

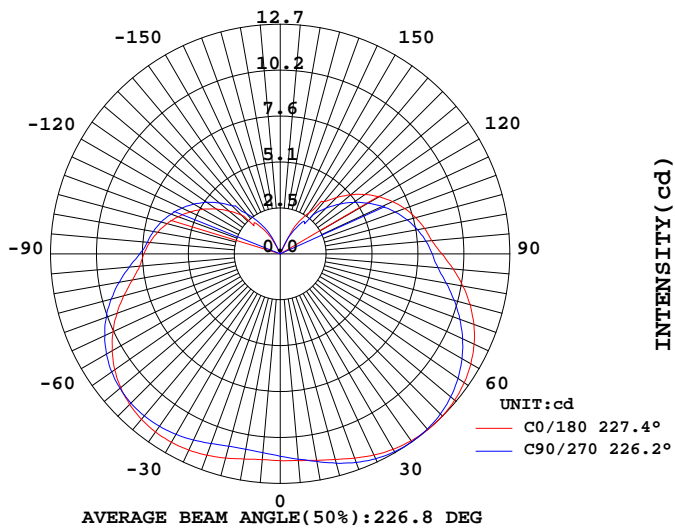
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

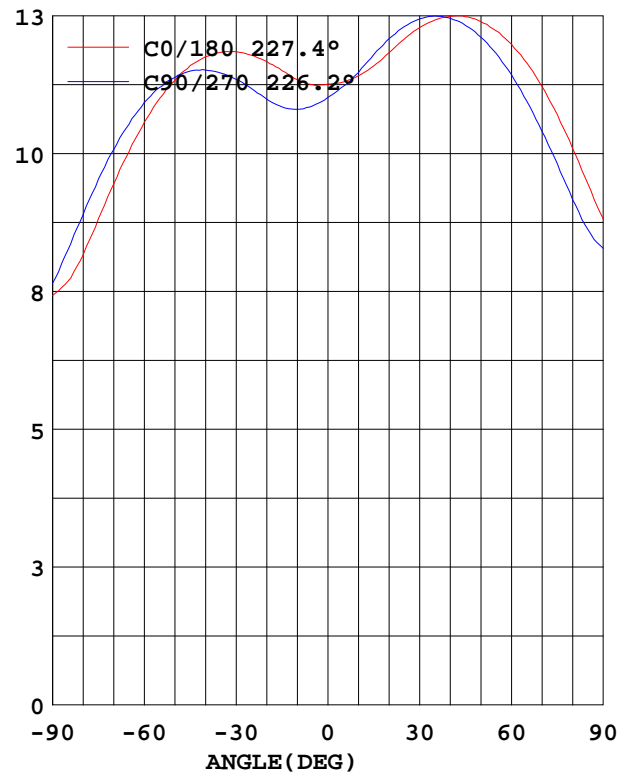
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	12.72	S/MH(C0/180)	1.60
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.60
NOMINAL POWER(W)	1	TOTAL FLUX(lm)	99.6	Voltage(V)	12.02
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	99.6	Current(A)	0.112
NOMINAL FLUX(lm)	99.6	η up(%)	31.3	Power(W)	1.000
LAMPS QUANTITY	1	η down(%)	68.7	Power Factor(PF)	0.736
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	22.2	EEI	0.191

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:06-30-2023

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.:

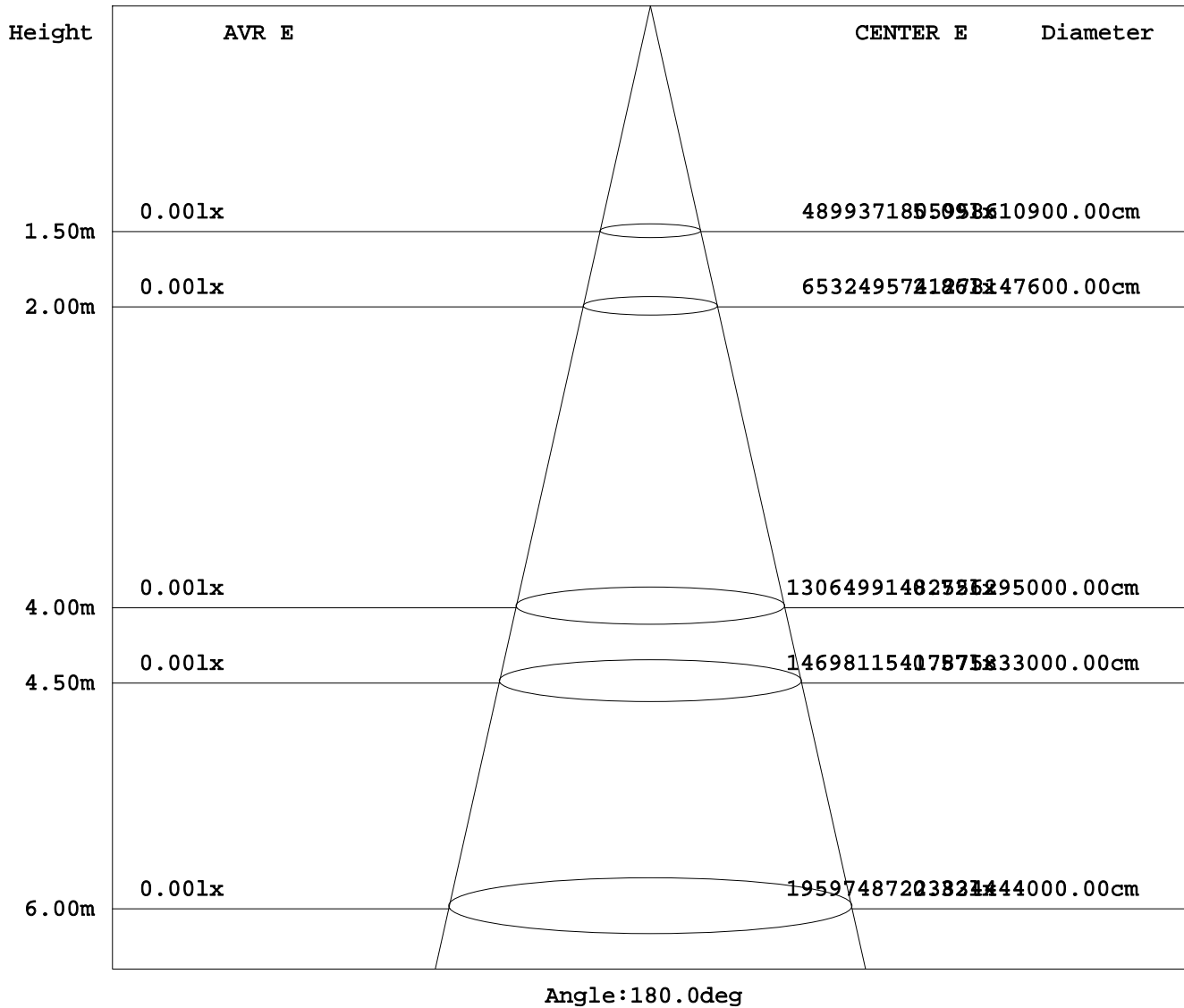
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:06-30-2023

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:06-30-2023

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	11.45	11.05	11.49	11.41					0- 5	0.271	0.271
10.0	11.54	10.99	11.61	11.67					5- 10	0.816	1.087
15.0	11.70	11.03	11.79	12.00					10- 15	1.370	2.457
20.0	11.87	11.18	12.04	12.30					15- 20	1.936	4.393
25.0	11.99	11.38	12.29	12.52					20- 25	2.507	6.901
30.0	12.05	11.54	12.50	12.66					25- 30	3.069	9.970
35.0	12.04	11.66	12.64	12.71					30- 35	3.603	13.57
40.0	11.96	11.72	12.71	12.67					35- 40	4.095	17.66
45.0	11.80	11.70	12.70	12.54					40- 45	4.530	22.20
50.0	11.52	11.58	12.61	12.32					45- 50	4.893	27.09
55.0	11.19	11.39	12.44	12.02					50- 55	5.172	32.26
60.0	10.75	11.12	12.19	11.63					55- 60	5.362	37.62
65.0	10.21	10.71	11.85	11.14					60- 65	5.449	43.07
70.0	9.622	10.25	11.41	10.58					65- 70	5.436	48.51
75.0	8.978	9.708	10.89	9.990					70- 75	5.323	53.83
80.0	8.309	9.053	10.27	9.330					75- 80	5.119	58.95
85.0	7.820	8.395	9.618	8.775					80- 85	4.858	63.81
90.0	7.558	7.787	8.968	8.427					85- 90	4.603	68.42
95.0	7.252	7.389	8.431	8.101					90- 95	4.371	72.79
100.0	6.902	7.137	8.125	7.728					95-100	4.150	76.94
105.0	6.498	6.832	7.775	7.294					100-105	3.901	80.84
110.0	6.013	6.434	7.344	6.772					105-110	3.595	84.43
115.0	5.502	6.010	6.865	6.231					110-115	3.244	87.68
120.0	4.948	5.527	6.338	5.637					115-120	2.861	90.54
125.0	4.353	4.996	5.728	4.967					120-125	2.457	93.00
130.0	3.694	4.388	5.101	4.297					125-130	2.042	95.04
135.0	3.038	3.776	4.432	3.594					130-135	1.633	96.67
140.0	2.260	2.937	3.775	2.845					135-140	1.215	97.89
145.0	1.721	2.244	2.780	2.157					140-145	0.855	98.74
150.0	1.077	1.571	2.061	1.489					145-150	0.559	99.30
155.0	0.193	0.204	0.213	0.743					150-155	0.273	99.58
160.0	0.099	0.061	0.081	0.137					155-160	0.035	99.61
165.0	0.071	0.032	0.060	0.096					160-165	0.013	99.62
170.0	0.053	0.020	0.040	0.069					165-170	0.007	99.63
175.0	0.040	0.017	0.028	0.057					170-175	0.003	99.63
180.0	0.030	0.020	0.025	0.028					175-180	0.001	99.63
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-30-2023

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

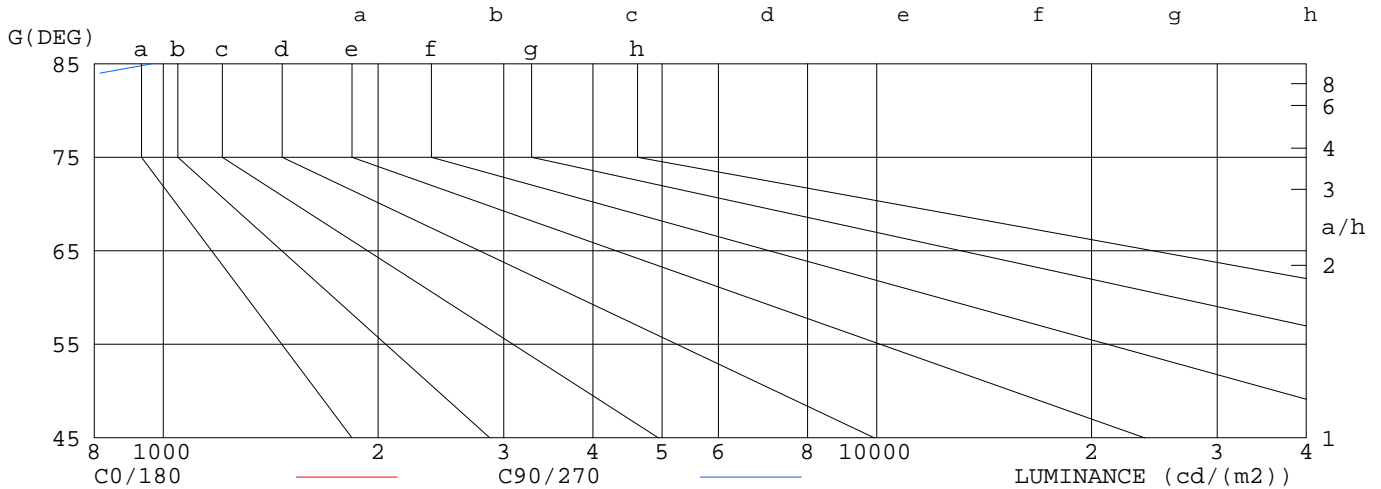
LUMINANCE LIMITATION CURVES

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	897	963
80	478	521
75	347	375
70	281	300
65	242	254
60	215	222
55	195	199
50	179	180
45	167	165

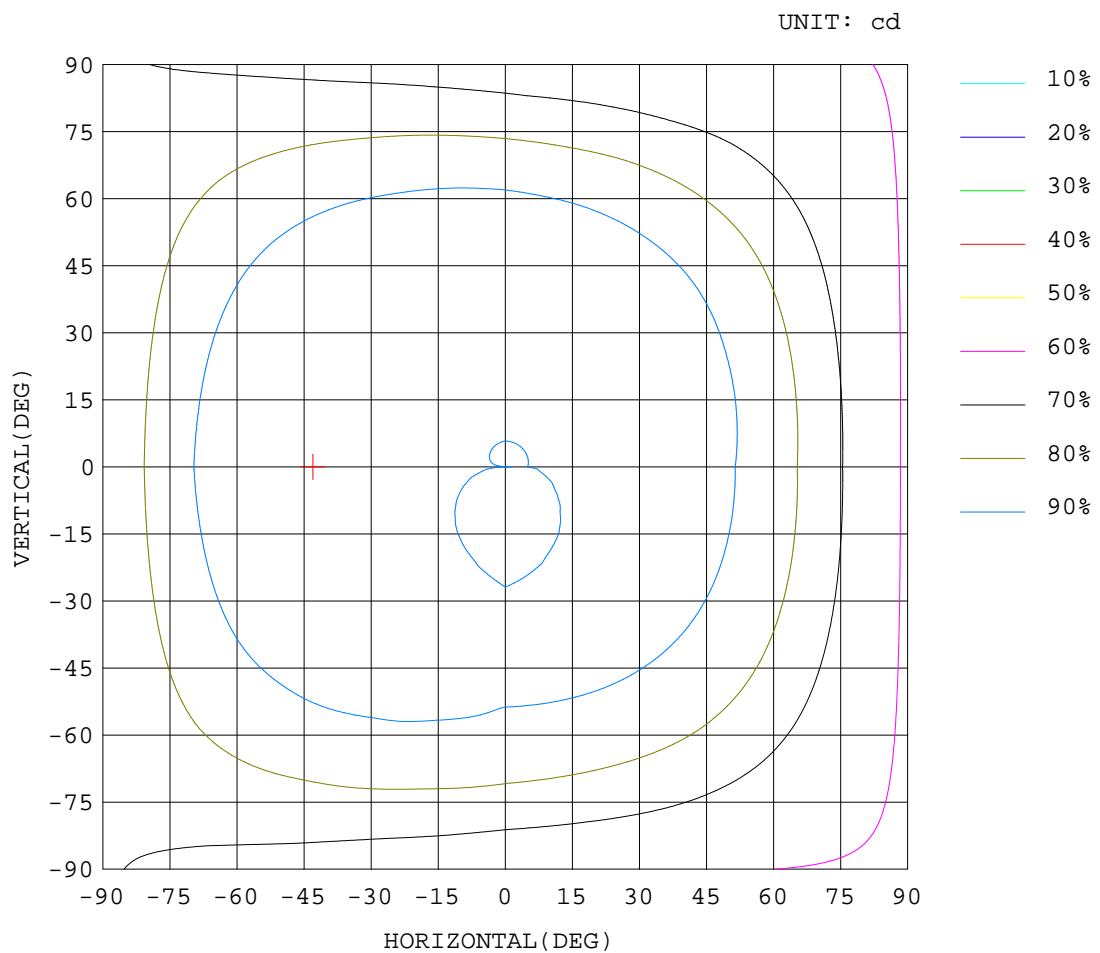
Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-30-2023

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.:



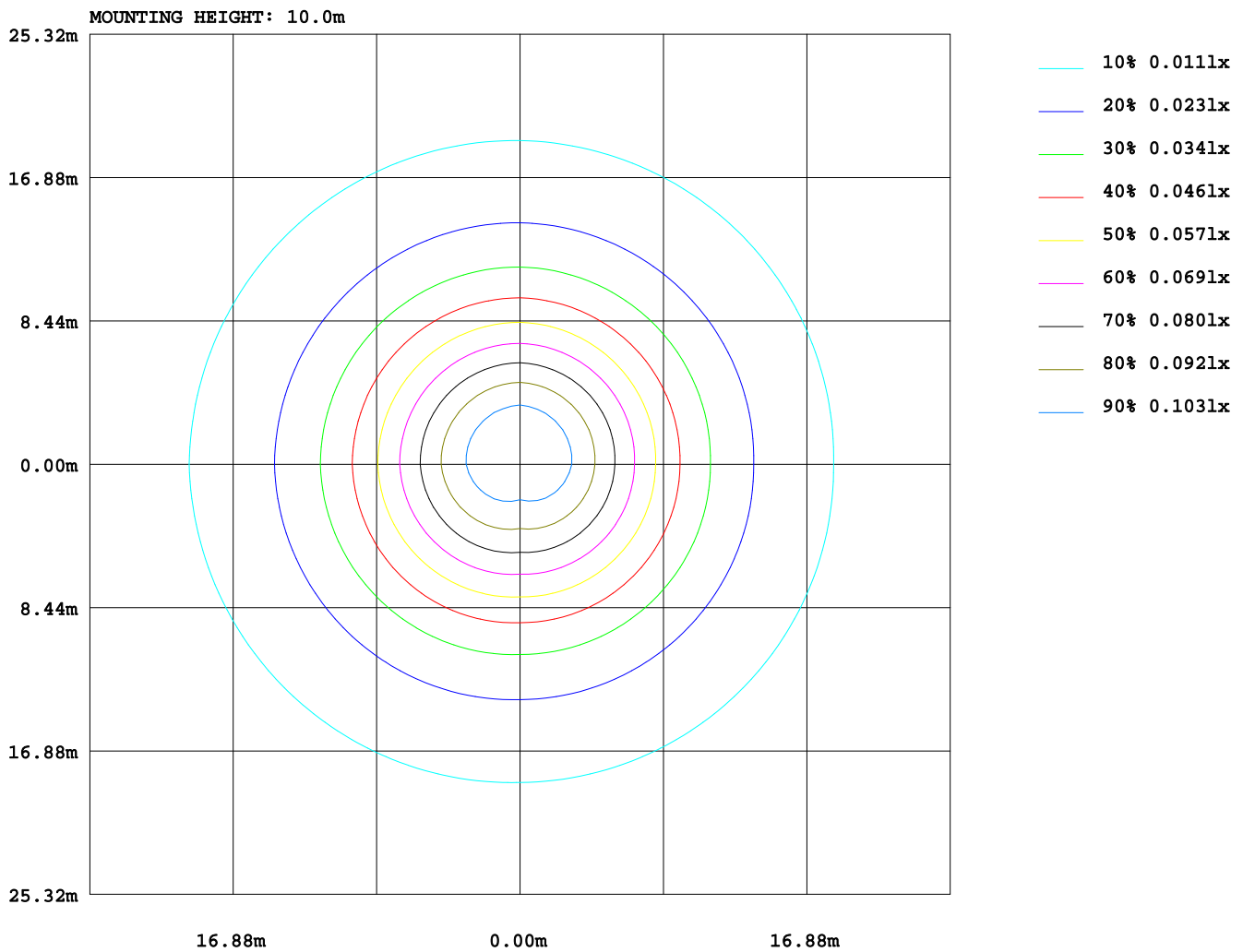
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:06-30-2023

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:06-30-2023

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
	0.02	0.07	0.12	0.16	0.19	0.22	0.25	0.26	0.27	0.27	0.25	0.23	0.21	0.18	0.14	0.10	0.06	0.02	3.02	2.15		
90	0.02	0.07	0.12	0.17	0.21	0.25	0.28	0.30	0.30	0.30	0.29	0.26	0.23	0.19	0.15	0.11	0.06	0.02	3.33	2.41		
80	0.02	0.08	0.13	0.18	0.23	0.27	0.31	0.33	0.34	0.34	0.32	0.29	0.25	0.21	0.16	0.11	0.06	0.02	3.65	2.67		
70	0.02	0.08	0.14	0.19	0.25	0.29	0.33	0.35	0.36	0.36	0.34	0.32	0.27	0.23	0.17	0.12	0.07	0.02	3.91	2.88		
60	0.03	0.08	0.14	0.20	0.26	0.31	0.34	0.37	0.38	0.38	0.36	0.33	0.29	0.24	0.18	0.12	0.07	0.02	4.09	3.01		
50	0.03	0.08	0.15	0.21	0.26	0.31	0.35	0.37	0.38	0.38	0.37	0.34	0.30	0.25	0.19	0.13	0.07	0.02	4.18	3.07		
40	0.03	0.08	0.15	0.21	0.27	0.32	0.35	0.37	0.38	0.38	0.36	0.34	0.30	0.25	0.19	0.13	0.07	0.02	4.20	3.07		
30	0.03	0.09	0.15	0.22	0.27	0.32	0.34	0.36	0.36	0.36	0.36	0.34	0.30	0.25	0.20	0.13	0.07	0.02	4.16	3.02		
	0.03	0.09	0.15	0.22	0.27	0.32	0.34	0.35	0.35	0.35	0.35	0.33	0.30	0.25	0.20	0.13	0.07	0.02	4.11	2.96		
	0.03	0.09	0.15	0.22	0.27	0.31	0.34	0.34	0.34	0.34	0.34	0.33	0.30	0.25	0.20	0.13	0.07	0.02	4.07	2.92		
	0.03	0.09	0.15	0.21	0.27	0.31	0.34	0.34	0.34	0.34	0.34	0.33	0.30	0.25	0.19	0.13	0.07	0.02	4.04	2.90		
-30	0.03	0.08	0.15	0.21	0.27	0.31	0.34	0.35	0.35	0.35	0.34	0.33	0.29	0.25	0.19	0.13	0.07	0.02	4.04	2.92		
-40	0.03	0.08	0.14	0.21	0.26	0.30	0.33	0.35	0.36	0.35	0.35	0.32	0.29	0.24	0.19	0.13	0.07	0.02	4.02	2.92		
-50	0.03	0.08	0.14	0.20	0.25	0.30	0.33	0.35	0.36	0.35	0.34	0.32	0.28	0.23	0.18	0.12	0.07	0.02	3.95	2.88		
-60	0.02	0.08	0.14	0.19	0.24	0.29	0.32	0.34	0.35	0.34	0.33	0.31	0.27	0.22	0.17	0.12	0.07	0.02	3.80	2.78		
-70	0.02	0.08	0.13	0.18	0.23	0.27	0.30	0.32	0.33	0.32	0.31	0.28	0.25	0.21	0.16	0.11	0.06	0.02	3.57	2.60		
-80	0.02	0.07	0.12	0.17	0.21	0.24	0.27	0.29	0.30	0.29	0.28	0.26	0.23	0.19	0.15	0.10	0.06	0.02	3.27	2.36		
-90	0.02	0.07	0.11	0.15	0.19	0.22	0.24	0.25	0.26	0.25	0.24	0.23	0.20	0.17	0.14	0.10	0.06	0.02	2.93	2.08		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90	
Φ t	0.45	1.43	2.47	3.49	4.40	5.15	5.68	5.99	6.10	6.06	5.87	5.48	4.87	4.06	3.13	2.14	1.20	0.37	100			
Φ a	0.00	0.00	0.00	0.00	2.30	5.15	5.68	5.99	6.10	6.06	5.87	5.48	4.87	2.14	0.00	0.00	0.00	0.00		22		

Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-30-2023

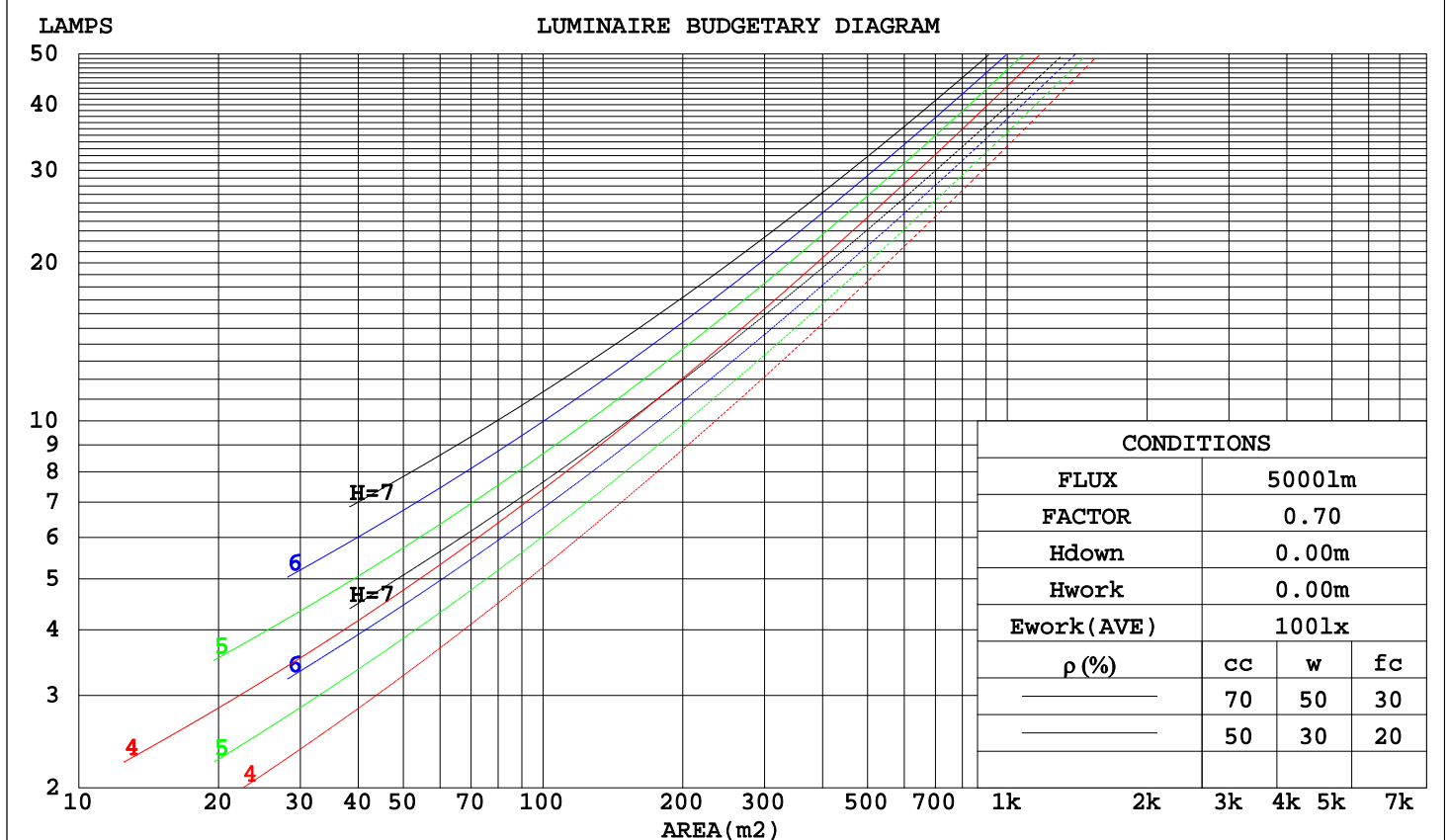
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

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:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-30-2023

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	.417	.237	.075	.400	.228	.072	.368	.211	.067	.339	.196	.063	.313	.181	.058	
2.0	.351	.193	.059	.336	.185	.057	.307	.171	.053	.281	.158	.049	.256	.145	.046	
3.0	.308	.164	.049	.294	.157	.047	.268	.145	.044	.244	.133	.041	.221	.122	.038	
4.0	.274	.143	.042	.262	.137	.040	.238	.126	.038	.216	.116	.035	.195	.106	.032	
5.0	.248	.126	.037	.236	.121	.035	.214	.112	.033	.194	.102	.030	.175	.094	.028	
6.0	.226	.113	.032	.215	.109	.031	.195	.100	.029	.176	.092	.027	.159	.084	.025	
7.0	.207	.103	.029	.198	.098	.028	.179	.091	.026	.162	.083	.024	.146	.076	.022	
8.0	.192	.094	.026	.183	.090	.025	.166	.083	.024	.150	.076	.022	.135	.069	.020	
9.0	.178	.086	.024	.170	.083	.023	.154	.076	.022	.139	.070	.020	.125	.064	.018	
10.0	.166	.080	.022	.159	.077	.021	.144	.071	.020	.130	.065	.018	.117	.059	.017	

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	.429	.429	.429	.367	.367	.367	.250	.250	.250	.144	.144	.144	.046	.046	.046	
1.0	.428	.396	.367	.367	.340	.316	.251	.234	.218	.144	.135	.127	.046	.044	.041	
2.0	.422	.374	.333	.362	.322	.288	.248	.223	.201	.143	.130	.118	.046	.042	.038	
3.0	.415	.358	.313	.356	.309	.271	.244	.215	.190	.141	.125	.112	.045	.041	.037	
4.0	.408	.346	.299	.350	.299	.260	.241	.208	.183	.139	.122	.108	.045	.040	.036	
5.0	.400	.337	.290	.344	.291	.252	.237	.204	.178	.137	.120	.106	.044	.039	.035	
6.0	.393	.329	.284	.337	.285	.247	.233	.200	.175	.135	.117	.104	.044	.038	.034	
7.0	.386	.323	.279	.332	.280	.243	.229	.196	.172	.133	.116	.103	.043	.038	.034	
8.0	.379	.317	.275	.326	.275	.240	.226	.193	.170	.131	.114	.101	.042	.037	.034	
9.0	.372	.313	.272	.321	.271	.238	.222	.191	.169	.130	.113	.101	.042	.037	.033	
10.0	.367	.309	.270	.316	.268	.236	.219	.189	.168	.128	.112	.100	.041	.037	.033	

Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:06-30-2023

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	5.3	6.5	5.9	7.2	8.1	5.4	6.7	6.0	7.3	8.2
	3H	8.0	9.2	8.7	9.9	10.7	8.2	9.4	8.9	10.1	11.0
	4H	9.5	10.6	10.2	11.3	12.2	9.8	10.9	10.5	11.6	12.5
	6H	11.1	12.1	11.8	12.9	13.8	11.5	12.5	12.2	13.3	14.2
	8H	12.0	13.0	12.7	13.8	14.7	12.4	13.4	13.2	14.2	15.1
	12H	13.0	14.0	13.8	14.8	15.7	13.5	14.5	14.2	15.2	16.2
4H	2H	6.2	7.3	6.9	8.0	8.9	6.2	7.4	7.0	8.1	9.0
	3H	9.1	10.0	9.8	10.8	11.7	9.3	10.2	10.0	11.0	11.9
	4H	10.7	11.6	11.5	12.4	13.3	11.0	11.8	11.7	12.6	13.6
	6H	12.5	13.3	13.3	14.1	15.1	12.8	13.6	13.6	14.4	15.4
	8H	13.5	14.2	14.3	15.1	16.1	13.9	14.6	14.7	15.4	16.4
	12H	14.6	15.3	15.5	16.2	17.2	15.0	15.7	15.9	16.6	17.6
8H	4H	11.3	12.1	12.2	12.9	13.9	11.5	12.3	12.4	13.1	14.1
	6H	13.4	14.0	14.2	14.9	15.9	13.7	14.3	14.5	15.2	16.2
	8H	14.6	15.2	15.4	16.0	17.1	14.9	15.5	15.8	16.3	17.4
	12H	16.0	16.5	16.8	17.4	18.4	16.3	16.8	17.2	17.7	18.8
12H	4H	11.5	12.2	12.3	13.0	14.1	11.7	12.4	12.5	13.2	14.2
	6H	13.7	14.3	14.5	15.1	16.2	13.9	14.5	14.8	15.4	16.4
	8H	15.0	15.5	15.9	16.4	17.5	15.3	15.8	16.1	16.7	17.7
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 / - 0.3				
2.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 99.63 lm Total Lamp Luminous Flux.(8log(F/F0) = -8.0)

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-30-2023

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	41	28	21	39	27	20	37	26	20	13
0.80	50	36	27	48	35	27	44	33	26	17
1.00	57	43	34	55	42	33	50	41	32	22
1.25	64	50	41	61	48	40	56	45	37	26
1.50	69	56	46	66	54	45	60	49	42	29
2.00	77	65	55	73	62	53	66	57	49	35
2.50	82	70	61	78	67	59	69	61	54	39
3.00	86	75	67	81	72	64	73	65	59	42
4.00	91	82	74	86	78	71	77	70	65	46
5.00	94	86	80	89	82	76	79	74	69	49
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

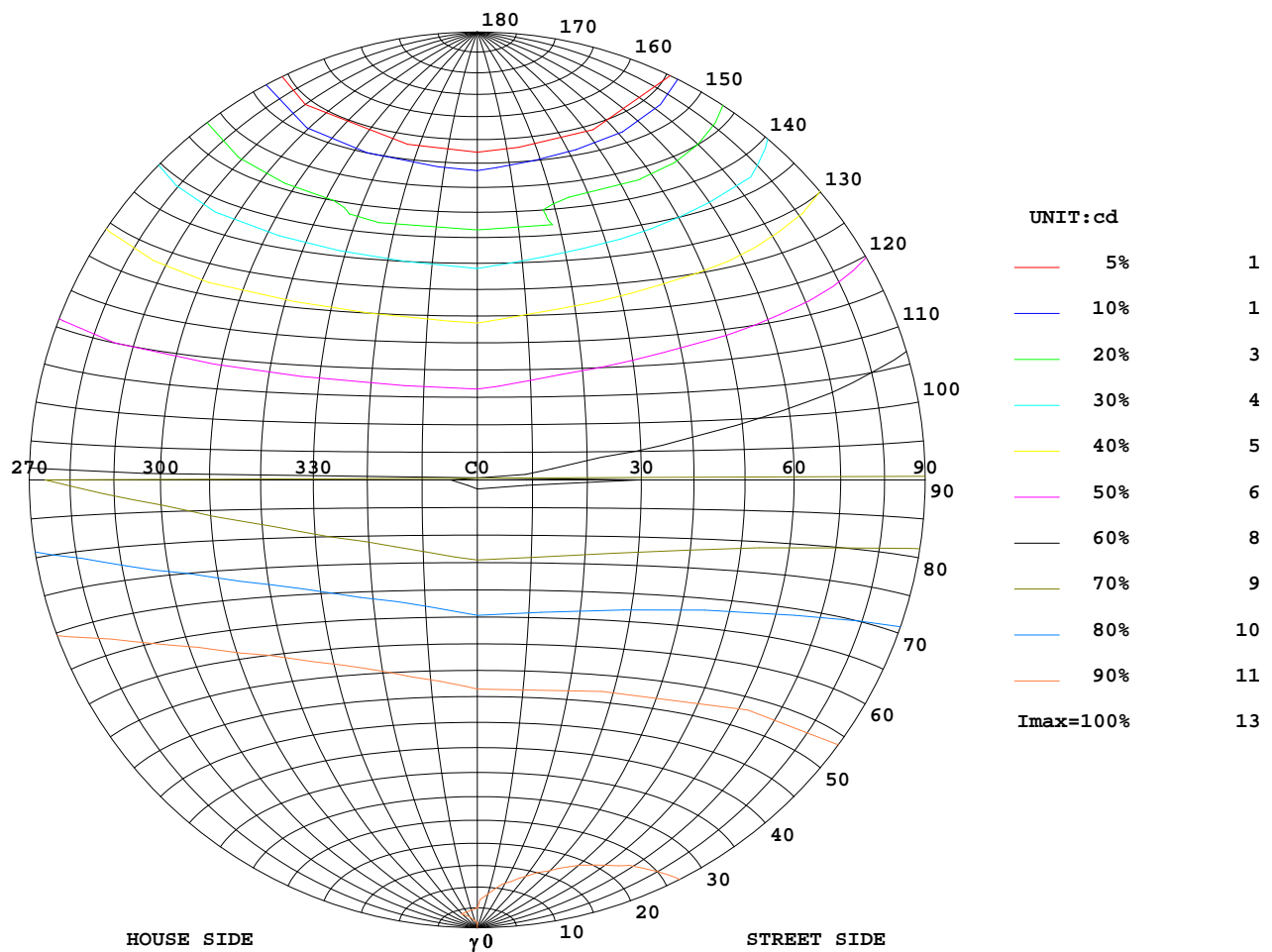
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-30-2023

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:06-30-2023

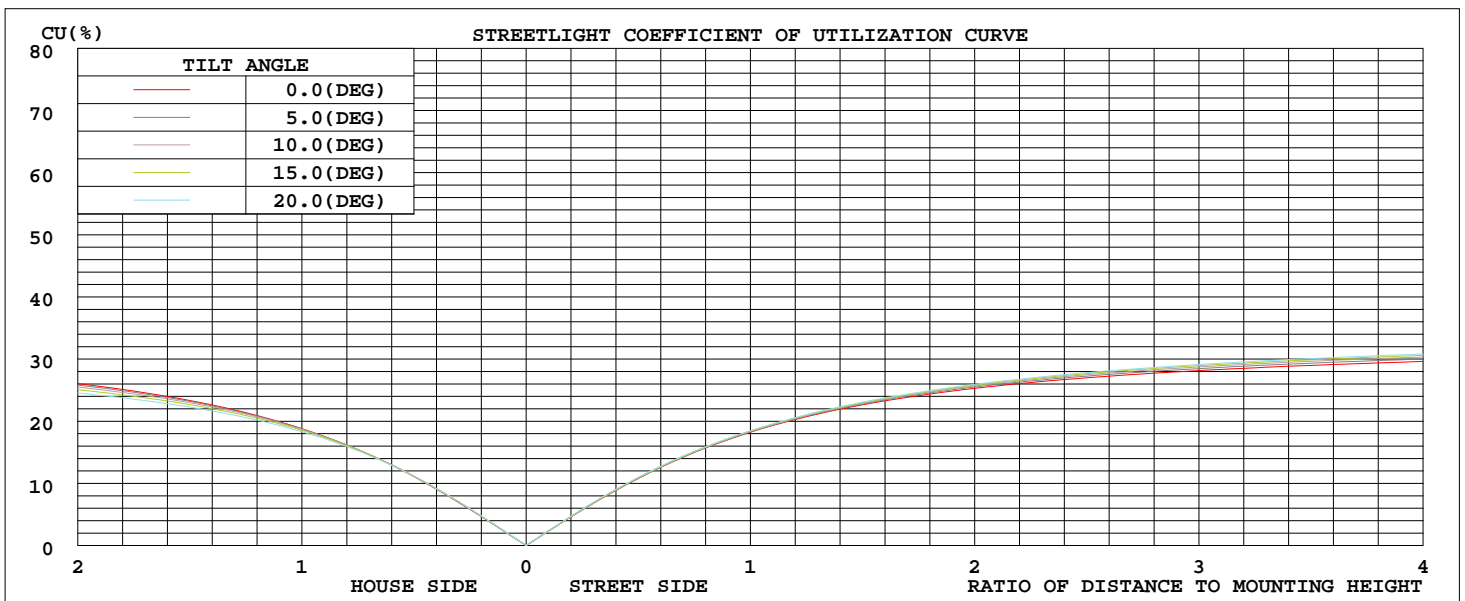
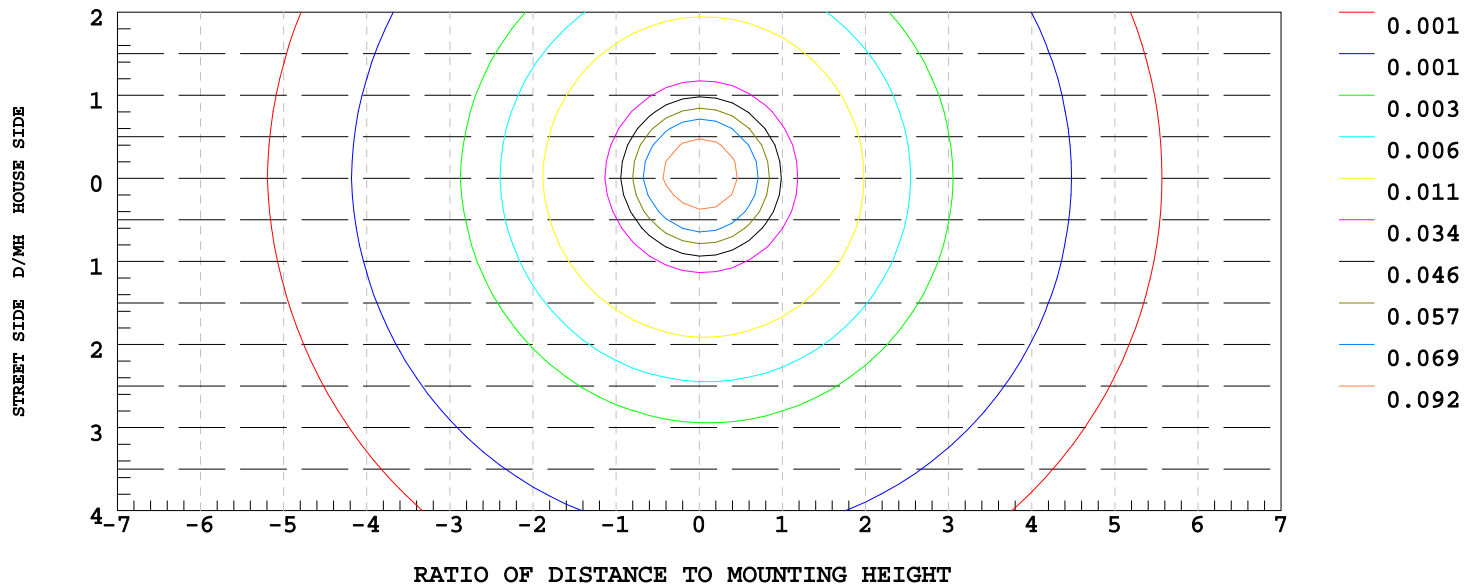
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.11 lx



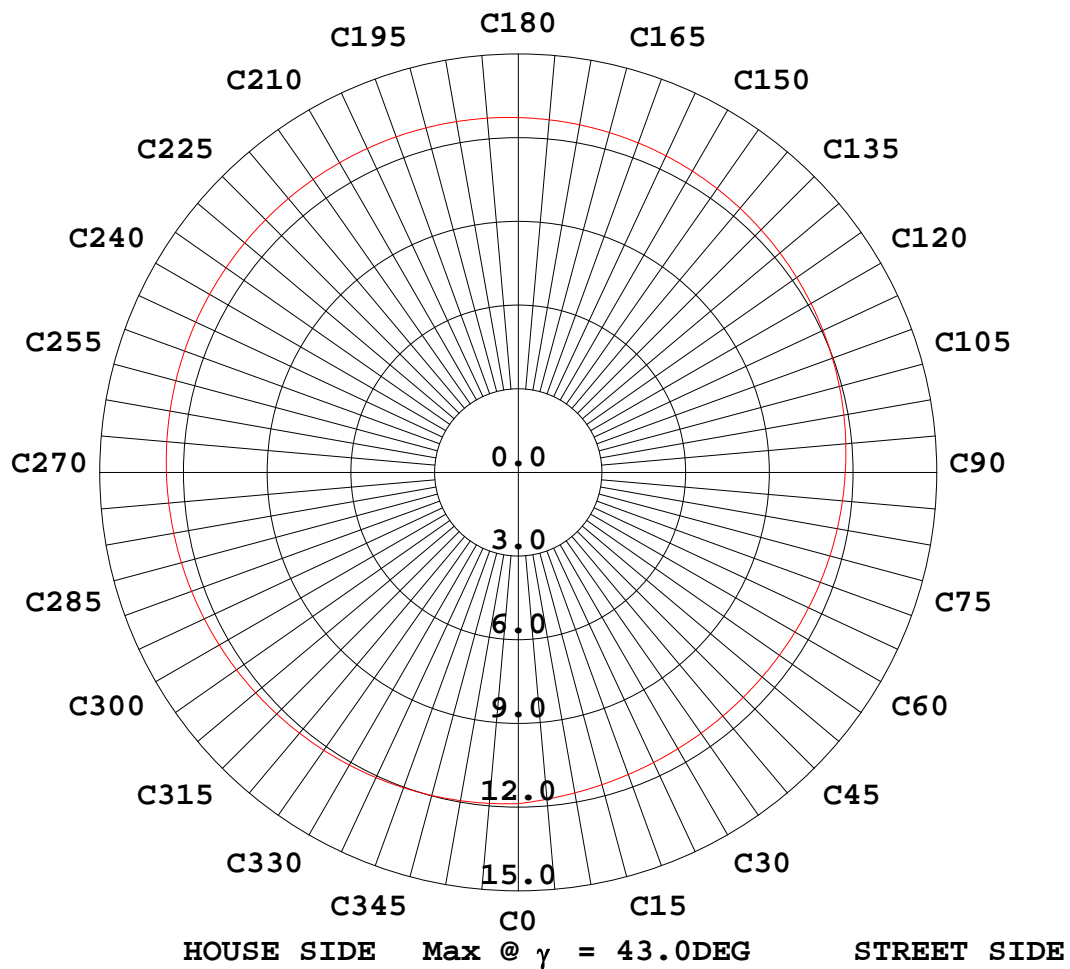
Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:06-30-2023

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:06-30-2023

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	11.4	11.2	11.4	11.2
5.0	11.4	11.0	11.4	11.4
10.0	11.5	10.9	11.6	11.6
15.0	11.7	11.0	11.7	12.0
20.0	11.8	11.1	12.0	12.3
25.0	11.9	11.3	12.2	12.5
30.0	12.0	11.5	12.5	12.6
35.0	12.0	11.6	12.6	12.7
40.0	11.9	11.7	12.7	12.6
45.0	11.8	11.7	12.7	12.5
50.0	11.5	11.5	12.6	12.3
55.0	11.1	11.3	12.4	12.0
60.0	10.7	11.1	12.1	11.6
65.0	10.2	10.7	11.8	11.1
70.0	9.62	10.2	11.4	10.5
75.0	8.97	9.70	10.8	9.99
80.0	8.30	9.05	10.2	9.33
85.0	7.82	8.39	9.61	8.77
90.0	7.55	7.78	8.96	8.42
95.0	7.25	7.38	8.43	8.10
100.0	6.90	7.13	8.12	7.72
105.0	6.49	6.83	7.77	7.29
110.0	6.01	6.43	7.34	6.77
115.0	5.50	6.01	6.86	6.23
120.0	4.94	5.52	6.33	5.63
125.0	4.35	4.99	5.72	4.96
130.0	3.69	4.38	5.10	4.29
135.0	3.03	3.77	4.43	3.59
140.0	2.26	2.93	3.77	2.84
145.0	1.72	2.24	2.78	2.15
150.0	1.07	1.57	2.06	1.48
155.0	0.19	0.20	0.21	0.74
160.0	0.10	0.06	0.08	0.14
165.0	0.07	0.03	0.06	0.10
170.0	0.05	0.02	0.04	0.07
175.0	0.04	0.02	0.03	0.06
180.0	0.03	0.02	0.03	0.03

Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:06-30-2023

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