

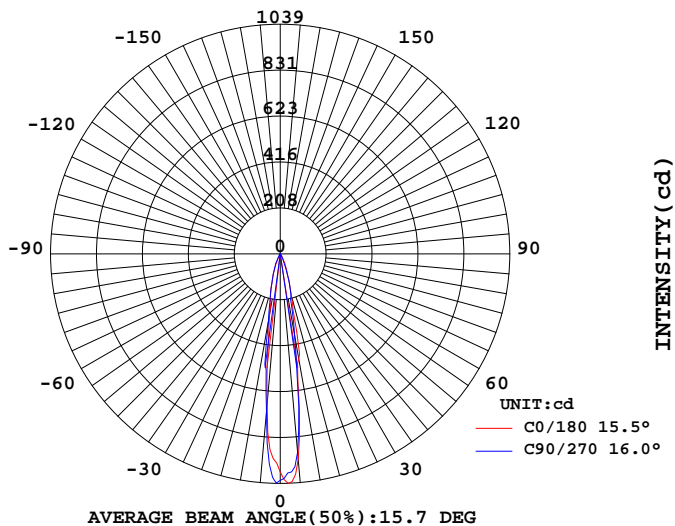
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

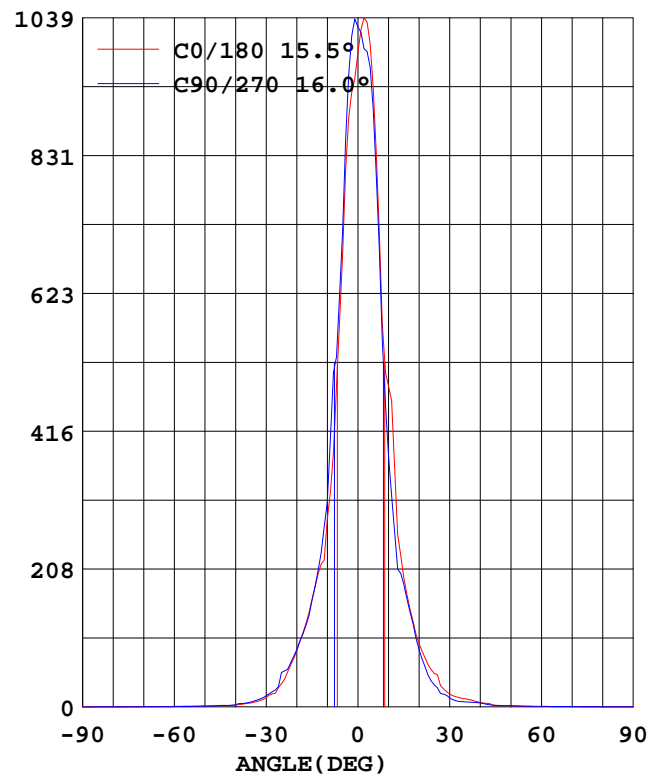
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	1039	S/MH(C0/180)	0.24
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.25
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	140.3	Voltage(V)	12.02
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	42.6	Current(A)	0.365
NOMINAL FLUX(lm)	140.3	η up(%)	0.6	Power(W)	3.290
LAMPS QUANTITY	1	η down(%)	99.4	Power Factor(PF)	0.749
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	107.7	EEI	0.228

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:

Color Temperature Data List

Report number:

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

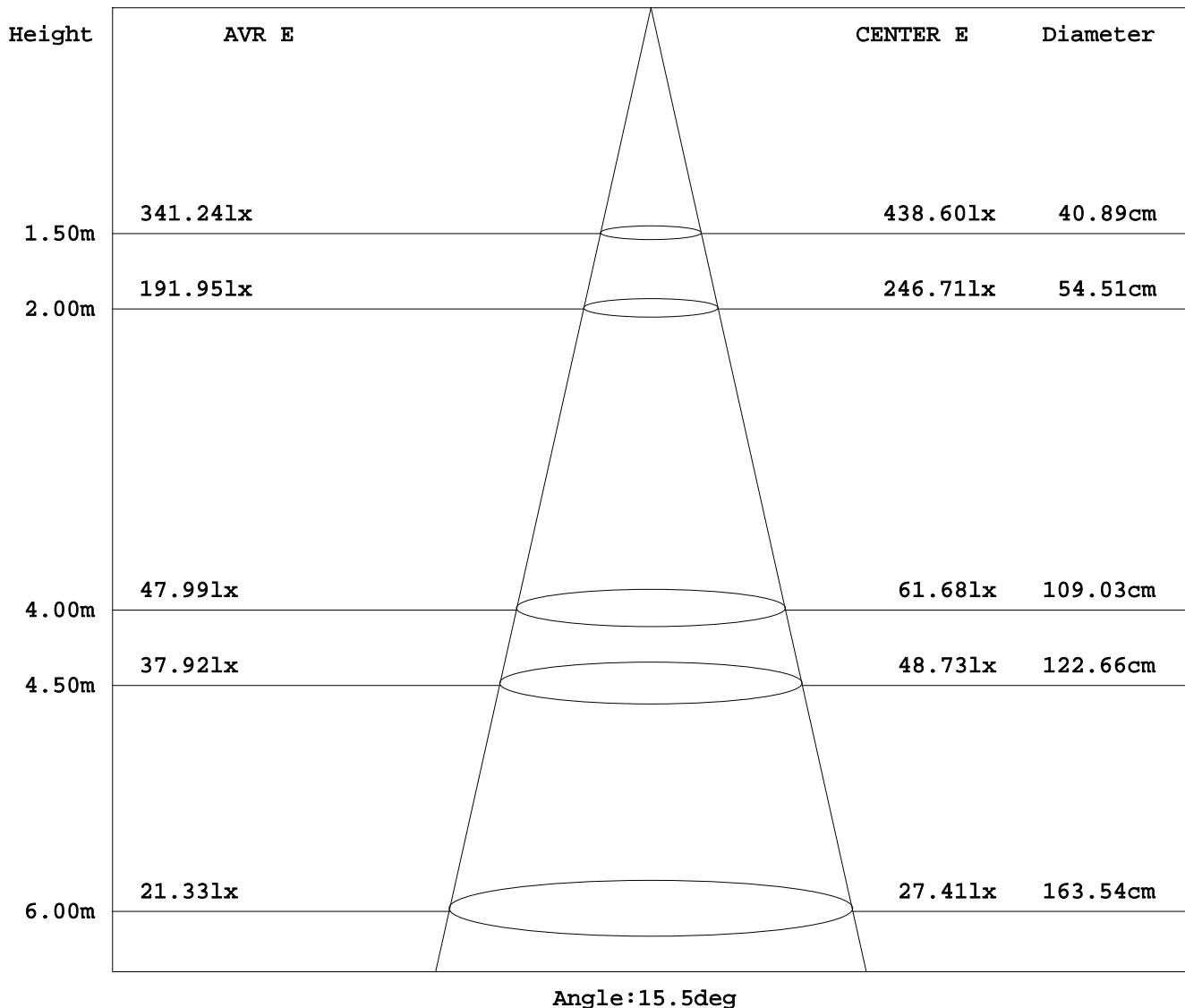
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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

AVERAGE AND CENTER E Figure

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

ZONAL FLUX DIAGRAM

Report number:

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

γ	C0	C90	C180	C270					γ	zone	total
5.0	681.9	716.9	934.1	902.0					0- 5	22.16	22.16
10.0	282.2	307.9	483.4	378.1					5- 10	38.70	60.86
15.0	162.2	160.7	195.1	185.1					10- 15	29.45	90.32
20.0	83.80	85.90	95.06	86.01					15- 20	20.83	111.1
25.0	34.91	51.99	50.36	33.09					20- 25	12.81	123.9
30.0	14.14	16.87	19.39	13.43					25- 30	6.479	130.4
35.0	6.011	7.305	12.07	7.512					30- 35	3.291	133.7
40.0	2.935	3.115	6.701	5.976					35- 40	2.173	135.9
45.0	2.174	1.744	2.620	1.822					40- 45	1.217	137.1
50.0	1.468	1.063	1.506	1.690					45- 50	0.707	137.8
55.0	1.063	0.704	0.880	1.066					50- 55	0.504	138.3
60.0	0.775	0.498	0.610	0.815					55- 60	0.365	138.7
65.0	0.514	0.350	0.432	0.615					60- 65	0.279	138.9
70.0	0.348	0.243	0.295	0.466					65- 70	0.205	139.1
75.0	0.241	0.145	0.197	0.337					70- 75	0.147	139.3
80.0	0.147	0.070	0.114	0.236					75- 80	0.099	139.4
85.0	0.062	0.012	0.041	0.129					80- 85	0.056	139.4
90.0	0.017	0	0	0.041					85- 90	0.019	139.5
95.0	0.013	0	0	0.022					90- 95	0.005	139.5
100.0	0.013	0	0	0.010					95-100	0.004	139.5
105.0	0.005	0	0	0.013					100-105	0.003	139.5
110.0	0.010	0	0	0.013					105-110	0.003	139.5
115.0	0.007	0.007	0.001	0.014					110-115	0.003	139.5
120.0	0.007	0.012	0.006	0.008					115-120	0.004	139.5
125.0	0.015	0.012	0.010	0.019					120-125	0.006	139.5
130.0	0.022	0.023	0.017	0.019					125-130	0.007	139.5
135.0	0.045	0.050	0.039	0.034					130-135	0.012	139.5
140.0	0.083	0.093	0.080	0.072					135-140	0.022	139.5
145.0	0.165	0.195	0.165	0.130					140-145	0.039	139.6
150.0	0.314	0.370	0.316	0.262					145-150	0.068	139.6
155.0	0.566	0.647	0.558	0.485					150-155	0.108	139.7
160.0	0.926	0.994	0.885	0.806					155-160	0.152	139.9
165.0	1.123	1.049	1.140	1.128					160-165	0.169	140.1
170.0	0.847	0.708	0.982	1.121					165-170	0.124	140.2
175.0	0.487	0.447	0.631	0.728					170-175	0.054	140.2
180.0	0.412	0.407	0.410	0.416					175-180	0.012	140.3
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:

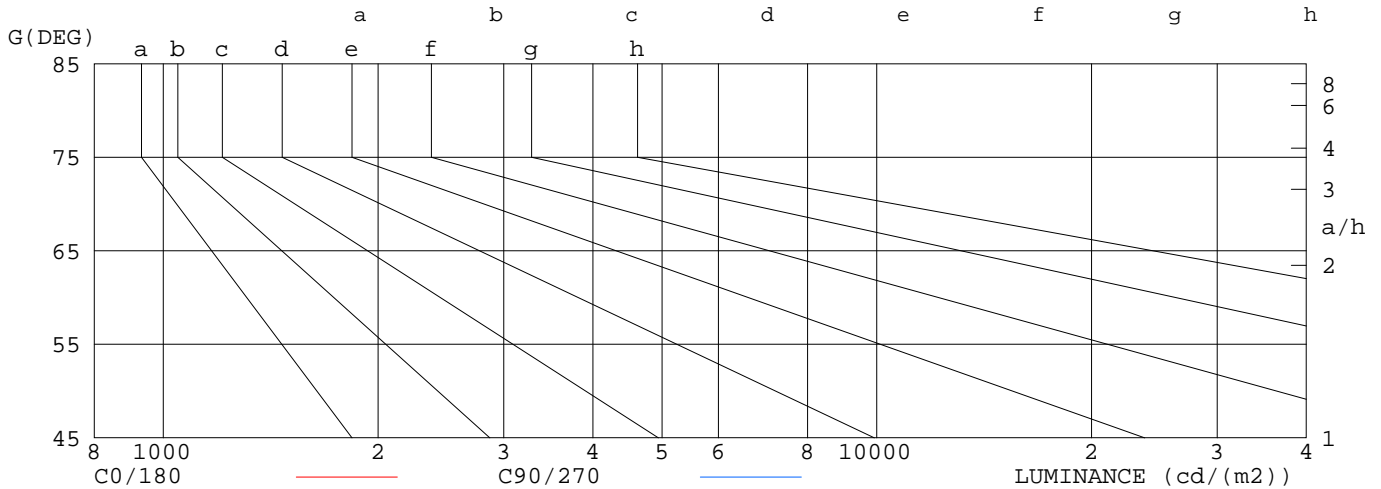
LUMINANCE LIMITATION CURVES

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	7	1
80	8	4
75	9	6
70	10	7
65	12	8
60	15	10
55	19	12
50	23	17
45	31	25

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

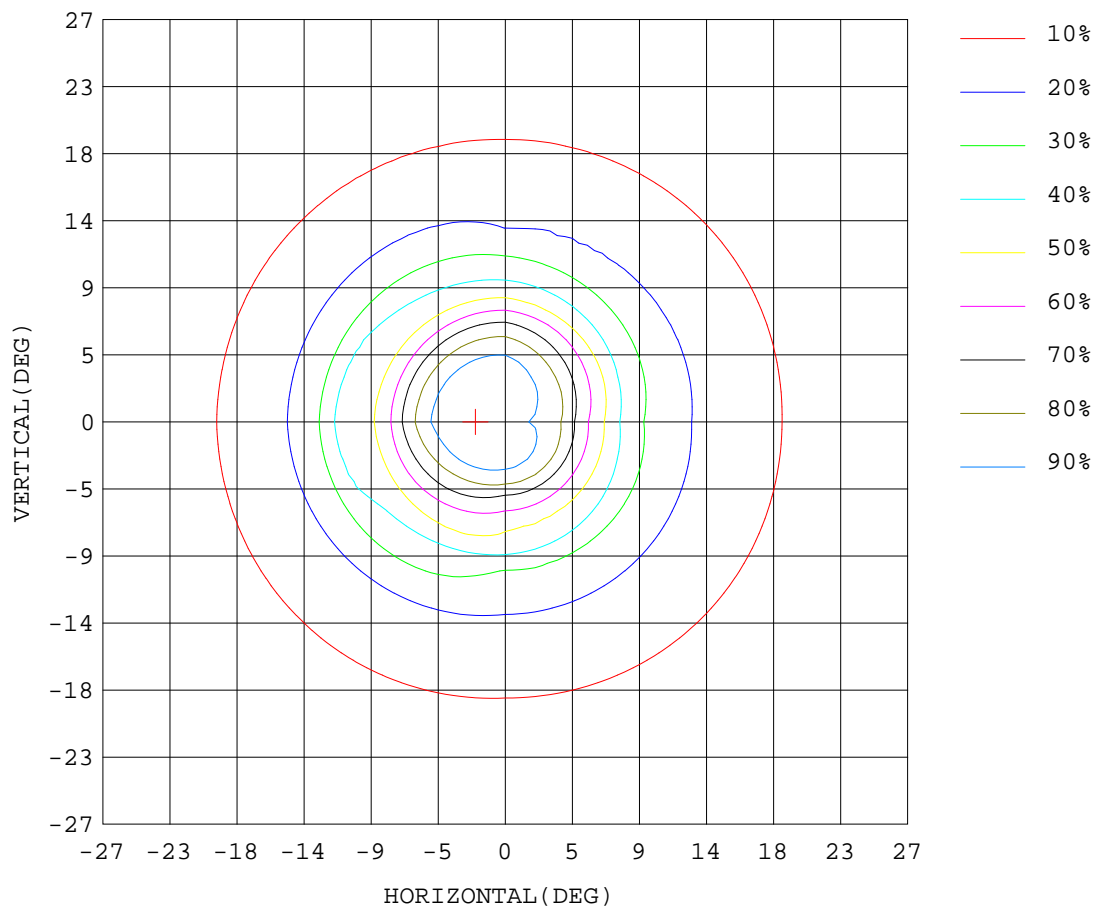
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



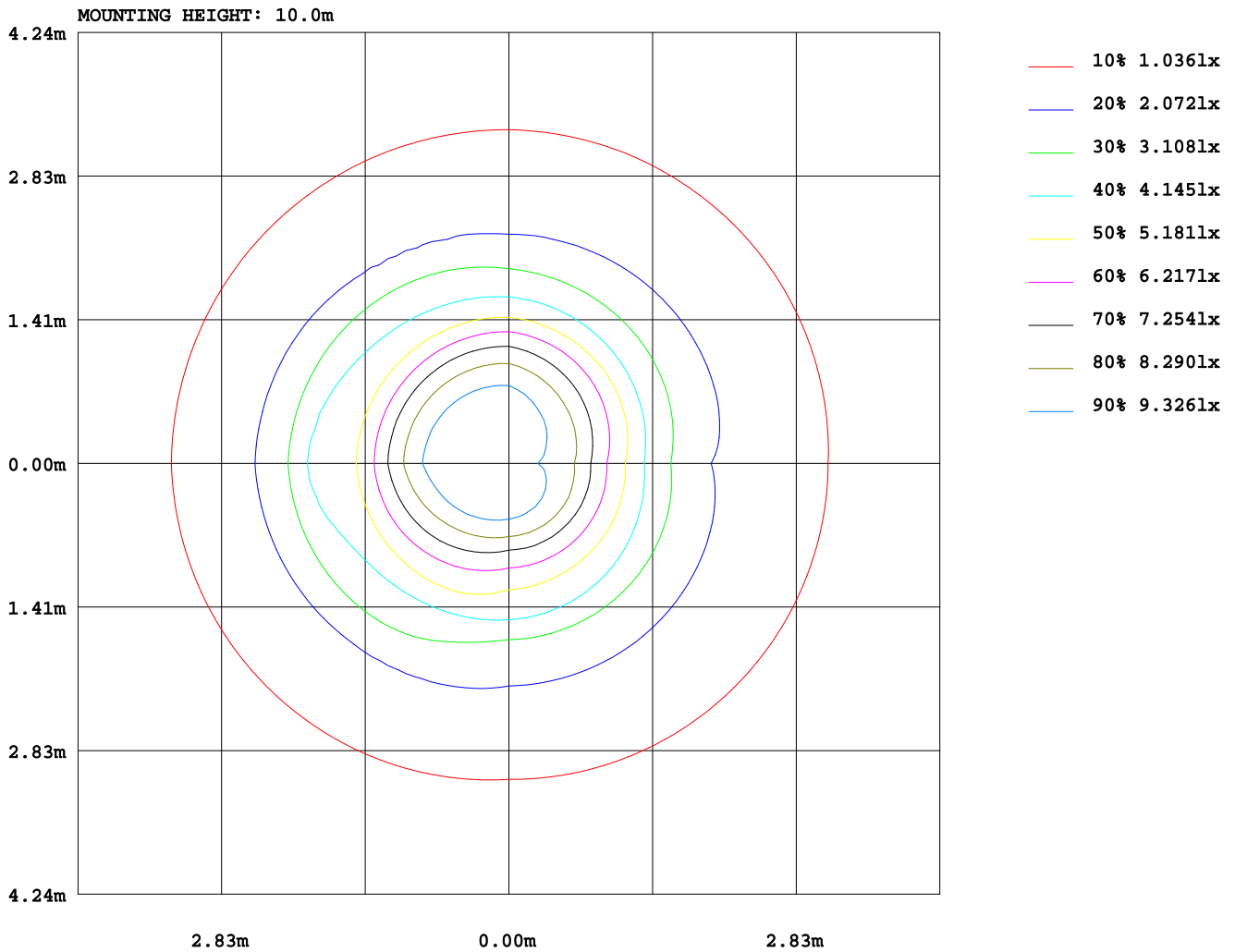
Test System:HOPOO HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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

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.:				

27	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.03	0.03	0.04	0.05	0.06	0.08	0.08	0.08	0.08	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.02	0.91	0.00		
24	0.03	0.03	0.05	0.06	0.09	0.11	0.13	0.14	0.15	0.15	0.14	0.12	0.10	0.07	0.05	0.04	0.03	0.02	1.49	0.00		
21	0.03	0.05	0.07	0.10	0.13	0.17	0.21	0.24	0.26	0.26	0.24	0.20	0.16	0.12	0.08	0.06	0.04	0.03	2.45	0.27		
18	0.04	0.07	0.11	0.14	0.20	0.27	0.34	0.39	0.42	0.42	0.38	0.32	0.25	0.19	0.13	0.08	0.05	0.03	3.83	2.34		
15	0.06	0.10	0.14	0.20	0.29	0.39	0.49	0.55	0.58	0.57	0.52	0.46	0.37	0.27	0.19	0.12	0.07	0.04	5.38	4.22		
12	0.07	0.12	0.18	0.26	0.39	0.52	0.69	0.88	0.97	0.92	0.76	0.59	0.47	0.35	0.24	0.16	0.09	0.05	7.72	6.70		
9	0.09	0.14	0.22	0.33	0.49	0.72	1.08	1.37	1.66	1.58	1.19	0.81	0.57	0.43	0.30	0.19	0.11	0.06	11.3	10.4		
VERTICAL (DEG)	0.11	0.16	0.24	0.39	0.57	1.01	1.41	2.09	2.48	2.36	1.76	1.06	0.66	0.48	0.34	0.22	0.13	0.07	15.5	14.7		
	0.12	0.17	0.26	0.42	0.66	1.19	1.71	2.53	2.77	2.60	2.04	1.21	0.70	0.51	0.35	0.23	0.14	0.08	17.7	16.8		
	0.12	0.17	0.26	0.41	0.65	1.18	1.67	2.45	2.75	2.59	1.96	1.17	0.69	0.50	0.35	0.23	0.14	0.08	17.4	16.5		
	0.11	0.16	0.24	0.38	0.57	0.99	1.35	1.87	2.16	2.03	1.54	1.01	0.63	0.47	0.33	0.22	0.14	0.07	14.2	13.4		
	0.09	0.15	0.22	0.32	0.47	0.70	1.01	1.26	1.42	1.34	1.08	0.74	0.55	0.41	0.29	0.19	0.12	0.07	10.4	9.48		
-9	0.07	0.13	0.18	0.26	0.37	0.50	0.66	0.80	0.84	0.79	0.68	0.56	0.44	0.33	0.24	0.16	0.10	0.05	7.17	6.09		
-12	0.06	0.10	0.15	0.21	0.28	0.36	0.44	0.51	0.54	0.53	0.48	0.41	0.33	0.26	0.19	0.13	0.08	0.05	5.10	3.81		
-15	0.05	0.07	0.12	0.16	0.21	0.26	0.31	0.35	0.36	0.36	0.34	0.30	0.25	0.19	0.14	0.10	0.06	0.04	3.64	1.96		
-18	0.04	0.05	0.08	0.12	0.15	0.18	0.22	0.24	0.25	0.25	0.24	0.21	0.17	0.14	0.10	0.06	0.04	0.03	2.56	0.10		
-21	0.03	0.04	0.05	0.07	0.10	0.13	0.15	0.16	0.17	0.17	0.16	0.15	0.12	0.09	0.06	0.04	0.03	0.02	1.75	0.00		
-24	0.02	0.03	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.11	0.10	0.08	0.06	0.05	0.04	0.03	0.02	0.02	1.08	0.00		
-27																						
-27 -24 -21 -18 -15 -12 -9 -6 HORIZONTAL (DEG) 6 9 12 15 18 21 24 27																						
Φ t	1.15	1.77	2.64	3.92	5.72	8.82	12.0	16.0	17.9	17.1	13.6	9.48	6.59	4.90	3.46	2.30	1.42	0.83	140			
Φ a	0.00	0.00	0.36	2.38	4.47	7.73	11.0	15.1	17.1	16.2	12.7	8.50	5.51	3.68	1.91	0.12	0.00	0.00		108		

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

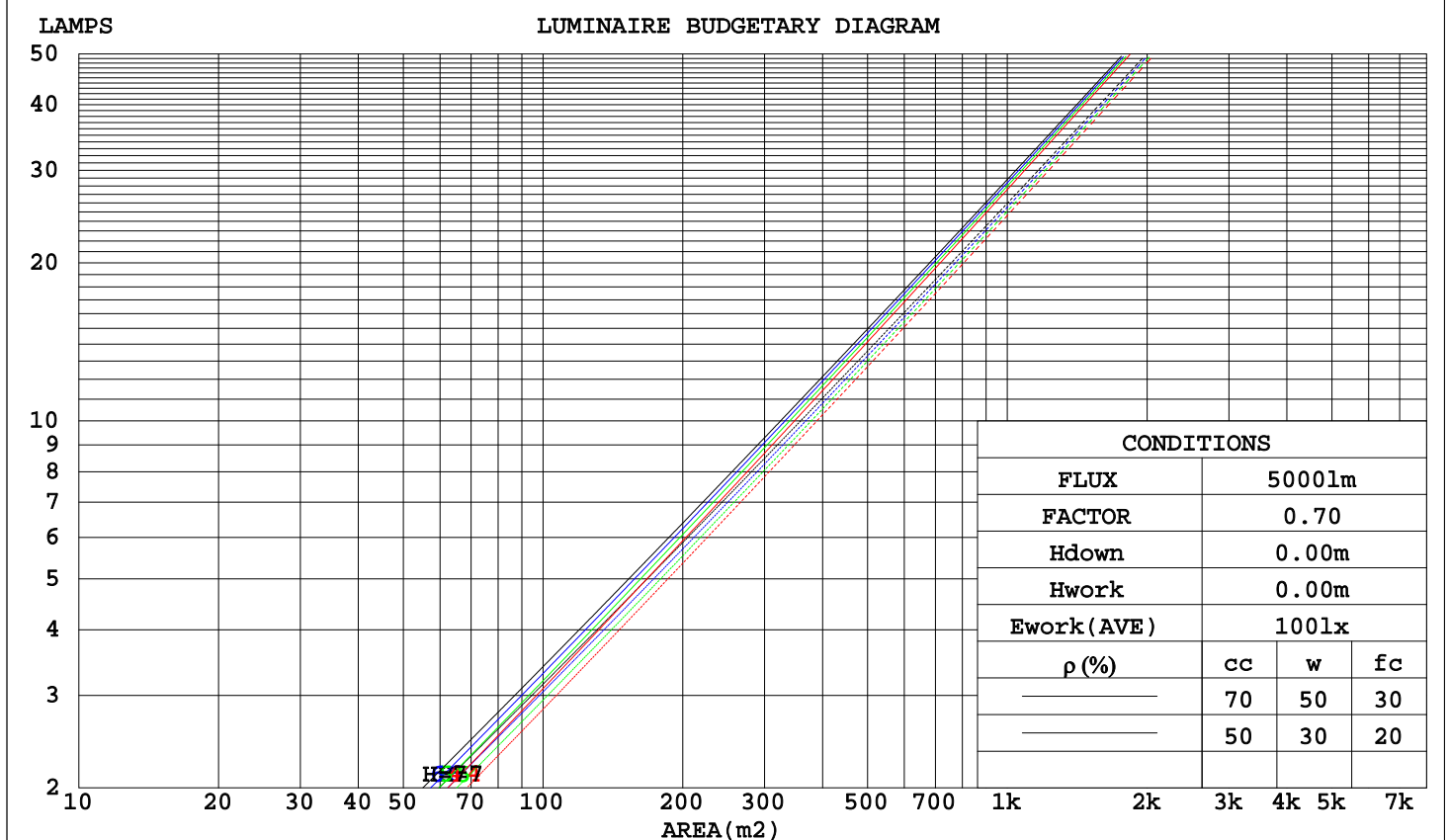
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

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															



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
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.136	.077	.024	.129	.074	.023	.116	.067	.021	.105	.060	.019	.094	.054	.018	
2.0	.125	.069	.021	.120	.066	.020	.109	.061	.019	.100	.056	.018	.091	.051	.016	
3.0	.117	.062	.019	.112	.060	.018	.103	.056	.017	.095	.052	.016	.087	.048	.015	
4.0	.109	.057	.017	.105	.055	.016	.097	.052	.015	.091	.049	.015	.084	.046	.014	
5.0	.102	.052	.015	.099	.051	.015	.092	.048	.014	.087	.046	.014	.081	.043	.013	
6.0	.096	.048	.014	.093	.047	.014	.088	.045	.013	.083	.043	.013	.078	.041	.012	
7.0	.091	.045	.013	.089	.044	.013	.084	.042	.012	.079	.041	.012	.075	.039	.011	
8.0	.087	.042	.012	.084	.042	.012	.080	.040	.011	.076	.039	.011	.073	.037	.011	
9.0	.082	.040	.011	.081	.039	.011	.077	.038	.011	.073	.037	.011	.070	.036	.010	
10.0	.079	.038	.010	.077	.037	.010	.074	.036	.010	.071	.035	.010	.068	.034	.010	

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	.195	.195	.195	.166	.166	.166	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.173	.162	.152	.148	.139	.131	.101	.096	.091	.058	.055	.053	.019	.018	.017	
2.0	.154	.137	.123	.132	.118	.106	.091	.082	.074	.052	.047	.043	.017	.015	.014	
3.0	.139	.118	.100	.119	.102	.087	.082	.071	.061	.047	.041	.036	.015	.013	.012	
4.0	.127	.102	.084	.109	.088	.073	.075	.062	.051	.043	.036	.030	.014	.012	.010	
5.0	.116	.090	.071	.100	.078	.061	.069	.054	.043	.040	.032	.026	.013	.010	.008	
6.0	.107	.080	.060	.092	.069	.053	.063	.048	.037	.037	.028	.022	.012	.009	.007	
7.0	.099	.072	.052	.085	.062	.046	.059	.044	.032	.034	.026	.019	.011	.008	.006	
8.0	.093	.065	.046	.080	.056	.040	.055	.039	.028	.032	.023	.017	.010	.008	.006	
9.0	.087	.059	.040	.075	.051	.035	.052	.036	.025	.030	.021	.015	.010	.007	.005	
10.0	.082	.054	.036	.070	.047	.032	.049	.033	.022	.029	.020	.013	.009	.006	.004	

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:

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	2H	-10.0	-9.4	-9.8	-9.2	-9.1	-10.0	-9.4	-9.8	-9.3	-9.1
	3H	-9.7	-9.1	-9.4	-8.9	-8.7	-9.9	-9.3	-9.7	-9.1	-8.9
	4H	-9.5	-9.0	-9.3	-8.8	-8.5	-9.9	-9.3	-9.6	-9.1	-8.9
	6H	-9.4	-8.9	-9.1	-8.7	-8.4	-9.9	-9.4	-9.6	-9.1	-8.9
	8H	-9.4	-8.9	-9.1	-8.6	-8.4	-9.9	-9.4	-9.6	-9.1	-8.9
	12H	-9.4	-8.9	-9.1	-8.6	-8.4	-10.0	-9.5	-9.6	-9.2	-8.9
4H	2H	-10.0	-9.4	-9.7	-9.2	-9.0	-10.0	-9.5	-9.8	-9.2	-9.0
	3H	-9.6	-9.1	-9.2	-8.8	-8.5	-9.8	-9.3	-9.5	-9.0	-8.8
	4H	-9.4	-8.9	-9.0	-8.6	-8.3	-9.7	-9.3	-9.4	-9.0	-8.6
	6H	-9.2	-8.8	-8.8	-8.4	-8.1	-9.7	-9.3	-9.3	-9.0	-8.6
	8H	-9.1	-8.7	-8.7	-8.4	-8.0	-9.7	-9.3	-9.3	-9.0	-8.6
	12H	-9.1	-8.7	-8.7	-8.4	-8.0	-9.8	-9.4	-9.4	-9.0	-8.6
8H	4H	-9.4	-9.0	-9.0	-8.6	-8.3	-9.7	-9.4	-9.3	-9.0	-8.6
	6H	-9.1	-8.8	-8.7	-8.4	-8.0	-9.7	-9.4	-9.2	-9.0	-8.5
	8H	-9.0	-8.8	-8.6	-8.3	-7.9	-9.7	-9.4	-9.2	-9.0	-8.5
	12H	-9.0	-8.8	-8.5	-8.3	-7.8	-9.7	-9.5	-9.3	-9.0	-8.6
12H	4H	-9.4	-9.1	-9.0	-8.7	-8.3	-9.8	-9.4	-9.4	-9.0	-8.6
	6H	-9.2	-8.9	-8.7	-8.5	-8.0	-9.7	-9.4	-9.2	-9.0	-8.5
	8H	-9.1	-8.8	-8.6	-8.4	-7.9	-9.7	-9.5	-9.2	-9.0	-8.5
Variations with the observer position at spacings:											
S = 1.0H	+ 1.2 / - 1.3					+ 2.2 / - 3.0					
1.5H	+ 2.1 / - 1.1					+ 3.8 / - 2.5					
2.0H	+ 1.9 / - 1.2					+ 1.9 / - 1.6					

CIE Pub.117 Corrected 140.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -6.8)

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	90	84	80	89	84	80	88	83	80	77
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	96
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	112	109	112	110	108	108	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

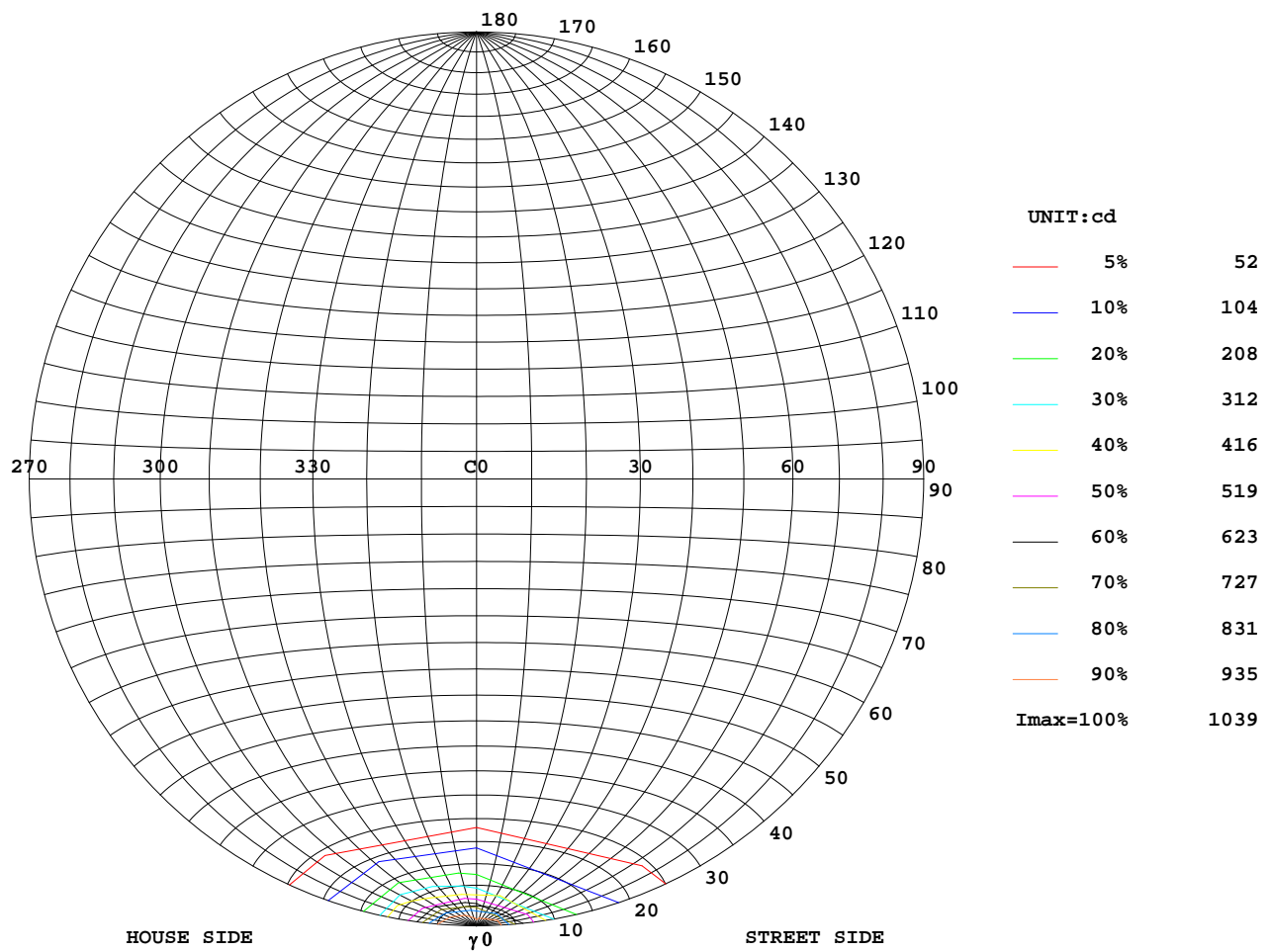
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

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

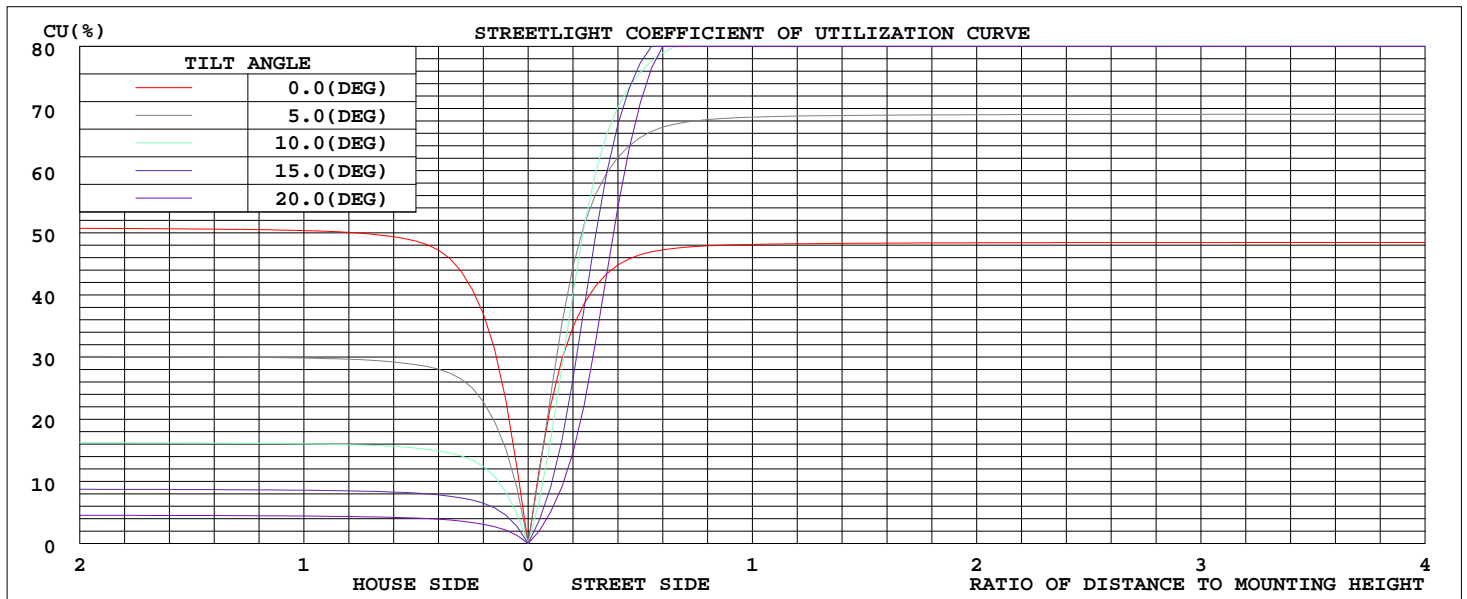
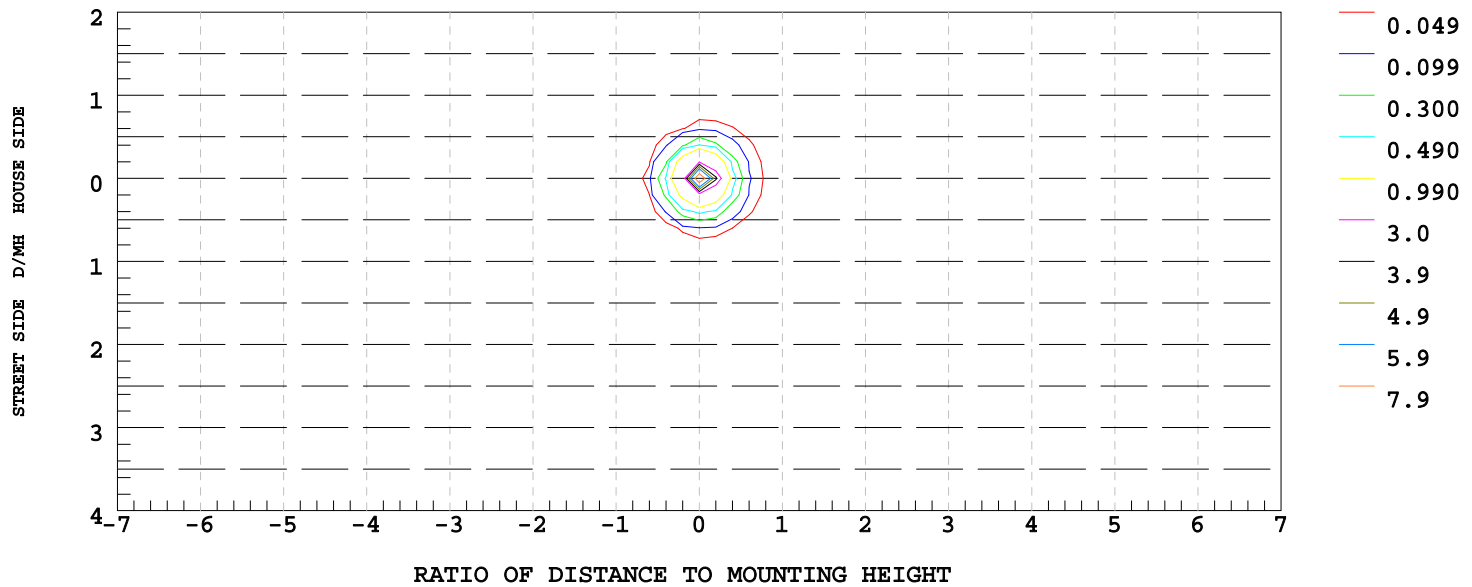
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 9.87 lx



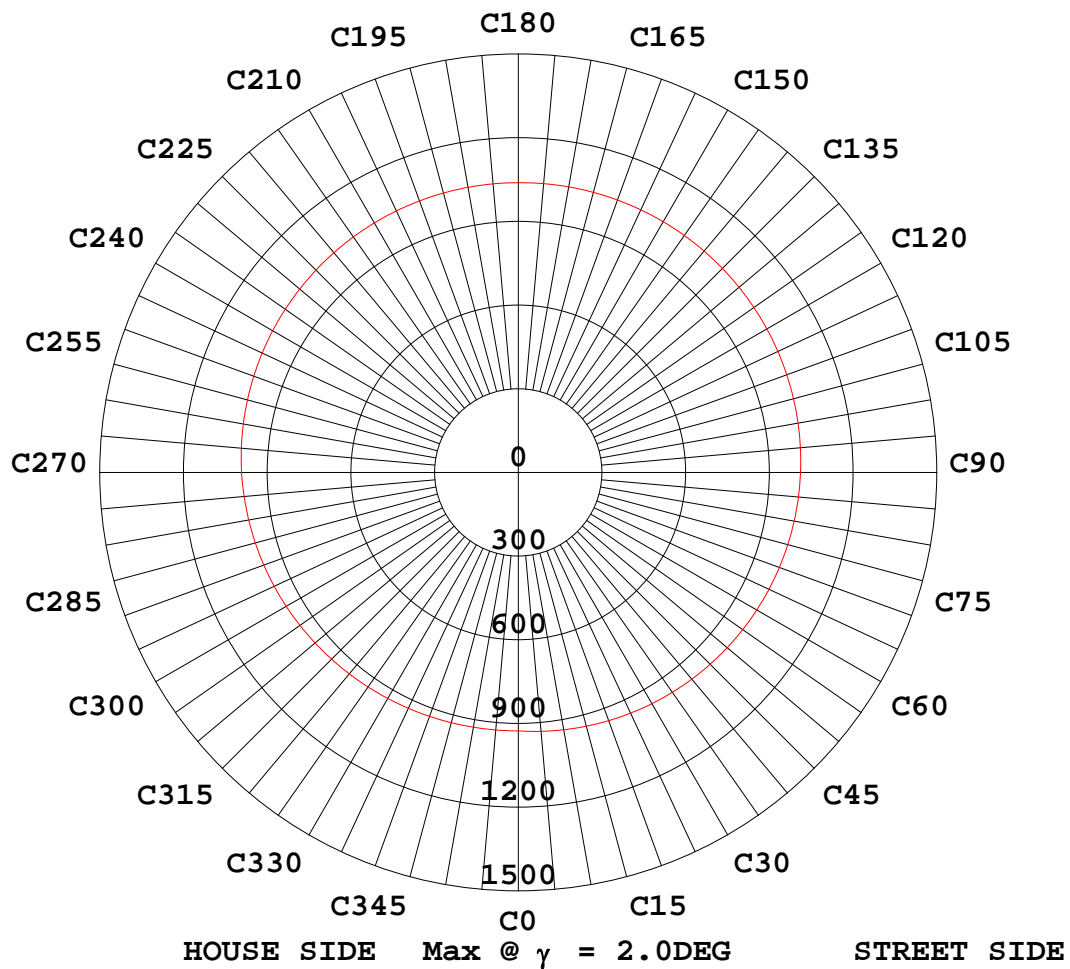
Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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:

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	90	180	270
0.0	987	1025	987	1025
5.0	682	717	934	902
10.0	282	308	483	378
15.0	162	161	195	185
20.0	83.8	85.9	95.0	86.0
25.0	34.9	51.9	50.3	33.0
30.0	14.1	16.8	19.3	13.4
35.0	6.01	7.30	12.0	7.51
40.0	2.93	3.11	6.70	5.97
45.0	2.17	1.74	2.62	1.82
50.0	1.46	1.06	1.50	1.69
55.0	1.06	0.70	0.88	1.06
60.0	0.77	0.50	0.61	0.81
65.0	0.51	0.35	0.43	0.62
70.0	0.35	0.24	0.29	0.47
75.0	0.24	0.14	0.20	0.34
80.0	0.15	0.07	0.11	0.24
85.0	0.06	0.01	0.04	0.13
90.0	0.02	0.00	0.00	0.04
95.0	0.01	0.00	0.00	0.02
100.0	0.01	0.00	0.00	0.01
105.0	0.00	0.00	0.00	0.01
110.0	0.01	0.00	0.00	0.01
115.0	0.01	0.01	0.00	0.01
120.0	0.01	0.01	0.01	0.01
125.0	0.01	0.01	0.01	0.02
130.0	0.02	0.02	0.02	0.02
135.0	0.05	0.05	0.04	0.03
140.0	0.08	0.09	0.08	0.07
145.0	0.17	0.19	0.17	0.13
150.0	0.31	0.37	0.32	0.26
155.0	0.57	0.65	0.56	0.49
160.0	0.93	0.99	0.88	0.81
165.0	1.12	1.04	1.14	1.12
170.0	0.85	0.71	0.98	1.12
175.0	0.49	0.45	0.63	0.73
180.0	0.41	0.41	0.41	0.42

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: