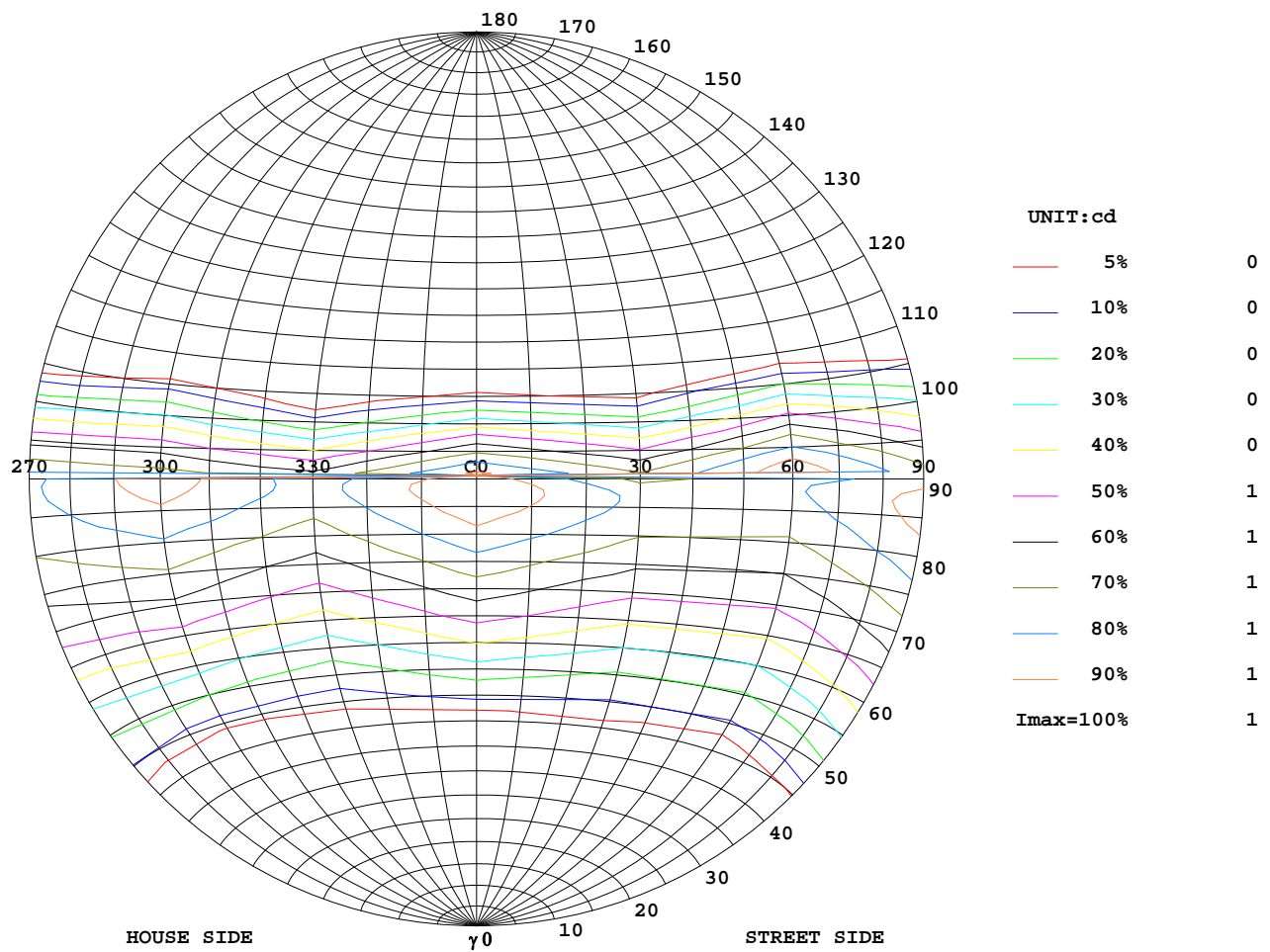
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

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

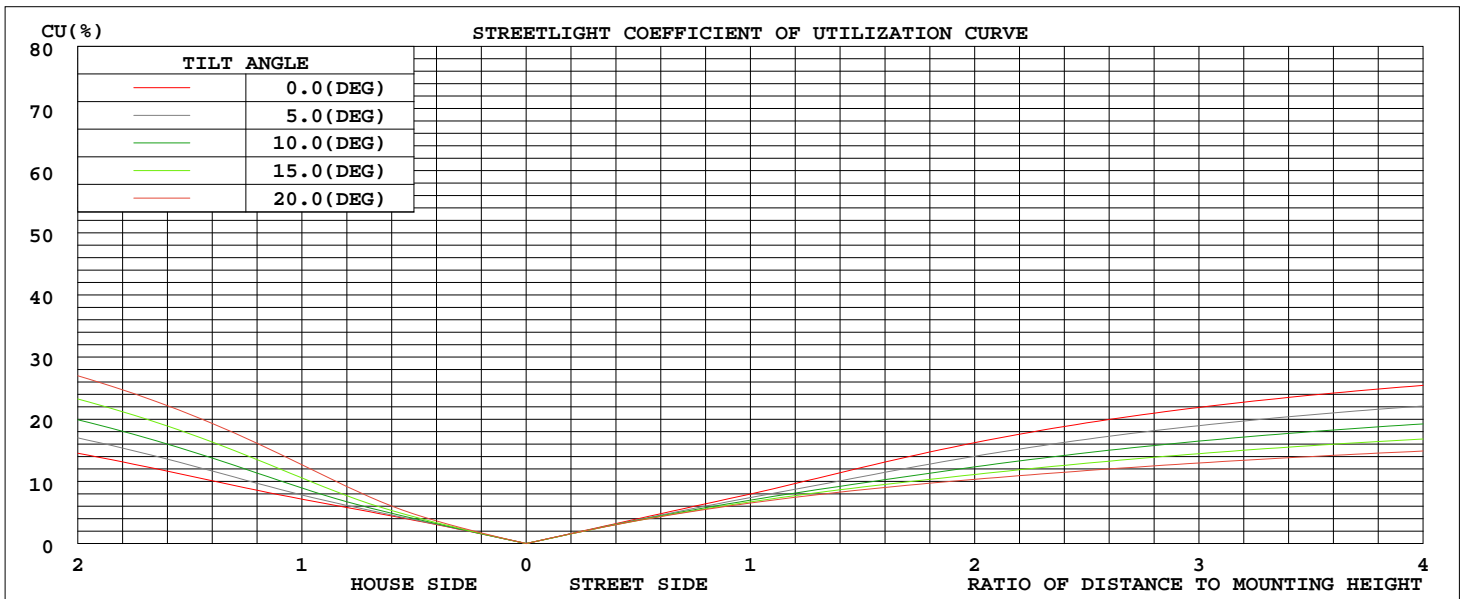
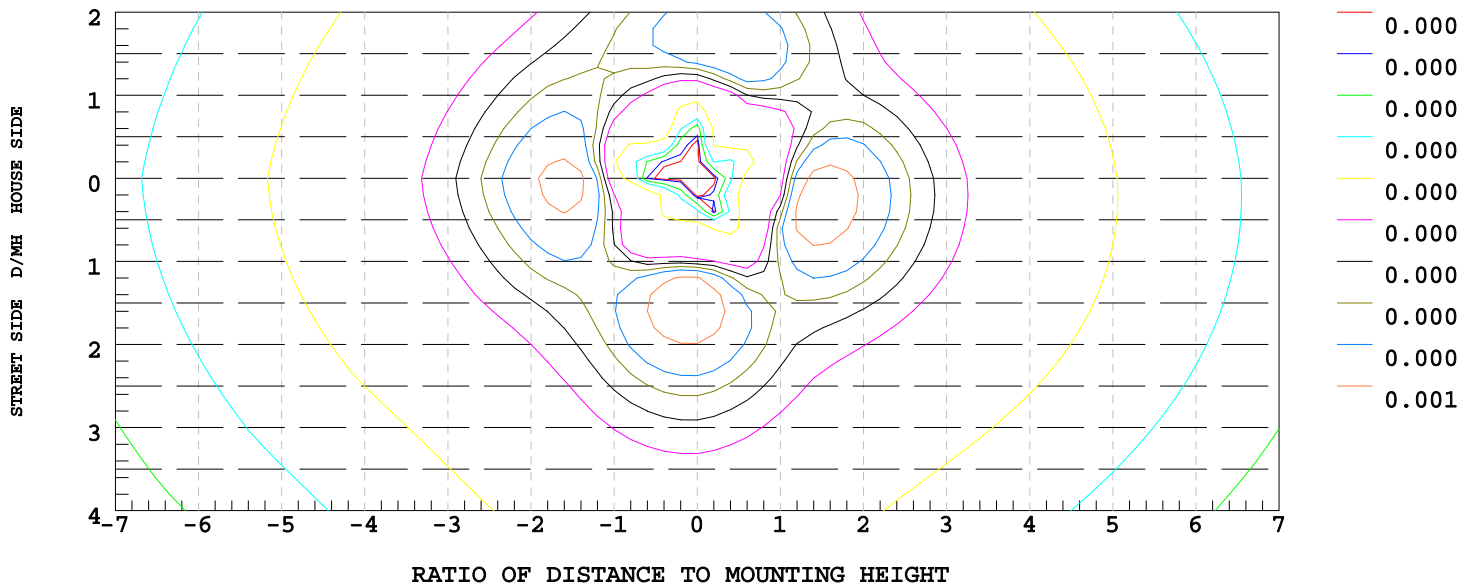
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

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



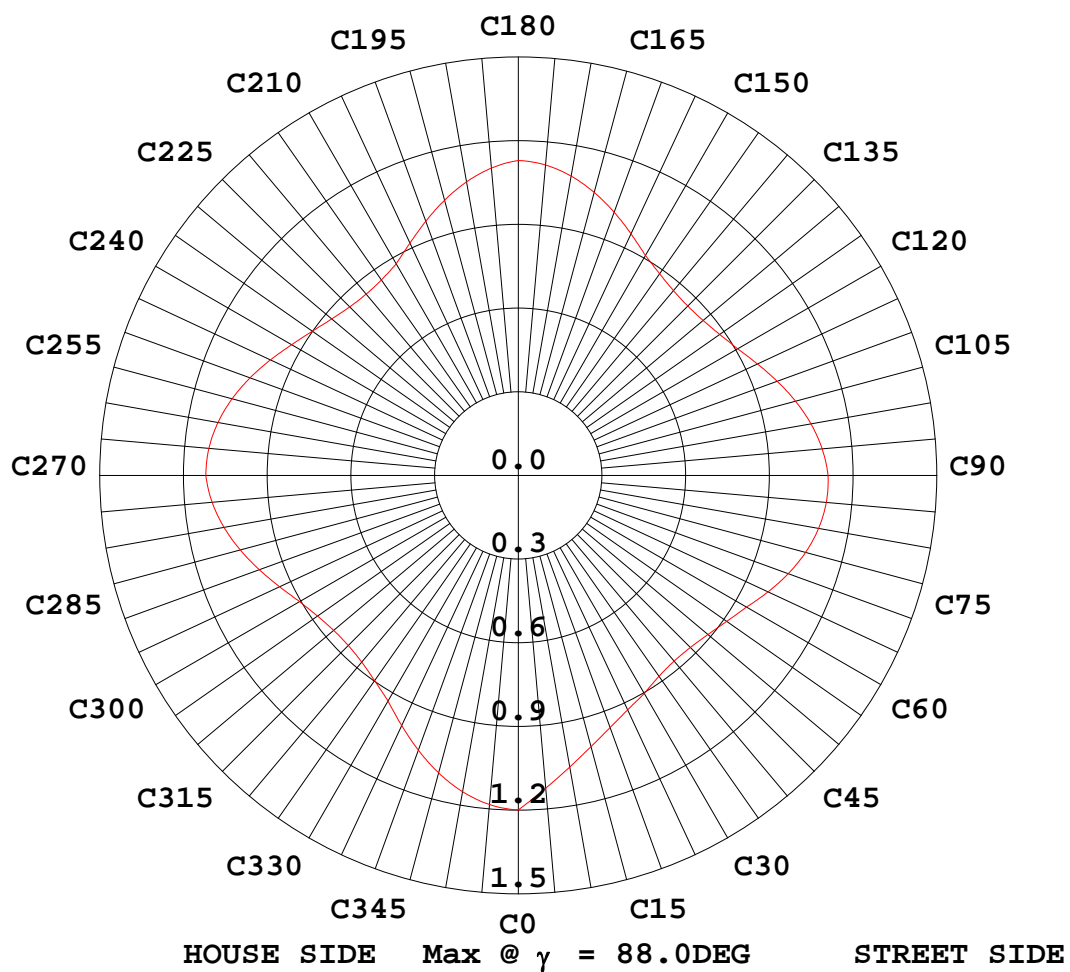
Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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.:



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	0.01	0.00	0.00	0.00
25.0	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.00
30.0	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.00
35.0	0.01	0.02	0.01	0.02	0.01	0.02	0.02	0.01	0.02	0.01	0.01	0.01
40.0	0.01	0.03	0.02	0.03	0.01	0.03	0.03	0.01	0.03	0.01	0.02	0.02
45.0	0.03	0.05	0.03	0.06	0.02	0.05	0.05	0.03	0.04	0.02	0.03	0.02
50.0	0.15	0.11	0.11	0.21	0.07	0.17	0.17	0.05	0.12	0.08	0.08	0.07
55.0	0.32	0.23	0.23	0.37	0.16	0.30	0.33	0.12	0.25	0.24	0.17	0.19
60.0	0.49	0.36	0.36	0.52	0.28	0.43	0.48	0.24	0.39	0.40	0.30	0.32
65.0	0.65	0.50	0.49	0.67	0.41	0.56	0.63	0.37	0.53	0.56	0.43	0.46
70.0	0.79	0.62	0.61	0.79	0.54	0.67	0.75	0.50	0.65	0.70	0.56	0.59
75.0	0.92	0.74	0.72	0.91	0.65	0.77	0.87	0.61	0.75	0.82	0.67	0.70
80.0	1.04	0.85	0.82	1.03	0.77	0.87	0.99	0.73	0.84	0.95	0.78	0.80
85.0	1.15	0.92	0.91	1.11	0.87	0.93	1.08	0.82	0.91	1.06	0.87	0.89
90.0	1.15	0.80	0.92	1.01	0.89	0.83	1.13	0.90	0.93	1.15	0.90	0.95
95.0	0.81	0.48	0.66	0.67	0.62	0.53	0.86	0.76	0.66	0.96	0.61	0.78
100.0	0.44	0.16	0.37	0.30	0.30	0.23	0.51	0.47	0.36	0.63	0.29	0.50
105.0	0.08	0.01	0.08	0.02	0.05	0.01	0.15	0.16	0.08	0.24	0.04	0.19
110.0	0.01	0.00	0.02	0.00	0.01	0.00	0.00	0.02	0.01	0.03	0.00	0.02
115.0	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	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%
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 Remarks: