

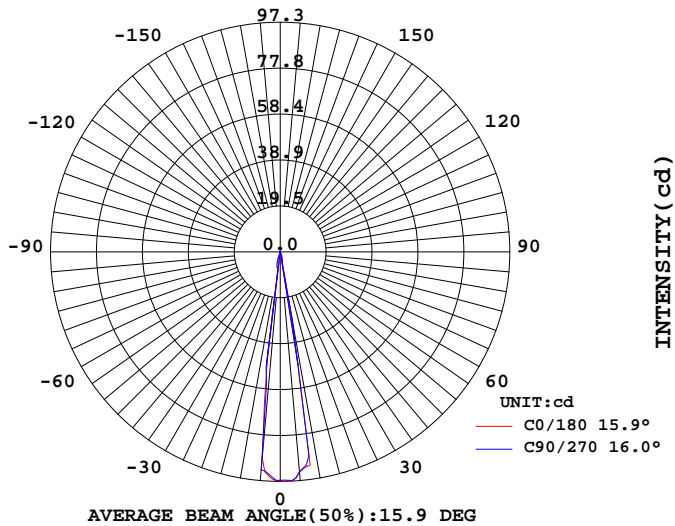
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

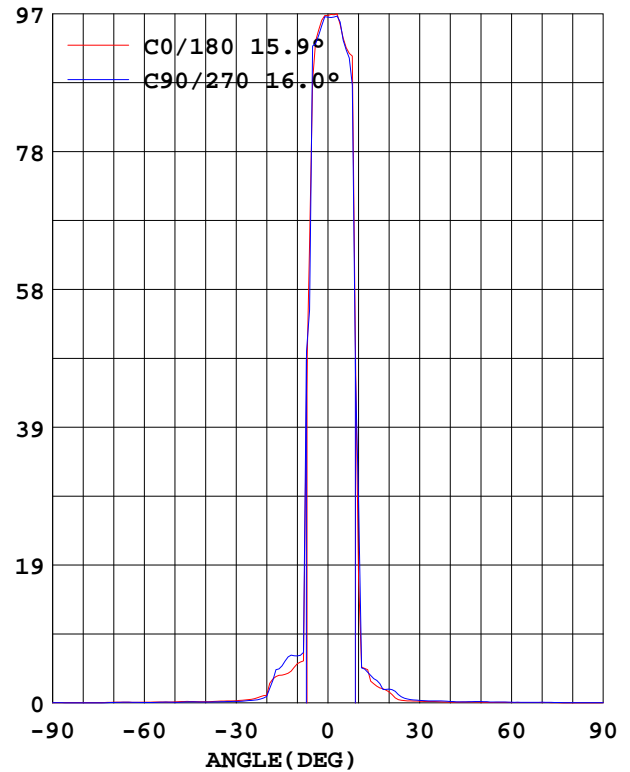
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	97.27	S/MH(C0/180)	0.19
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.19
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	7.9	Voltage(V)	11.99
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	2.4	Current(A)	0.361
NOMINAL FLUX(lm)	7.9	η up(%)	1.7	Power(W)	3.250
LAMPS QUANTITY	1	η down(%)	98.3	Power Factor(PF)	0.748
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	5.9	EEI	1.338

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.:

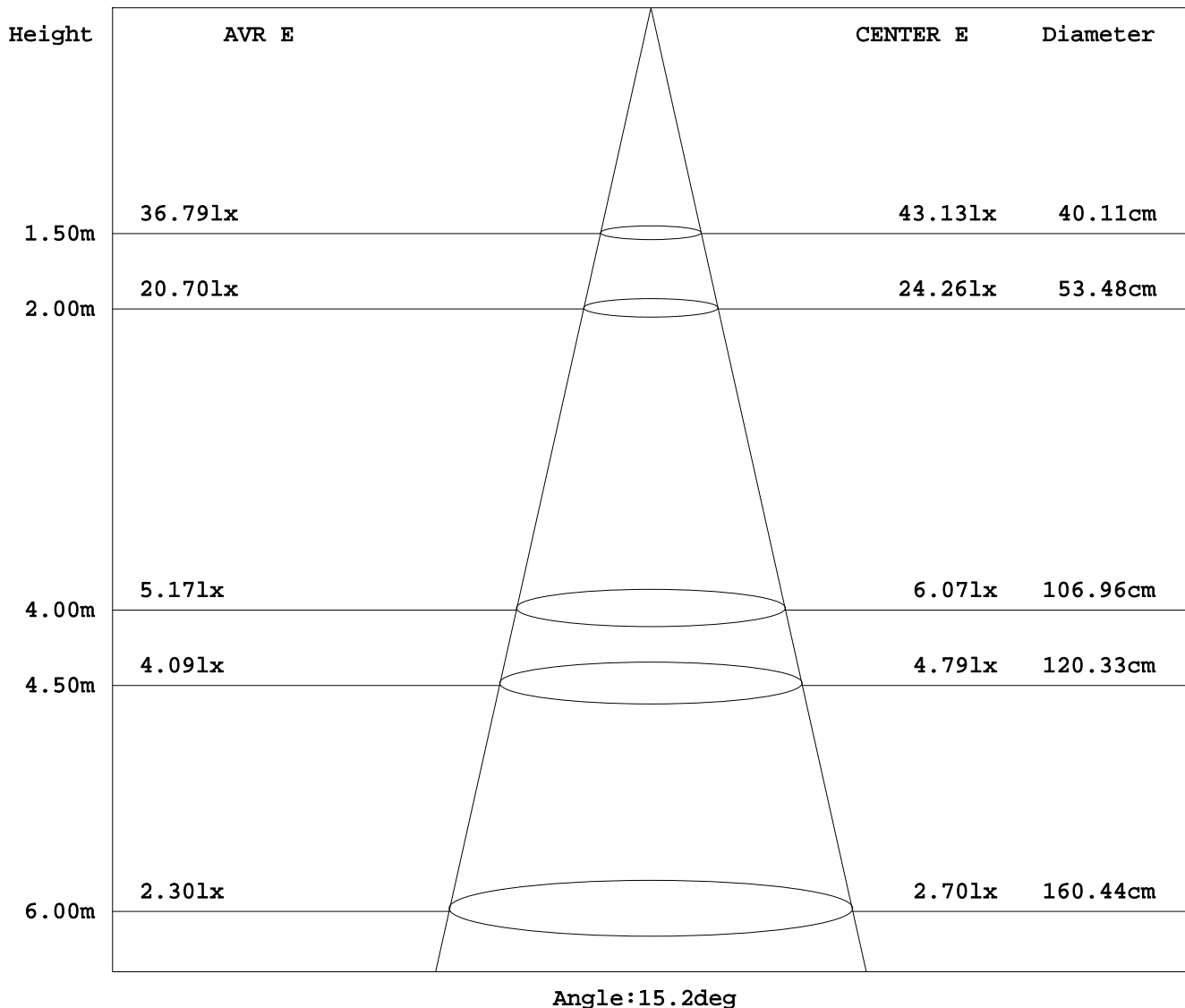
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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: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	C90	C180	C270					γ	zone	total
5.0	87.79	92.72	93.82	93.53					0- 5	2.270	2.270
10.0	5.518	6.626	17.66	28.55					5- 10	3.604	5.874
15.0	3.911	5.239	2.691	3.425					10- 15	0.664	6.538
20.0	1.081	0.908	1.557	1.946					15- 20	0.459	6.998
25.0	0.511	0.350	0.323	0.662					20- 25	0.177	7.175
30.0	0.306	0.210	0.228	0.360					25- 30	0.089	7.263
35.0	0.255	0.159	0.187	0.274					30- 35	0.071	7.335
40.0	0.167	0.115	0.107	0.203					35- 40	0.062	7.396
45.0	0.198	0.156	0.124	0.156					40- 45	0.054	7.451
50.0	0.137	0.084	0.100	0.181					45- 50	0.061	7.512
55.0	0.133	0.098	0.069	0.113					50- 55	0.049	7.561
60.0	0.093	0.067	0.067	0.100					55- 60	0.042	7.602
65.0	0.092	0.097	0.056	0.084					60- 65	0.038	7.641
70.0	0.091	0.060	0.062	0.091					65- 70	0.042	7.683
75.0	0.031	0.012	0.023	0.061					70- 75	0.027	7.710
80.0	0.031	0.017	0.016	0.034					75- 80	0.014	7.724
85.0	0.033	0.022	0.020	0.039					80- 85	0.014	7.738
90.0	0.034	0.023	0.023	0.038					85- 90	0.016	7.754
95.0	0.028	0.018	0.020	0.036					90- 95	0.015	7.769
100.0	0.020	0.008	0.014	0.033					95-100	0.012	7.781
105.0	0.021	0.012	0.012	0.024					100-105	0.009	7.790
110.0	0.024	0.015	0.016	0.026					105-110	0.010	7.800
115.0	0.022	0.019	0.015	0.022					110-115	0.010	7.810
120.0	0.019	0.011	0.015	0.025					115-120	0.009	7.819
125.0	0.018	0.016	0.013	0.025					120-125	0.008	7.827
130.0	0.021	0.015	0.014	0.020					125-130	0.007	7.834
135.0	0.018	0.019	0.007	0.022					130-135	0.007	7.841
140.0	0.018	0.012	0.002	0.021					135-140	0.005	7.846
145.0	0.013	0.006	0	0.022					140-145	0.004	7.850
150.0	0.004	0.002	0.001	0.017					145-150	0.002	7.853
155.0	0.016	0.023	0.015	0.017					150-155	0.002	7.855
160.0	0.056	0.075	0.044	0.039					155-160	0.007	7.862
165.0	0.091	0.077	0.082	0.075					160-165	0.011	7.873
170.0	0.056	0.031	0.065	0.081					165-170	0.009	7.882
175.0	0.001	0	0.016	0.032					170-175	0.003	7.885
180.0	0	0	0	0					175-180	0.000	7.885
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:

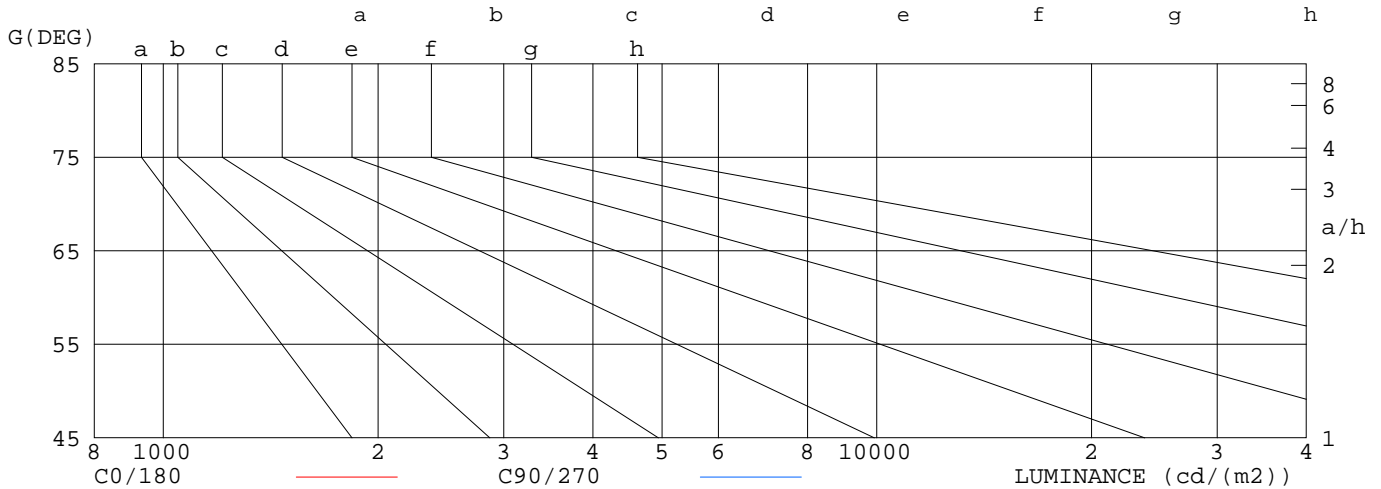
LUMINANCE LIMITATION CURVES

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	4	3
80	2	1
75	1	0
70	3	2
65	2	2
60	2	1
55	2	2
50	2	1
45	3	2

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

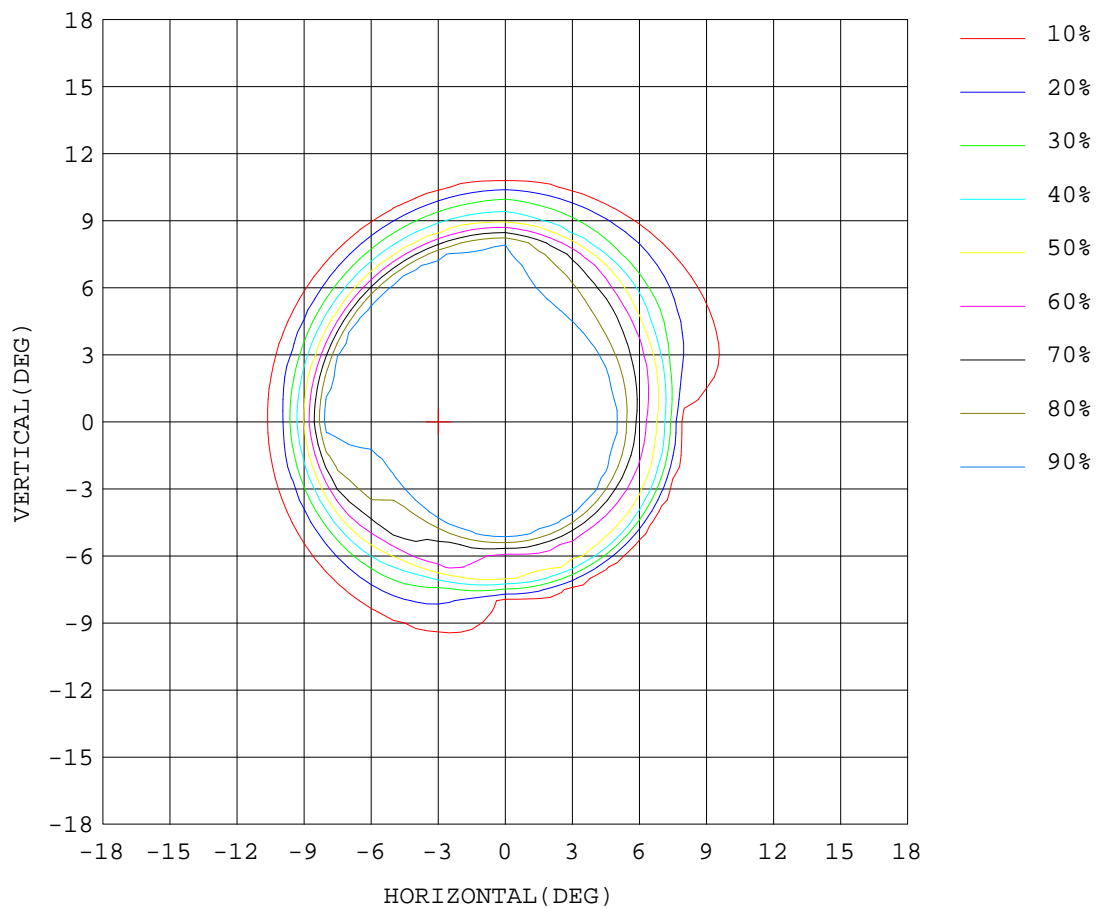
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



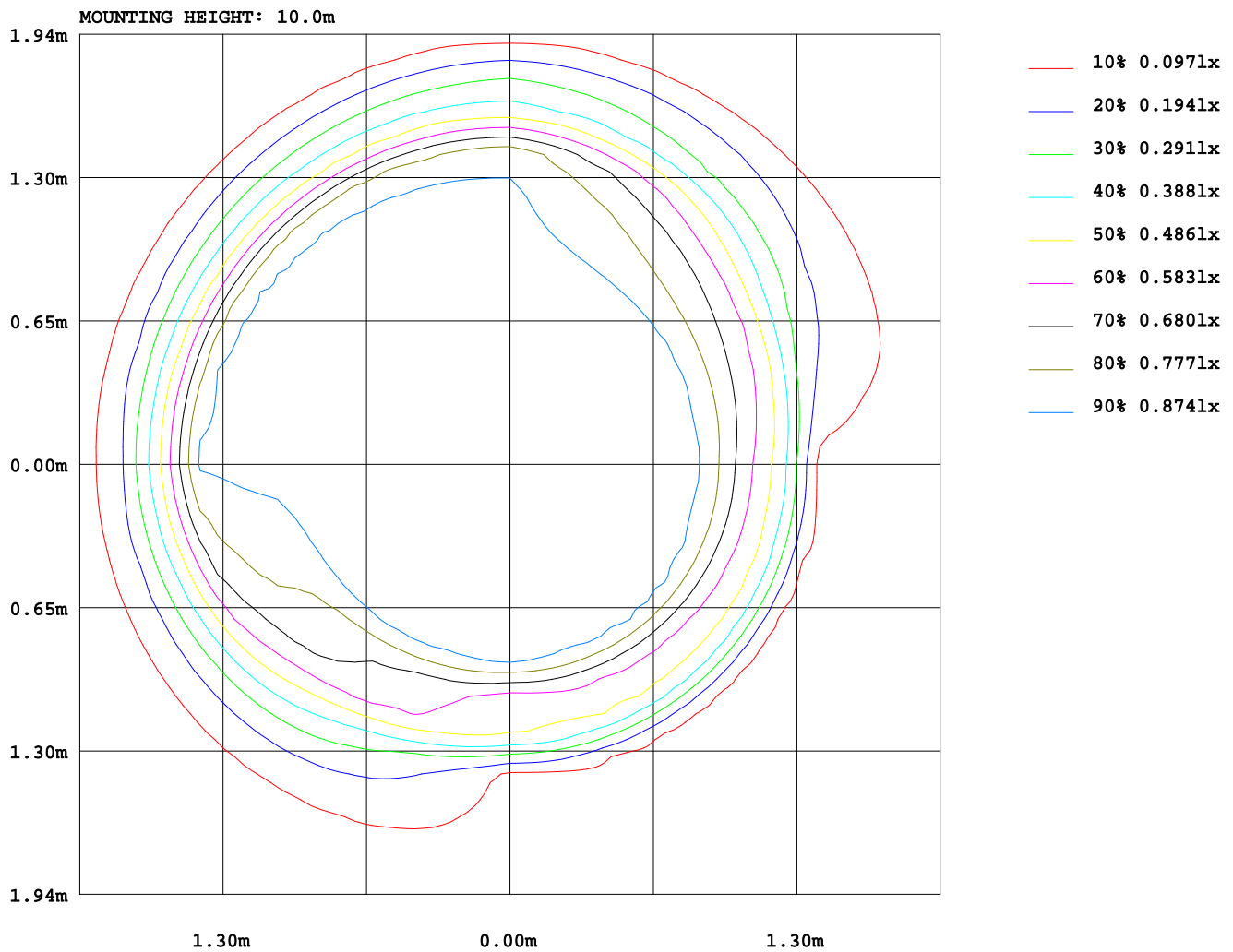
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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.:				

18	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	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	0.00	0.00	0.00	0.00	0.04	0.00		
16	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	0.00	0.00	0.00	0.00	0.05	0.00		
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00		
12	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.09	0.02		
10	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.05	0.06	0.06	0.04	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.30	0.24		
8	0.00	0.00	0.00	0.01	0.01	0.03	0.08	0.11	0.11	0.10	0.08	0.05	0.02	0.01	0.01	0.00	0.00	0.00	0.63	0.59		
6	0.00	0.00	0.00	0.01	0.02	0.08	0.11	0.11	0.11	0.11	0.10	0.08	0.03	0.01	0.01	0.00	0.00	0.00	0.81	0.77		
	0.00	0.00	0.00	0.01	0.04	0.11	0.11	0.12	0.12	0.12	0.11	0.09	0.05	0.01	0.01	0.00	0.00	0.00	0.92	0.88		
	0.00	0.00	0.01	0.01	0.06	0.11	0.11	0.12	0.12	0.12	0.12	0.10	0.05	0.01	0.01	0.01	0.00	0.00	0.96	0.91		
	0.00	0.00	0.01	0.01	0.06	0.11	0.11	0.12	0.12	0.12	0.12	0.10	0.05	0.01	0.01	0.01	0.00	0.00	0.93	0.89		
	0.00	0.00	0.01	0.01	0.03	0.09	0.10	0.11	0.12	0.11	0.11	0.08	0.03	0.01	0.01	0.01	0.00	0.00	0.84	0.79		
	0.00	0.00	0.00	0.01	0.02	0.05	0.08	0.09	0.10	0.10	0.08	0.05	0.01	0.01	0.01	0.01	0.00	0.00	0.62	0.57		
-6	0.00	0.00	0.00	0.01	0.01	0.02	0.04	0.05	0.05	0.05	0.03	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.30	0.23		
-8	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.12	0.02		
-10	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.10	0.00		
-12	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.09	0.00		
-14	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.07	0.00		
-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00		
-18																						
	-18	-16	-14	-12	-10	-8	-6	-4	HORIZONTAL(DEG)					4	6	8	10	12	14	16	18	
Φ t	0.03	0.04	0.06	0.09	0.28	0.64	0.82	0.93	0.97	0.95	0.85	0.63	0.29	0.12	0.09	0.07	0.06	0.05	8			
Φ a	0.00	0.00	0.00	0.01	0.23	0.59	0.77	0.88	0.92	0.90	0.79	0.57	0.23	0.03	0.00	0.00	0.00	0.00		6		

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

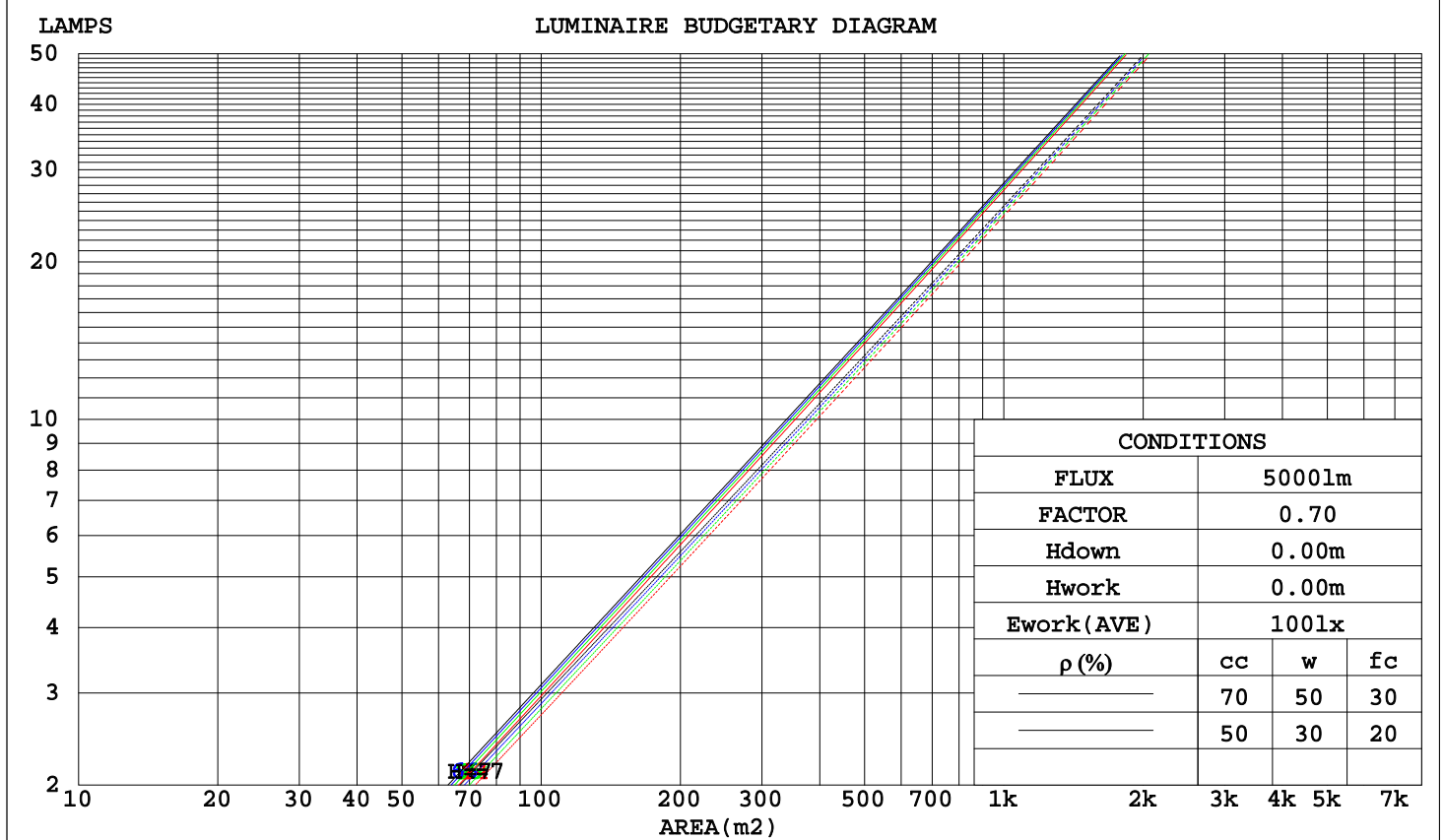
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

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						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.13	1.11	1.10	1.11	1.09	1.08	1.07	1.05	1.04	1.03	1.02	1.01	.99	.98	.98	.96
2.0	1.09	1.06	1.04	1.07	1.05	1.03	1.04	1.02	1.00	1.01	.99	.98	.98	.97	.96	.94
3.0	1.05	1.02	.00	1.04	1.01	.99	1.01	.99	.97	.99	.97	.96	.97	.95	.94	.93
4.0	1.03	.99	.97	1.01	.99	.96	.99	.97	.95	.97	.95	.94	.96	.94	.93	.92
5.0	1.00	.97	.95	.99	.96	.94	.98	.95	.93	.96	.94	.92	.95	.93	.91	.90
6.0	.98	.95	.93	.98	.95	.92	.96	.94	.92	.95	.93	.91	.94	.92	.90	.89
7.0	.97	.93	.91	.96	.93	.91	.95	.92	.90	.94	.92	.90	.93	.91	.89	.89
8.0	.95	.92	.90	.95	.92	.90	.94	.91	.89	.93	.91	.89	.92	.90	.89	.88
9.0	.94	.91	.89	.93	.91	.89	.93	.90	.88	.92	.90	.88	.91	.89	.88	.87
10.0	.93	.90	.88	.92	.90	.88	.92	.89	.88	.91	.89	.87	.90	.88	.87	.86



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.:			

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	.124	.070	.022	.117	.067	.021	.103	.059	.019	.091	.053	.017	.080	.046	.015		
2.0	.111	.061	.019	.105	.058	.018	.094	.052	.016	.084	.047	.015	.075	.042	.013		
3.0	.100	.053	.016	.096	.051	.015	.086	.047	.014	.078	.043	.013	.070	.039	.012		
4.0	.092	.048	.014	.087	.046	.014	.080	.042	.013	.073	.039	.012	.066	.036	.011		
5.0	.084	.043	.012	.081	.041	.012	.074	.039	.011	.068	.036	.011	.062	.033	.010		
6.0	.078	.039	.011	.075	.038	.011	.069	.035	.010	.064	.033	.010	.059	.031	.009		
7.0	.072	.036	.010	.070	.035	.010	.065	.033	.009	.060	.031	.009	.056	.029	.009		
8.0	.067	.033	.009	.065	.032	.009	.061	.030	.009	.057	.029	.008	.053	.027	.008		
9.0	.063	.031	.009	.061	.030	.008	.058	.028	.008	.054	.027	.008	.051	.026	.007		
10.0	.059	.028	.008	.058	.028	.008	.054	.027	.008	.051	.026	.007	.048	.024	.007		

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	.203	.203	.203	.174	.174	.174	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.180	.170	.162	.154	.146	.139	.105	.101	.096	.061	.058	.056	.019	.019	.018	
2.0	.161	.146	.133	.138	.125	.115	.094	.087	.080	.054	.050	.047	.017	.016	.015	
3.0	.145	.126	.111	.124	.109	.096	.085	.076	.068	.049	.044	.040	.016	.014	.013	
4.0	.131	.110	.095	.112	.095	.082	.077	.066	.058	.045	.039	.034	.014	.013	.011	
5.0	.119	.098	.082	.102	.085	.071	.071	.059	.050	.041	.035	.030	.013	.011	.010	
6.0	.109	.087	.072	.094	.076	.062	.065	.053	.044	.038	.031	.026	.012	.010	.009	
7.0	.101	.079	.064	.087	.068	.055	.060	.048	.039	.035	.028	.023	.011	.009	.008	
8.0	.093	.072	.057	.080	.062	.050	.056	.044	.035	.032	.026	.021	.010	.008	.007	
9.0	.087	.066	.051	.075	.057	.045	.052	.040	.032	.030	.024	.019	.010	.008	.006	
10.0	.081	.061	.047	.070	.053	.041	.049	.037	.029	.028	.022	.017	.009	.007	.006	

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	2H	-17.1	-16.6	-16.9	-16.5	-16.3	-18.4	-17.9	-18.2	-17.7	-17.6
	3H	-14.5	-14.0	-14.2	-13.8	-13.6	-15.7	-15.2	-15.5	-15.0	-14.8
	4H	-14.2	-13.8	-14.0	-13.5	-13.3	-15.7	-15.3	-15.4	-15.0	-14.8
	6H	-13.9	-13.5	-13.6	-13.2	-13.0	-15.6	-15.1	-15.3	-14.9	-14.6
	8H	-13.6	-13.2	-13.3	-12.9	-12.6	-15.3	-14.9	-15.0	-14.6	-14.4
	12H	-13.1	-12.7	-12.8	-12.4	-12.1	-15.0	-14.6	-14.7	-14.3	-14.0
4H	2H	-16.3	-15.8	-16.0	-15.6	-15.4	-17.1	-16.7	-16.9	-16.4	-16.2
	3H	-13.7	-13.3	-13.4	-13.0	-12.7	-14.7	-14.3	-14.4	-14.0	-13.7
	4H	-13.5	-13.1	-13.1	-12.8	-12.4	-14.7	-14.3	-14.4	-14.0	-13.7
	6H	-13.1	-12.7	-12.7	-12.4	-12.0	-14.5	-14.2	-14.1	-13.8	-13.4
	8H	-12.6	-12.3	-12.2	-11.9	-11.5	-14.2	-13.9	-13.8	-13.5	-13.1
	12H	-12.0	-11.7	-11.5	-11.3	-10.9	-13.8	-13.5	-13.3	-13.1	-12.6
8H	4H	-13.4	-13.1	-13.0	-12.7	-12.3	-14.6	-14.3	-14.2	-13.9	-13.5
	6H	-12.9	-12.6	-12.4	-12.2	-11.7	-14.2	-14.0	-13.8	-13.5	-13.1
	8H	-12.2	-12.0	-11.8	-11.6	-11.1	-13.7	-13.5	-13.3	-13.0	-12.6
	12H	-11.3	-11.1	-10.8	-10.6	-10.1	-13.0	-12.8	-12.5	-12.4	-11.9
12H	4H	-13.5	-13.2	-13.0	-12.8	-12.3	-14.6	-14.3	-14.2	-13.9	-13.5
	6H	-12.8	-12.6	-12.4	-12.1	-11.7	-14.1	-13.9	-13.6	-13.4	-13.0
	8H	-12.1	-11.9	-11.6	-11.4	-10.9	-13.5	-13.3	-13.0	-12.8	-12.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.3					
1.5H	+ 0.3 / - 0.5					+ 0.7 / - 1.1					
2.0H	+ 1.0 / - 0.9					+ 0.6 / - 0.9					

CIE Pub.117 Corrected 7.885 lm Total Lamp Luminous Flux.(8log(F/F0) = -16.8)

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	88	82	78	87	81	78	86	81	78	74
0.80	95	89	86	94	89	85	93	88	85	81
1.00	99	93	90	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	88
1.50	105	101	97	104	100	97	102	98	95	91
2.00	108	104	100	106	103	100	103	100	98	92
2.50	110	106	103	108	104	102	105	102	100	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	107	105	104	96
5.00	115	112	110	112	110	109	108	107	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

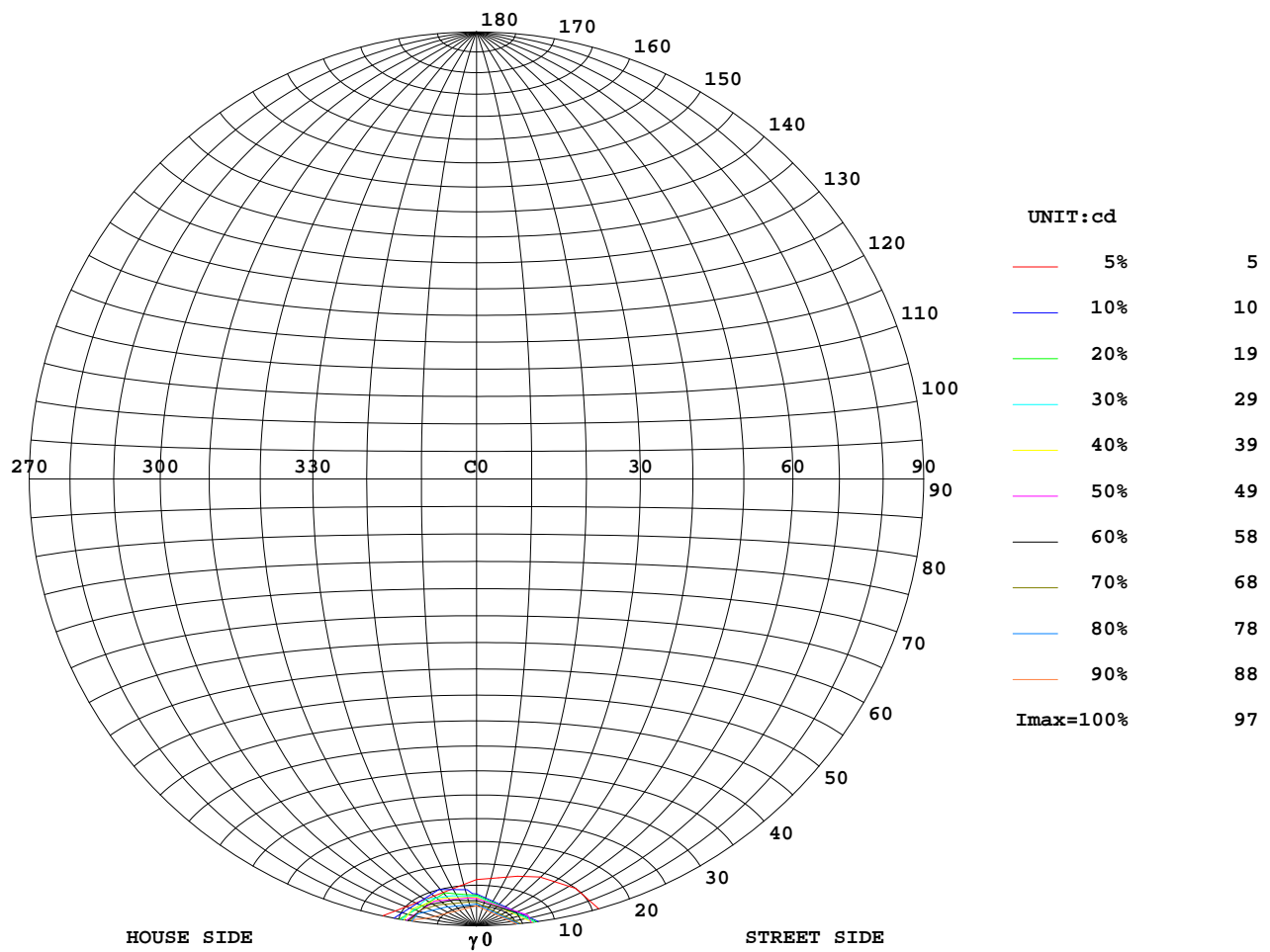
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

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

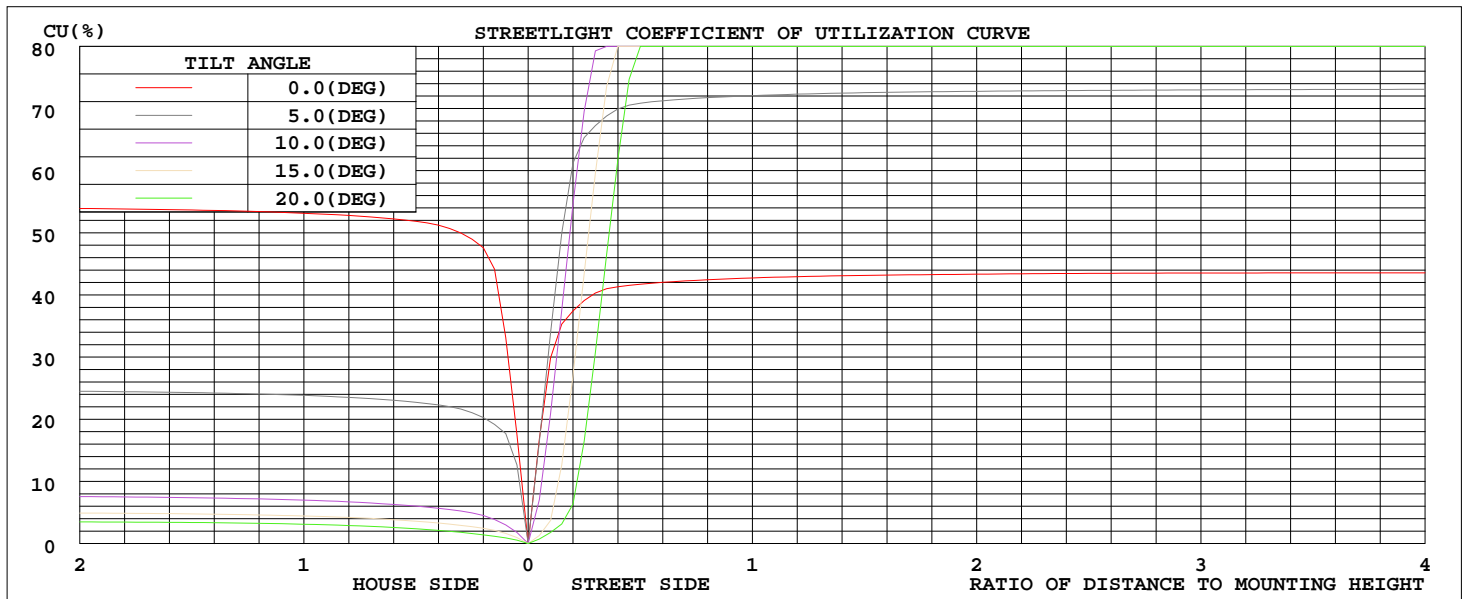
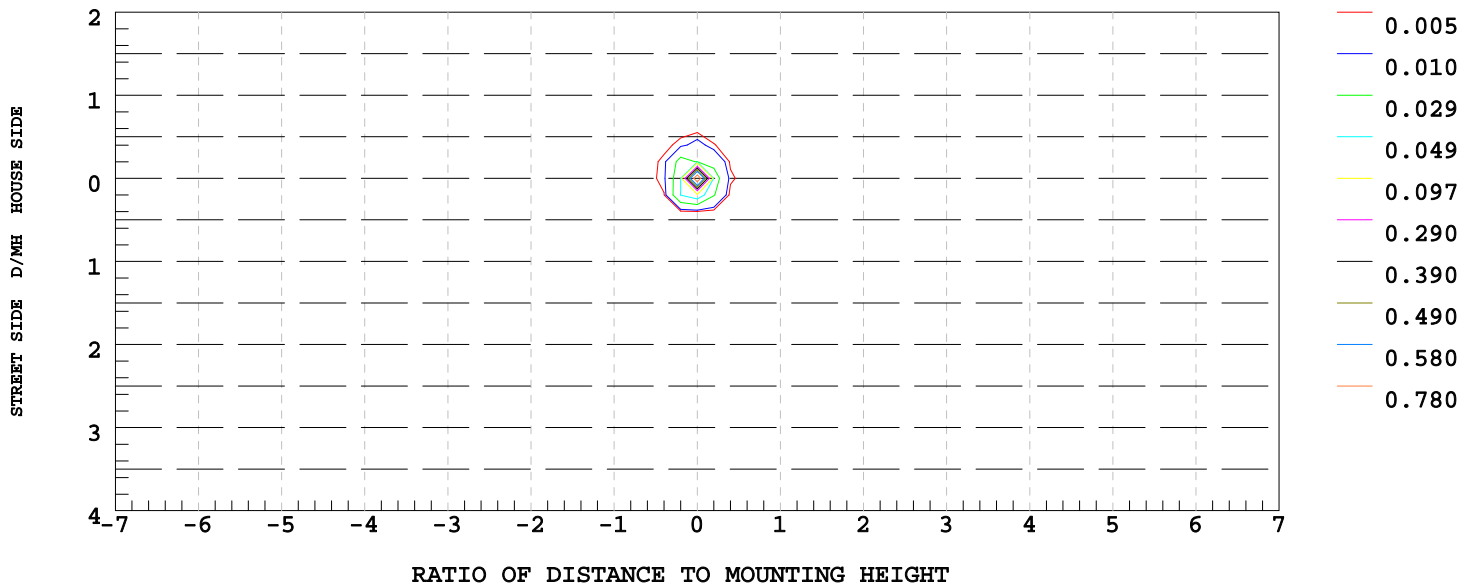
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.97 lx



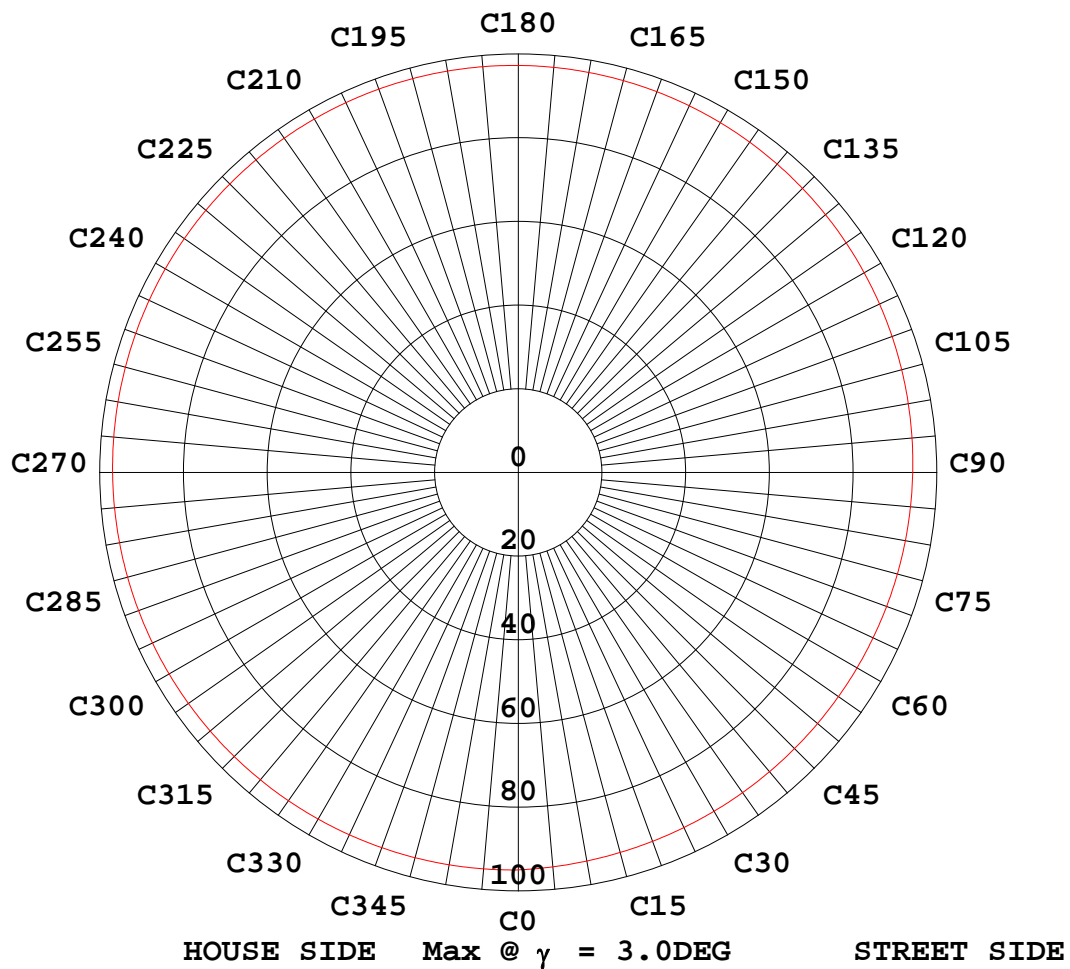
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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:

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	97.0	96.7	97.0	96.7
5.0	87.7	92.7	93.8	93.5
10.0	5.51	6.62	17.6	28.5
15.0	3.91	5.23	2.69	3.42
20.0	1.08	0.91	1.55	1.94
25.0	0.51	0.35	0.32	0.66
30.0	0.31	0.21	0.23	0.36
35.0	0.25	0.16	0.19	0.27
40.0	0.17	0.12	0.11	0.20
45.0	0.20	0.16	0.12	0.16
50.0	0.14	0.08	0.10	0.18
55.0	0.13	0.10	0.07	0.11
60.0	0.09	0.07	0.07	0.10
65.0	0.09	0.10	0.06	0.08
70.0	0.09	0.06	0.06	0.09
75.0	0.03	0.01	0.02	0.06
80.0	0.03	0.02	0.02	0.03
85.0	0.03	0.02	0.02	0.04
90.0	0.03	0.02	0.02	0.04
95.0	0.03	0.02	0.02	0.04
100.0	0.02	0.01	0.01	0.03
105.0	0.02	0.01	0.01	0.02
110.0	0.02	0.01	0.02	0.03
115.0	0.02	0.02	0.01	0.02
120.0	0.02	0.01	0.01	0.03
125.0	0.02	0.02	0.01	0.03
130.0	0.02	0.01	0.01	0.02
135.0	0.02	0.02	0.01	0.02
140.0	0.02	0.01	0.00	0.02
145.0	0.01	0.01	0.00	0.02
150.0	0.00	0.00	0.00	0.02
155.0	0.02	0.02	0.01	0.02
160.0	0.06	0.08	0.04	0.04
165.0	0.09	0.08	0.08	0.08
170.0	0.06	0.03	0.06	0.08
175.0	0.00	0.00	0.02	0.03
180.0	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: