

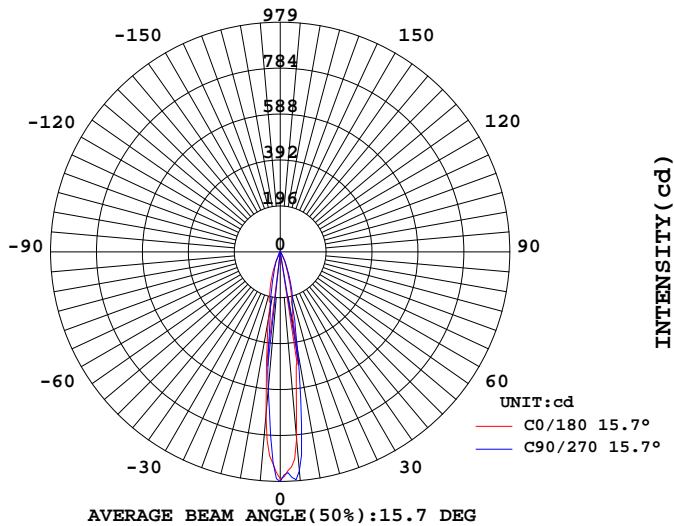
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

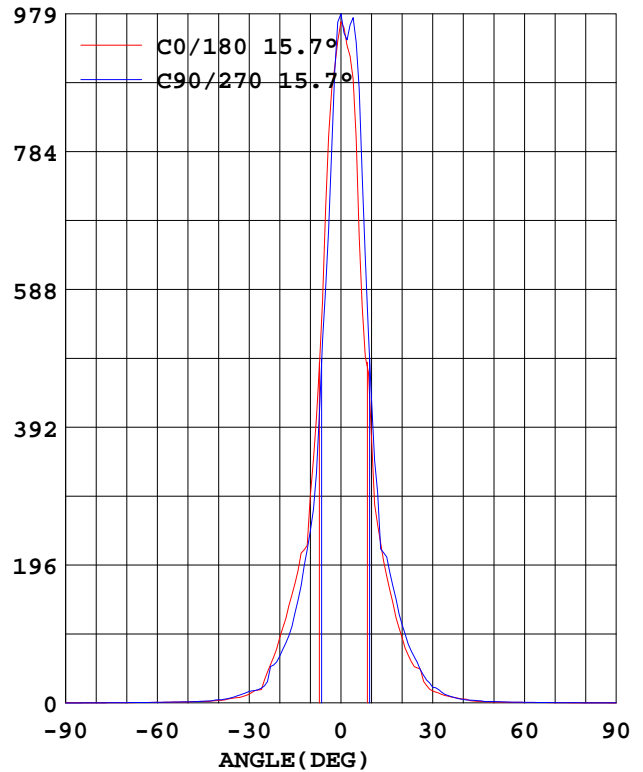
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	979.4	S/MH(C0/180)	0.24
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.22
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	134.4	Voltage(V)	12.02
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	40.8	Current(A)	0.363
NOMINAL FLUX(lm)	134.4	η up(%)	0.5	Power(W)	3.290
LAMPS QUANTITY	1	η down(%)	99.5	Power Factor(PF)	0.753
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	103.0	EEI	0.235

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.:

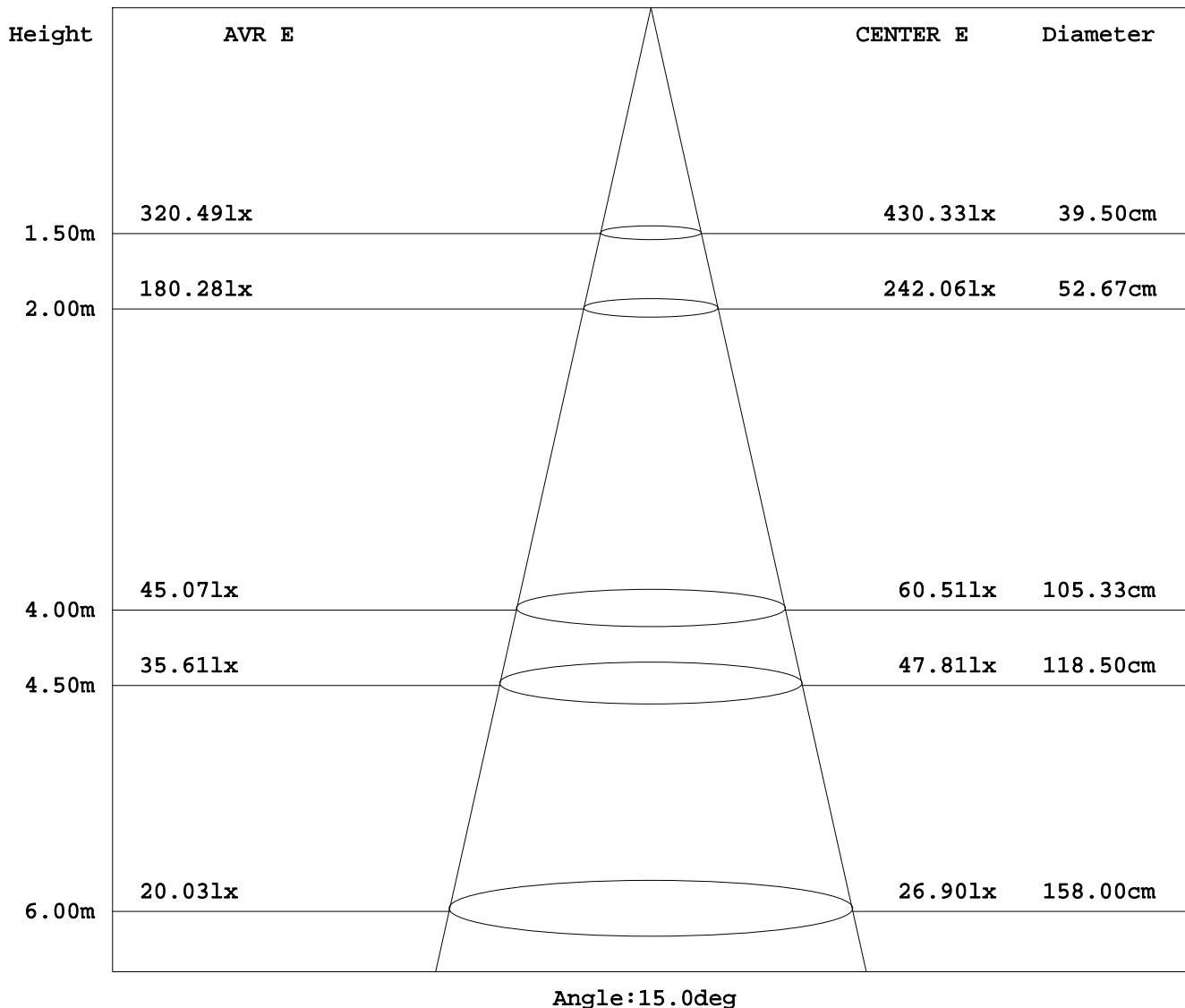
Test System:HOPOO HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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: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	701.9	588.2	802.2	938.9					0- 5	20.53	20.53
10.0	292.5	243.3	375.7	430.2					5- 10	35.89	56.43
15.0	170.0	128.1	179.8	207.2					10- 15	26.84	83.27
20.0	92.40	66.21	92.76	111.0					15- 20	20.84	104.1
25.0	32.54	24.24	49.76	57.36					20- 25	13.18	117.3
30.0	12.29	16.33	16.89	22.17					25- 30	6.630	123.9
35.0	6.854	8.343	9.564	10.47					30- 35	3.723	127.6
40.0	3.419	4.406	5.410	4.927					35- 40	2.113	129.7
45.0	2.158	2.380	2.084	3.167					40- 45	1.217	130.9
50.0	1.538	1.495	1.279	1.933					45- 50	0.778	131.7
55.0	1.137	1.190	0.856	1.160					50- 55	0.567	132.3
60.0	0.757	0.844	0.668	0.895					55- 60	0.429	132.7
65.0	0.540	0.611	0.530	0.609					60- 65	0.327	133.0
70.0	0.378	0.443	0.367	0.451					65- 70	0.250	133.3
75.0	0.254	0.265	0.225	0.318					70- 75	0.177	133.5
80.0	0.147	0.124	0.115	0.209					75- 80	0.109	133.6
85.0	0.046	0	0.032	0.101					80- 85	0.050	133.6
90.0	0.017	0	0	0.028					85- 90	0.013	133.6
95.0	0.011	0	0	0.017					90- 95	0.004	133.6
100.0	0.010	0	0	0.008					95-100	0.003	133.6
105.0	0.008	0	0	0.010					100-105	0.003	133.6
110.0	0.005	0	0	0.013					105-110	0.002	133.6
115.0	0.006	0.003	0	0.007					110-115	0.002	133.7
120.0	0.006	0.007	0.002	0.014					115-120	0.003	133.7
125.0	0.011	0.012	0.008	0.014					120-125	0.005	133.7
130.0	0.019	0.023	0.018	0.021					125-130	0.007	133.7
135.0	0.036	0.048	0.037	0.034					130-135	0.011	133.7
140.0	0.071	0.100	0.081	0.057					135-140	0.020	133.7
145.0	0.143	0.195	0.168	0.104					140-145	0.037	133.7
150.0	0.281	0.342	0.334	0.192					145-150	0.063	133.8
155.0	0.492	0.570	0.574	0.369					150-155	0.097	133.9
160.0	0.790	0.810	0.878	0.645					155-160	0.133	134.0
165.0	1.019	0.753	1.105	0.970					160-165	0.146	134.2
170.0	0.798	0.497	0.922	1.068					165-170	0.110	134.3
175.0	0.469	0.349	0.567	0.763					170-175	0.049	134.3
180.0	0.402	0.415	0.402	0.415					175-180	0.011	134.3
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:

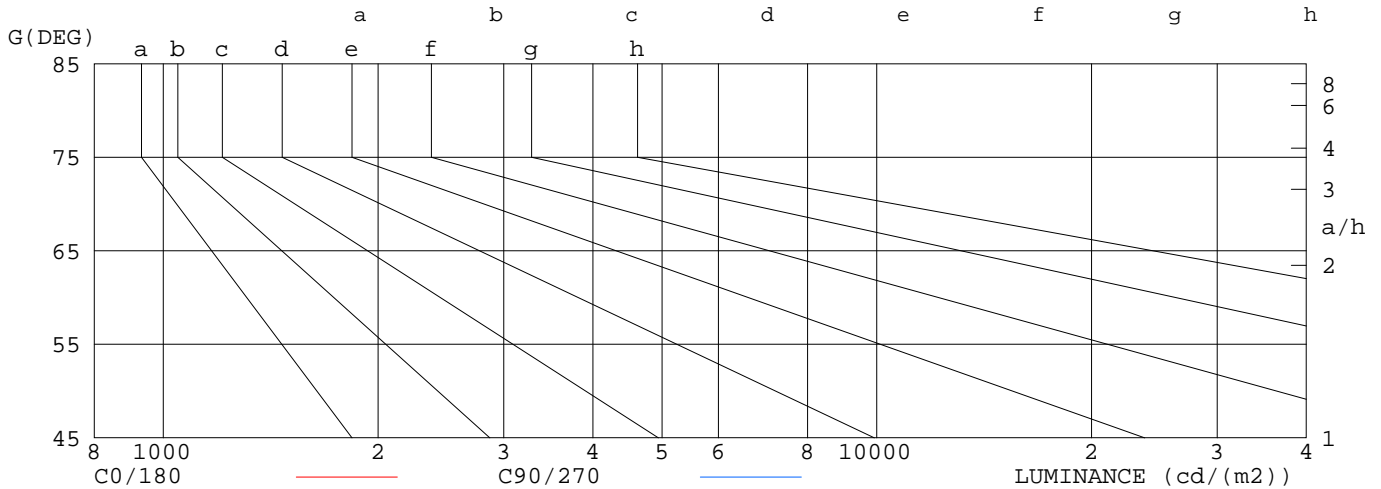
LUMINANCE LIMITATION CURVES

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/m^2		
G (DEG)	C0/180	C90/270
85	5	0
80	8	7
75	10	10
70	11	13
65	13	14
60	15	17
55	20	21
50	24	23
45	31	34

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

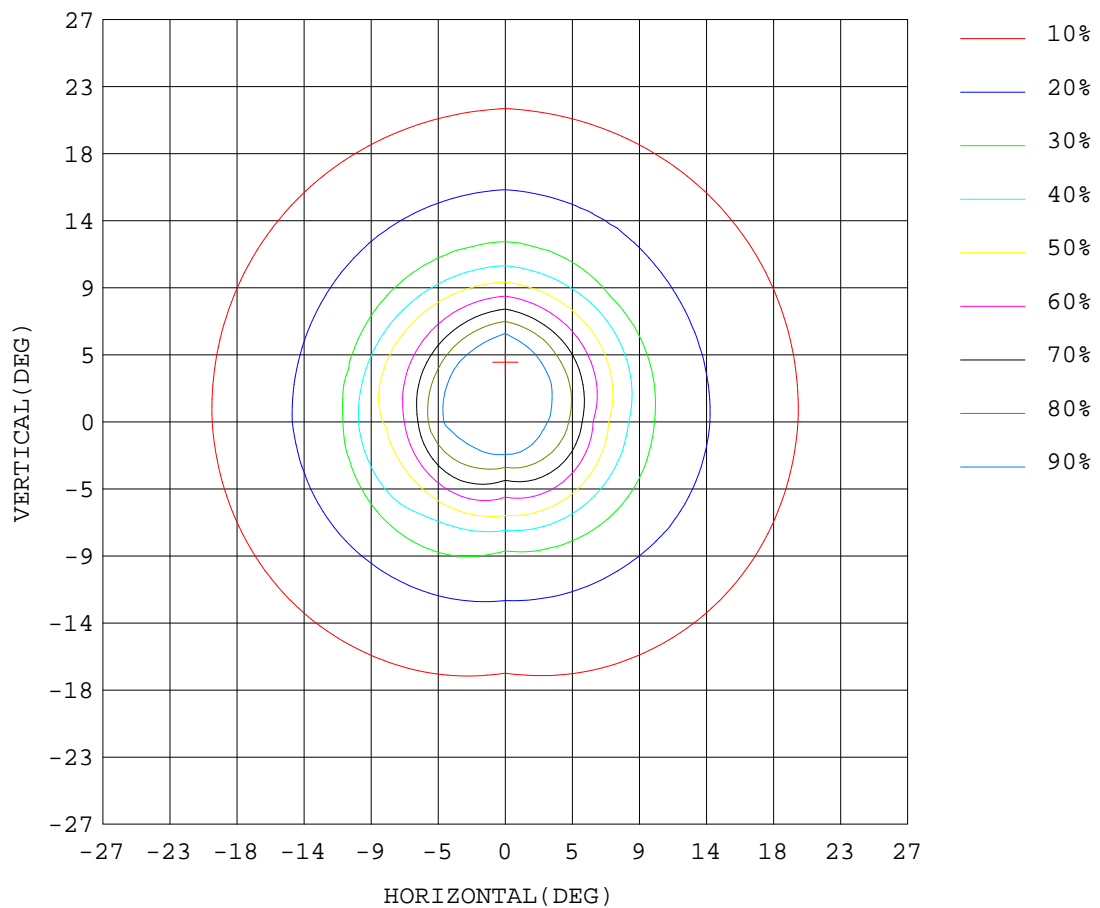
Test Set: 10.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



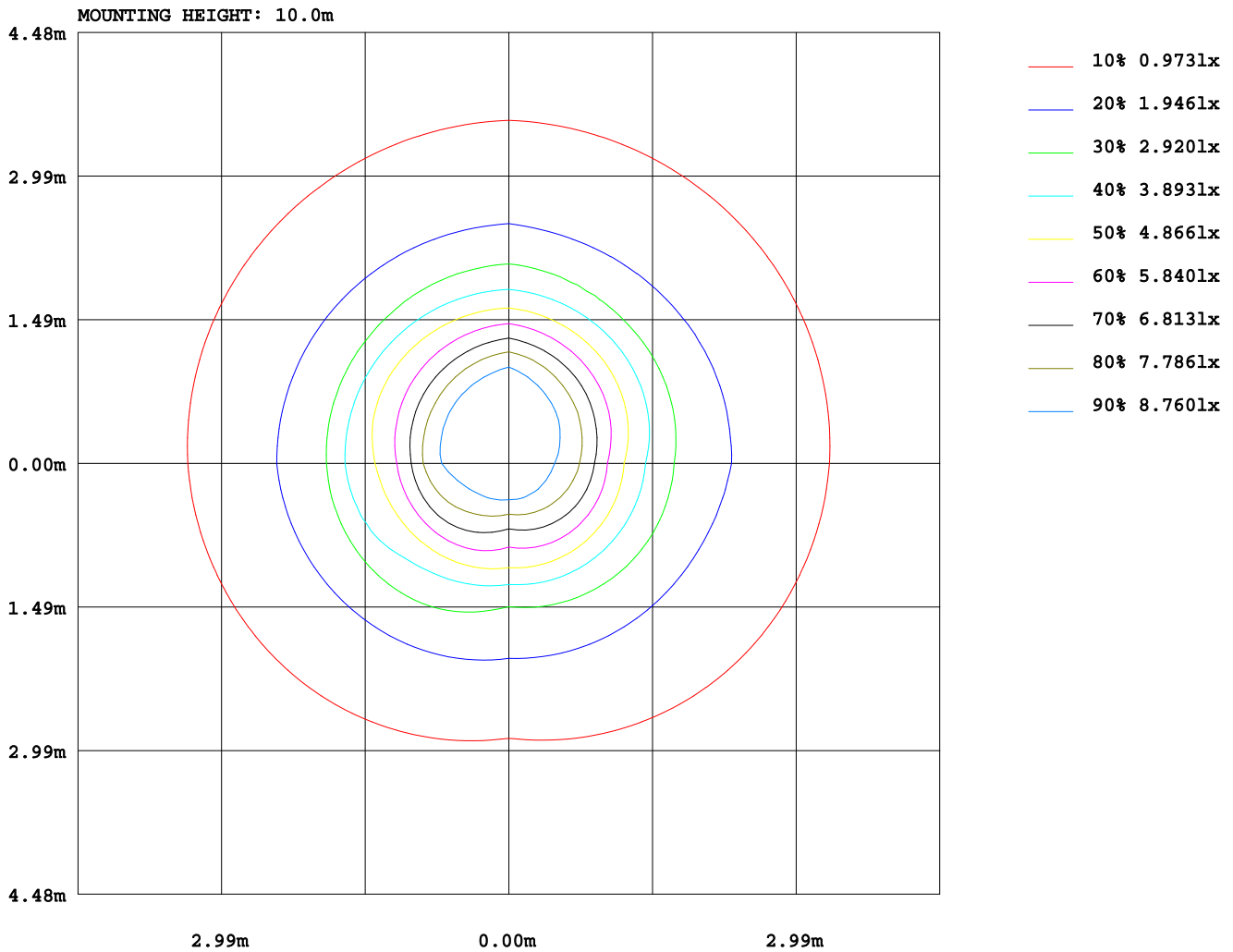
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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.:				

27	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.03	0.04	0.06	0.07	0.09	0.12	0.13	0.14	0.14	0.13	0.11	0.09	0.07	0.05	0.04	0.03	0.02	1.37	0.00		
24	0.03	0.04	0.06	0.08	0.12	0.15	0.18	0.20	0.21	0.21	0.20	0.17	0.14	0.10	0.07	0.05	0.04	0.03	2.10	0.00		
21	0.04	0.06	0.09	0.13	0.17	0.21	0.26	0.30	0.32	0.32	0.30	0.26	0.21	0.16	0.11	0.07	0.05	0.03	3.09	1.38		
18	0.05	0.08	0.13	0.17	0.23	0.30	0.38	0.44	0.47	0.47	0.44	0.38	0.30	0.23	0.16	0.10	0.06	0.04	4.43	3.18		
15	0.06	0.11	0.16	0.22	0.31	0.42	0.51	0.57	0.61	0.61	0.56	0.50	0.41	0.31	0.22	0.14	0.08	0.05	5.86	4.82		
12	0.08	0.13	0.19	0.28	0.40	0.52	0.65	0.86	1.04	1.02	0.82	0.63	0.51	0.40	0.28	0.18	0.11	0.05	8.16	7.31		
9	0.10	0.15	0.22	0.34	0.48	0.64	0.97	1.42	1.78	1.75	1.32	0.87	0.60	0.46	0.33	0.22	0.13	0.06	11.8	11.0		
VERTICAL (DEG)	0.11	0.16	0.25	0.38	0.53	0.79	1.33	1.96	2.48	2.43	1.84	1.16	0.69	0.51	0.37	0.24	0.15	0.07	15.4	14.7		
	0.11	0.16	0.26	0.40	0.57	0.90	1.48	2.25	2.58	2.53	2.06	1.26	0.73	0.53	0.38	0.26	0.15	0.07	16.7	16.0		
	0.11	0.16	0.25	0.39	0.56	0.86	1.37	2.07	2.44	2.39	1.88	1.15	0.69	0.52	0.37	0.25	0.15	0.07	15.7	15.0		
	0.10	0.15	0.23	0.35	0.50	0.70	1.09	1.50	1.77	1.72	1.38	0.92	0.61	0.47	0.34	0.23	0.14	0.06	12.2	11.5		
	0.09	0.13	0.20	0.29	0.41	0.56	0.76	0.96	1.05	1.02	0.87	0.66	0.52	0.40	0.29	0.20	0.12	0.05	8.58	7.74		
-9	0.07	0.11	0.16	0.24	0.33	0.43	0.53	0.62	0.65	0.63	0.58	0.50	0.41	0.32	0.23	0.16	0.08	0.04	6.10	5.12		
-12	0.05	0.09	0.13	0.18	0.24	0.31	0.37	0.42	0.44	0.43	0.41	0.37	0.31	0.24	0.18	0.12	0.06	0.04	4.38	3.18		
-15	0.04	0.06	0.10	0.13	0.18	0.22	0.26	0.28	0.29	0.29	0.28	0.26	0.22	0.18	0.13	0.07	0.05	0.03	3.05	1.05		
-18	0.03	0.05	0.06	0.09	0.12	0.16	0.18	0.19	0.20	0.20	0.19	0.18	0.15	0.11	0.07	0.05	0.04	0.03	2.10	0.00		
-21	0.03	0.04	0.05	0.06	0.08	0.09	0.11	0.13	0.14	0.14	0.13	0.11	0.08	0.06	0.05	0.04	0.03	0.02	1.37	0.00		
-24	0.02	0.03	0.04	0.04	0.05	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.05	0.04	0.04	0.03	0.02	0.02	0.82	0.00		
-27	-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)				6	9	12	15	18	21	24	27		
Φ t	1.14	1.73	2.60	3.83	5.35	7.41	10.6	14.3	16.7	16.4	13.4	9.55	6.72	5.11	3.68	2.44	1.46	0.78	134			
Φ a	0.00	0.00	0.61	2.42	4.17	6.37	9.71	13.5	15.8	15.5	12.6	8.66	5.72	4.00	2.38	0.52	0.00	0.00		103		

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

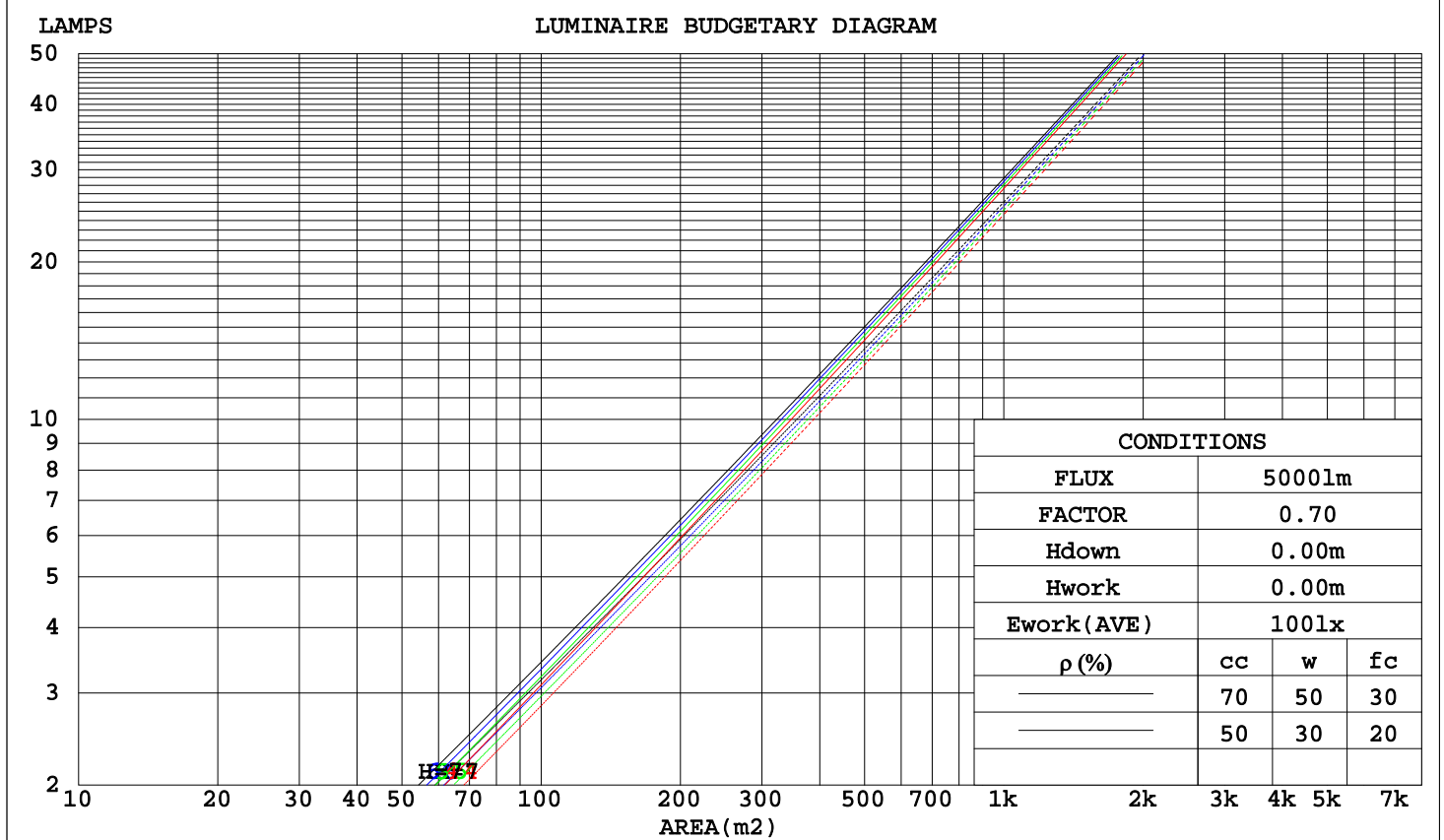
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

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
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.138	.078	.025	.131	.075	.024	.118	.068	.022	.107	.062	.020	.096	.056	.018	
2.0	.128	.070	.021	.122	.067	.021	.112	.062	.019	.102	.057	.018	.093	.053	.017	
3.0	.119	.063	.019	.114	.061	.018	.105	.057	.017	.097	.053	.016	.090	.050	.015	
4.0	.111	.058	.017	.107	.056	.017	.100	.053	.016	.093	.050	.015	.086	.047	.014	
5.0	.104	.053	.015	.101	.052	.015	.095	.049	.014	.089	.047	.014	.083	.044	.013	
6.0	.098	.049	.014	.095	.048	.014	.090	.046	.013	.085	.044	.013	.080	.042	.013	
7.0	.093	.046	.013	.091	.045	.013	.086	.043	.012	.081	.042	.012	.077	.040	.012	
8.0	.088	.043	.012	.086	.042	.012	.082	.041	.012	.078	.040	.011	.074	.038	.011	
9.0	.084	.041	.011	.082	.040	.011	.079	.039	.011	.075	.038	.011	.072	.036	.011	
10.0	.080	.039	.011	.079	.038	.011	.075	.037	.010	.072	.036	.010	.069	.035	.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	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.172	.162	.152	.148	.139	.131	.101	.095	.090	.058	.055	.053	.019	.018	.017	
2.0	.154	.137	.122	.132	.118	.105	.091	.081	.074	.052	.047	.043	.017	.015	.014	
3.0	.139	.117	.100	.120	.101	.087	.082	.070	.061	.047	.041	.036	.015	.013	.012	
4.0	.127	.102	.083	.109	.088	.072	.075	.061	.051	.043	.036	.030	.014	.012	.010	
5.0	.116	.090	.070	.100	.078	.061	.069	.054	.043	.040	.032	.026	.013	.010	.008	
6.0	.107	.080	.060	.092	.069	.052	.064	.048	.037	.037	.028	.022	.012	.009	.007	
7.0	.100	.071	.052	.086	.062	.045	.059	.043	.032	.034	.026	.019	.011	.008	.006	
8.0	.093	.065	.045	.080	.056	.039	.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	.071	.047	.031	.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		-9.2	-8.5	-9.0	-8.4	-8.2	-8.5	-7.8	-8.2	-7.7	-7.5
	3H	-8.8	-8.2	-8.6	-8.0	-7.8	-8.1	-7.5	-7.8	-7.3	-7.1
	4H	-8.7	-8.1	-8.4	-7.9	-7.7	-8.0	-7.4	-7.7	-7.2	-6.9
	6H	-8.6	-8.0	-8.3	-7.8	-7.5	-7.9	-7.4	-7.6	-7.1	-6.9
	8H	-8.6	-8.0	-8.3	-7.8	-7.5	-7.9	-7.4	-7.6	-7.2	-6.9
	12H	-8.6	-8.1	-8.3	-7.8	-7.5	-8.0	-7.5	-7.7	-7.2	-6.9
4H	2H	-9.1	-8.5	-8.8	-8.3	-8.0	-8.4	-7.8	-8.1	-7.6	-7.4
	3H	-8.6	-8.1	-8.2	-7.8	-7.5	-7.9	-7.4	-7.6	-7.1	-6.8
	4H	-8.3	-7.9	-8.0	-7.6	-7.3	-7.7	-7.2	-7.4	-7.0	-6.6
	6H	-8.2	-7.8	-7.8	-7.4	-7.1	-7.6	-7.2	-7.3	-6.9	-6.5
	8H	-8.2	-7.8	-7.8	-7.4	-7.1	-7.7	-7.3	-7.3	-6.9	-6.5
	12H	-8.2	-7.8	-7.8	-7.5	-7.1	-7.7	-7.4	-7.3	-7.0	-6.6
8H	4H	-8.3	-7.9	-7.9	-7.6	-7.2	-7.7	-7.3	-7.3	-7.0	-6.6
	6H	-8.1	-7.8	-7.7	-7.4	-7.0	-7.6	-7.3	-7.2	-6.9	-6.5
	8H	-8.1	-7.8	-7.6	-7.4	-6.9	-7.6	-7.3	-7.2	-6.9	-6.5
	12H	-8.1	-7.8	-7.6	-7.4	-6.9	-7.7	-7.4	-7.2	-7.0	-6.5
12H	4H	-8.4	-8.0	-8.0	-7.6	-7.2	-7.8	-7.4	-7.4	-7.0	-6.6
	6H	-8.2	-7.9	-7.7	-7.4	-7.0	-7.6	-7.4	-7.2	-6.9	-6.5
	8H	-8.1	-7.9	-7.6	-7.4	-6.9	-7.7	-7.4	-7.2	-7.0	-6.5
Variations with the observer position at spacings:											
S = 1.0H		+ 1.3 / - 1.3					+ 1.6 / - 1.4				
1.5H		+ 2.2 / - 0.9					+ 2.7 / - 1.2				
2.0H		+ 1.7 / - 1.1					+ 1.7 / - 1.2				

CIE Pub.117 Corrected 134.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -7.0)

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	89	83	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	87	95	90	87	84
1.00	101	95	92	100	95	92	98	94	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	105	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	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

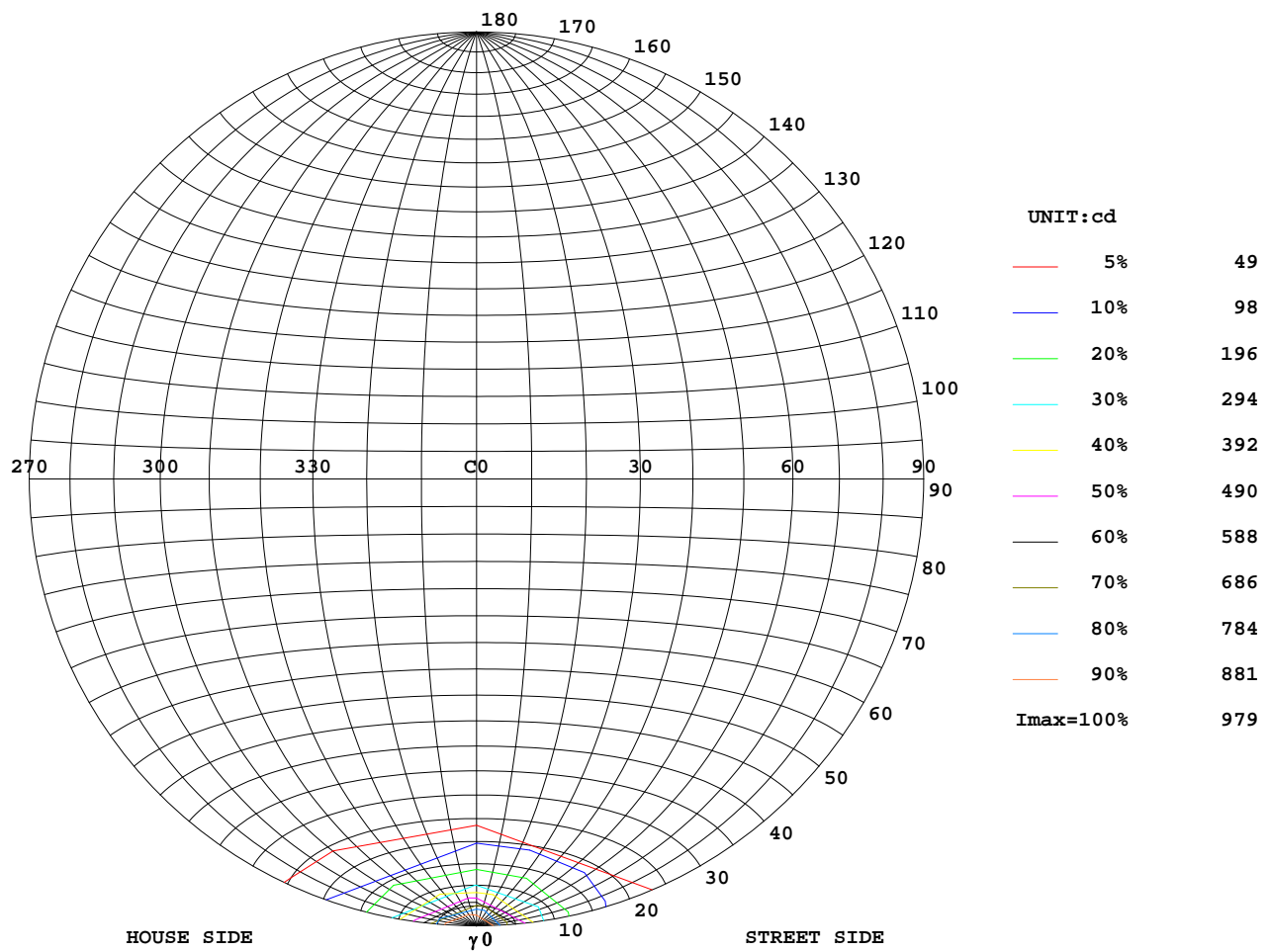
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

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

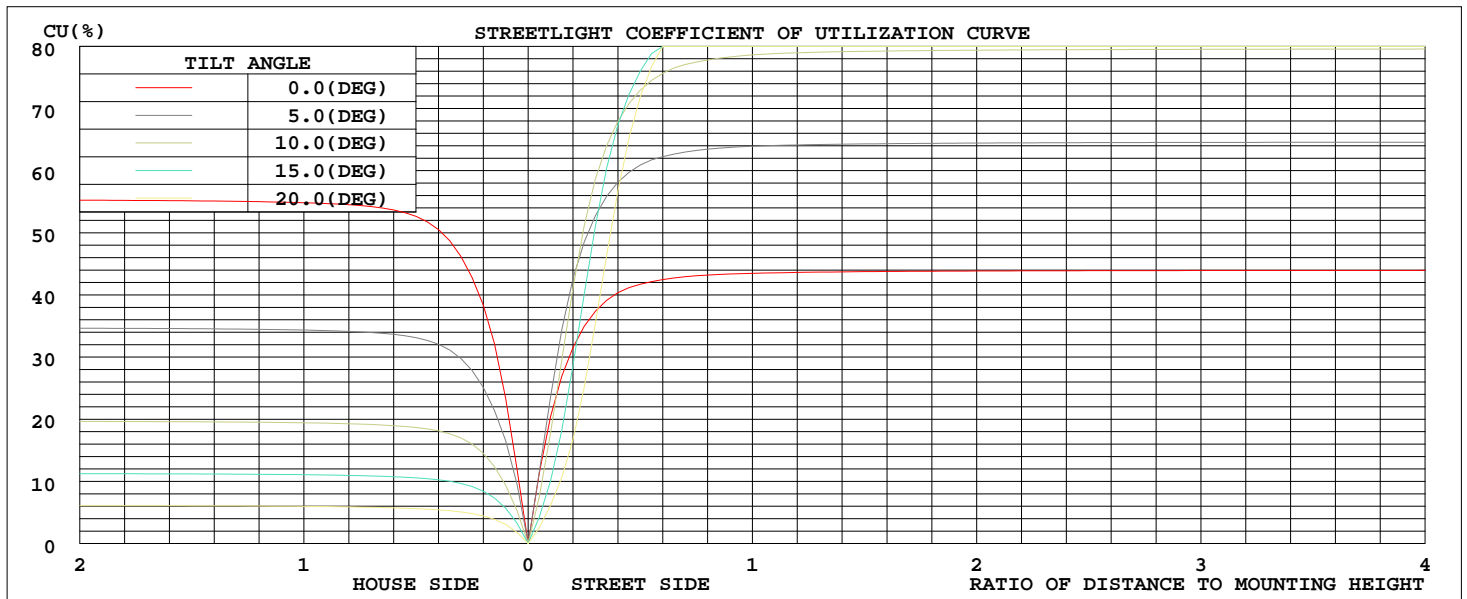
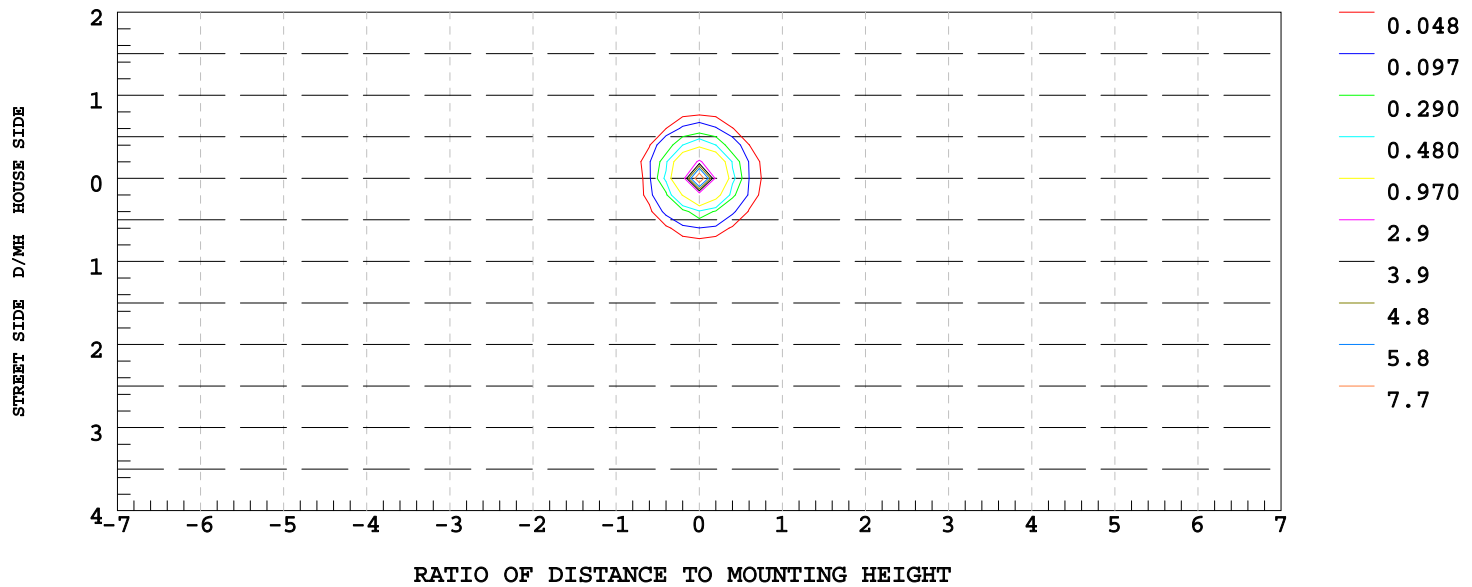
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 9.68 lx



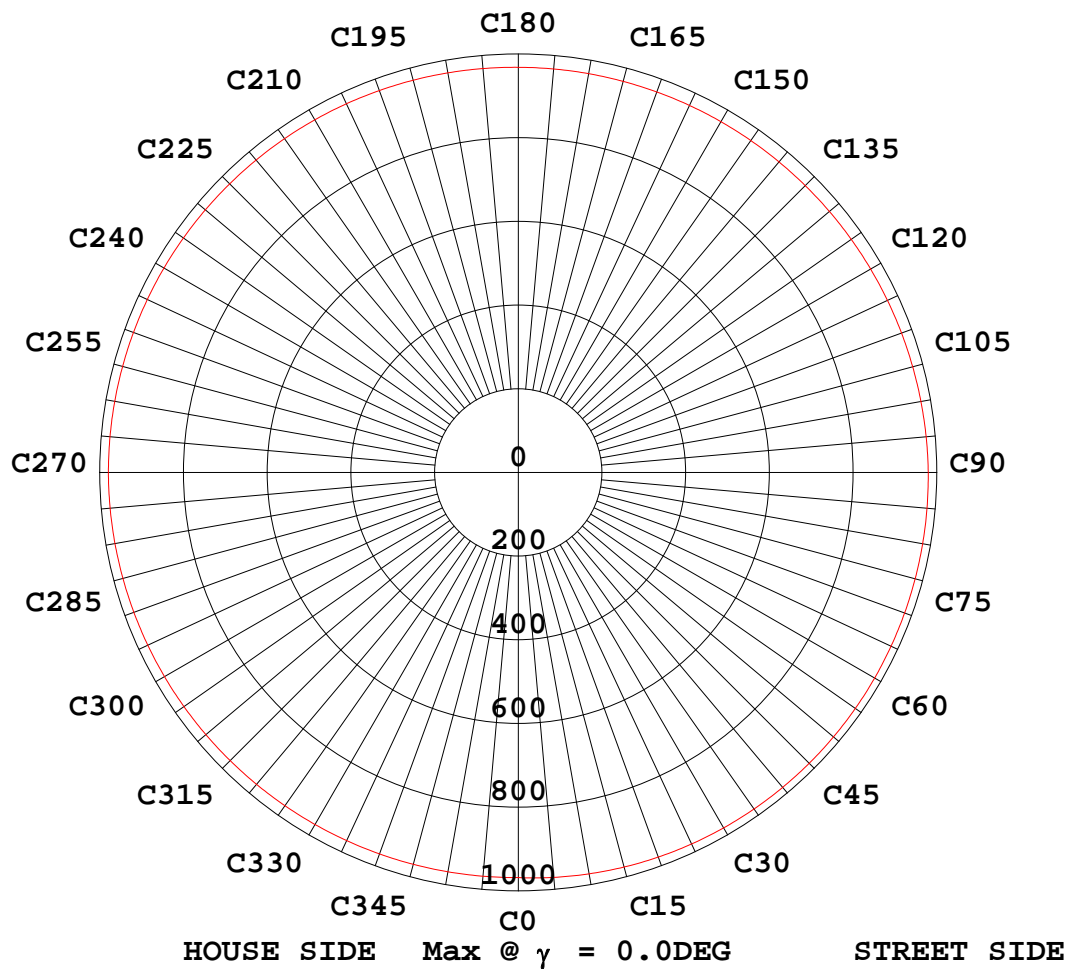
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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	968	979	968	979
5.0	702	588	802	939
10.0	293	243	376	430
15.0	170	128	180	207
20.0	92.4	66.2	92.7	111
25.0	32.5	24.2	49.7	57.3
30.0	12.2	16.3	16.8	22.1
35.0	6.85	8.34	9.56	10.4
40.0	3.41	4.40	5.41	4.92
45.0	2.15	2.38	2.08	3.16
50.0	1.53	1.49	1.27	1.93
55.0	1.13	1.19	0.86	1.16
60.0	0.76	0.84	0.67	0.89
65.0	0.54	0.61	0.53	0.61
70.0	0.38	0.44	0.37	0.45
75.0	0.25	0.26	0.22	0.32
80.0	0.15	0.12	0.12	0.21
85.0	0.05	0.00	0.03	0.10
90.0	0.02	0.00	0.00	0.03
95.0	0.01	0.00	0.00	0.02
100.0	0.01	0.00	0.00	0.01
105.0	0.01	0.00	0.00	0.01
110.0	0.00	0.00	0.00	0.01
115.0	0.01	0.00	0.00	0.01
120.0	0.01	0.01	0.00	0.01
125.0	0.01	0.01	0.01	0.01
130.0	0.02	0.02	0.02	0.02
135.0	0.04	0.05	0.04	0.03
140.0	0.07	0.10	0.08	0.06
145.0	0.14	0.19	0.17	0.10
150.0	0.28	0.34	0.33	0.19
155.0	0.49	0.57	0.57	0.37
160.0	0.79	0.81	0.88	0.64
165.0	1.01	0.75	1.10	0.97
170.0	0.80	0.50	0.92	1.06
175.0	0.47	0.35	0.57	0.76
180.0	0.40	0.41	0.40	0.41

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: