

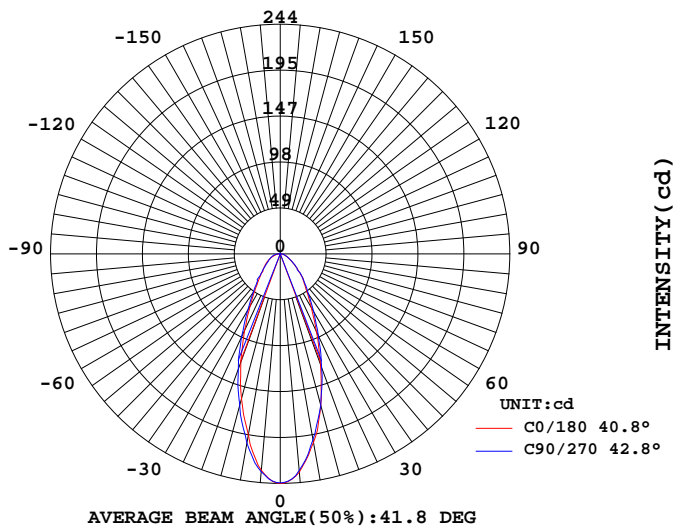
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

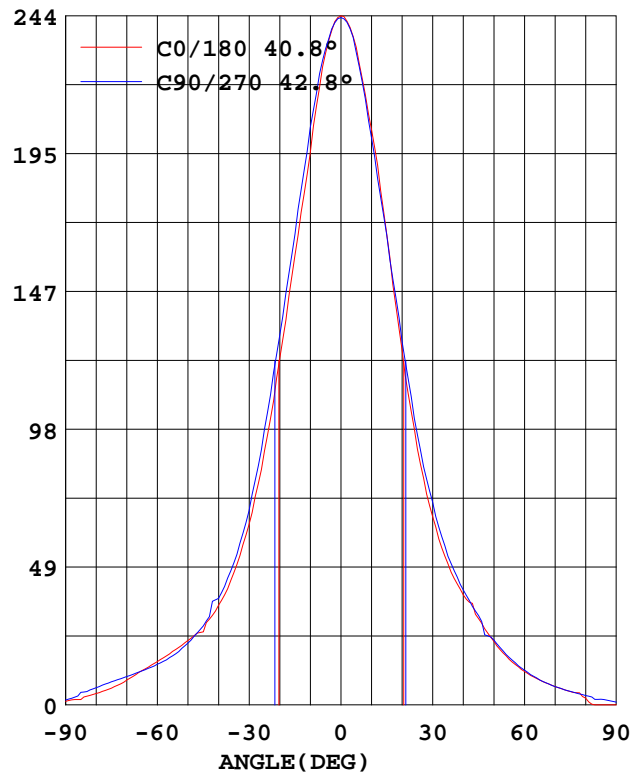
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	244.3	S/MH(C0/180)	0.63
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.67
NOMINAL POWER(W)	2	TOTAL FLUX(lm)	200.7	Voltage(V)	12.05
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	85.0	Current(A)	0.239
NOMINAL FLUX(lm)	200.7	η up(%)	0.8	Power(W)	2.360
LAMPS QUANTITY	1	η down(%)	99.2	Power Factor(PF)	0.815
TEST VOLTAGE(V)	12.1	Effective Flux(lm)	154.0	EEI	0.128

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:07-22-2023

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.:

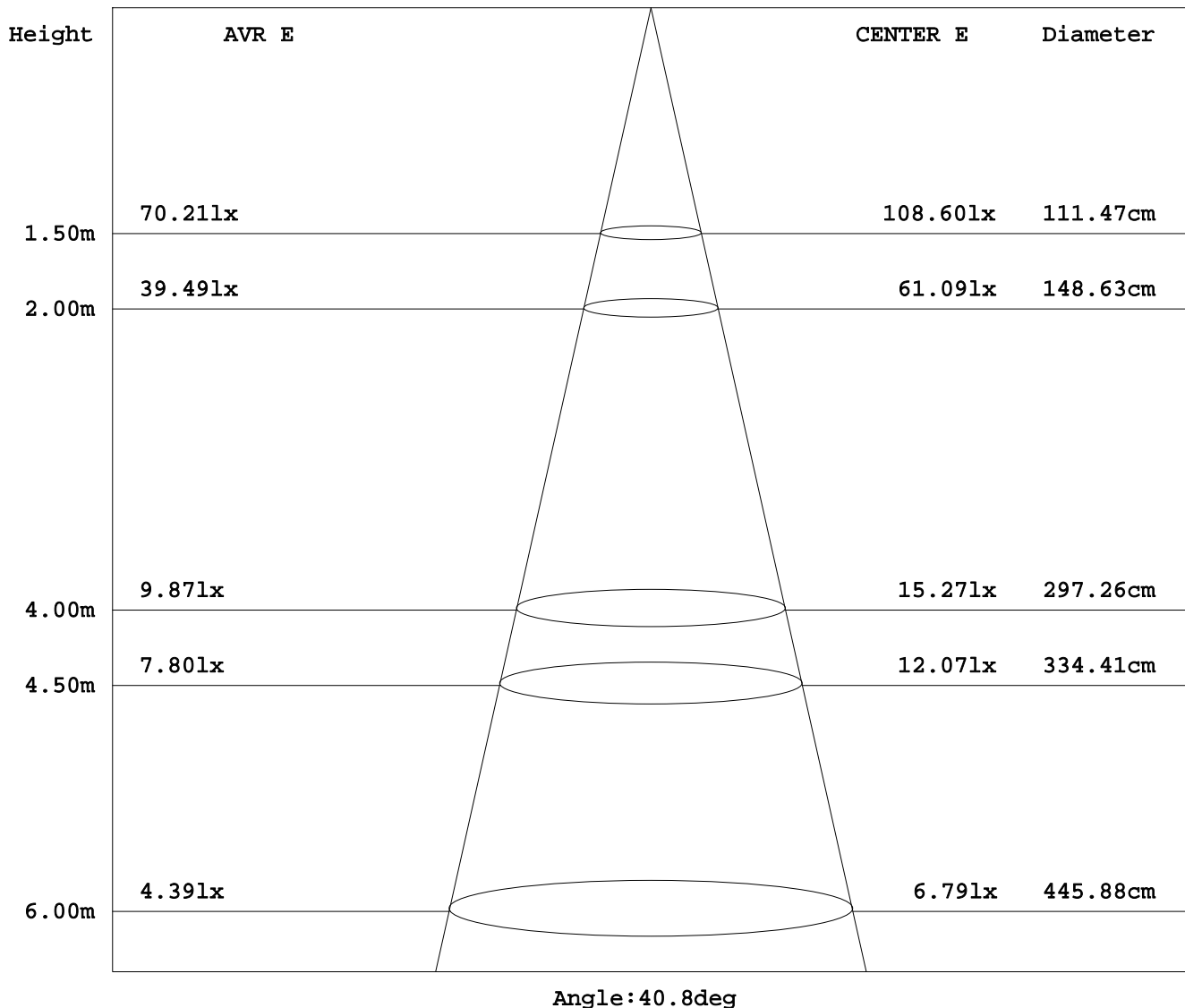
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-22-2023

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: HOPOO HP880D
Temperature: 25.3DEG
Operators:
Test Date: 07-22-2023

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	231.1	232.6	233.2	231.4					0- 5	5.691	5.691
10.0	195.6	204.6	203.9	200.9					5- 10	15.45	21.15
15.0	159.5	167.0	166.8	166.6					10- 15	21.62	42.77
20.0	122.5	130.9	125.7	128.7					15- 20	23.89	66.67
25.0	90.00	97.75	90.90	95.90					20- 25	22.91	89.58
30.0	64.06	68.91	66.72	71.82					25- 30	20.14	109.7
35.0	46.88	50.35	50.05	52.75					30- 35	17.14	126.8
40.0	35.33	37.77	39.01	40.75					35- 40	14.55	141.4
45.0	25.92	28.03	30.55	31.66					40- 45	12.57	154.0
50.0	22.82	21.94	22.58	23.02					45- 50	10.29	164.2
55.0	18.95	17.41	16.13	16.83					50- 55	8.616	172.9
60.0	15.32	14.43	11.88	12.31					55- 60	7.076	179.9
65.0	12.15	12.05	8.852	8.844					60- 65	5.792	185.7
70.0	8.802	10.06	6.496	6.504					65- 70	4.650	190.4
75.0	5.948	8.214	4.714	4.778					70- 75	3.602	194.0
80.0	4.042	6.110	2.391	3.319					75- 80	2.687	196.7
85.0	1.894	4.461	0.015	1.987					80- 85	1.537	198.2
90.0	1.281	1.730	0.019	1.004					85- 90	0.821	199.0
95.0	0.256	0.567	0.028	0.346					90- 95	0.326	199.4
100.0	0.089	0.096	0.047	0.103					95-100	0.090	199.4
105.0	0.087	0.061	0.066	0.103					100-105	0.041	199.5
110.0	0.095	0.074	0.087	0.109					105-110	0.044	199.5
115.0	0.108	0.099	0.110	0.116					110-115	0.051	199.6
120.0	0.132	0.133	0.133	0.132					115-120	0.059	199.6
125.0	0.165	0.169	0.154	0.150					120-125	0.067	199.7
130.0	0.200	0.215	0.188	0.186					125-130	0.078	199.8
135.0	0.238	0.265	0.229	0.222					130-135	0.088	199.9
140.0	0.286	0.321	0.286	0.275					135-140	0.098	200.0
145.0	0.349	0.390	0.363	0.349					140-145	0.109	200.1
150.0	0.423	0.460	0.447	0.425					145-150	0.117	200.2
155.0	0.488	0.516	0.518	0.495					150-155	0.119	200.3
160.0	0.528	0.549	0.569	0.538					155-160	0.110	200.4
165.0	0.530	0.538	0.581	0.554					160-165	0.091	200.5
170.0	0.496	0.497	0.556	0.533					165-170	0.064	200.6
175.0	0.478	0.491	0.538	0.508					170-175	0.037	200.6
180.0	0.486	0.472	0.486	0.472					175-180	0.012	200.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2023

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

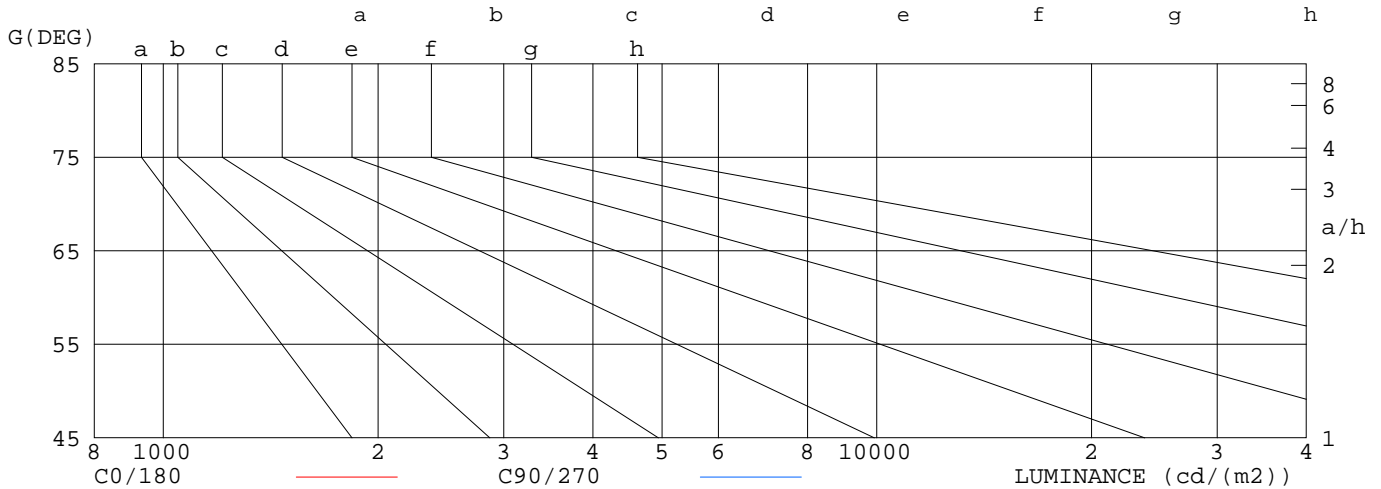
LUMINANCE LIMITATION CURVES

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	217	512
80	233	352
75	230	317
70	257	294
65	288	285
60	307	289
55	331	304
50	355	341
45	367	396

Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2023

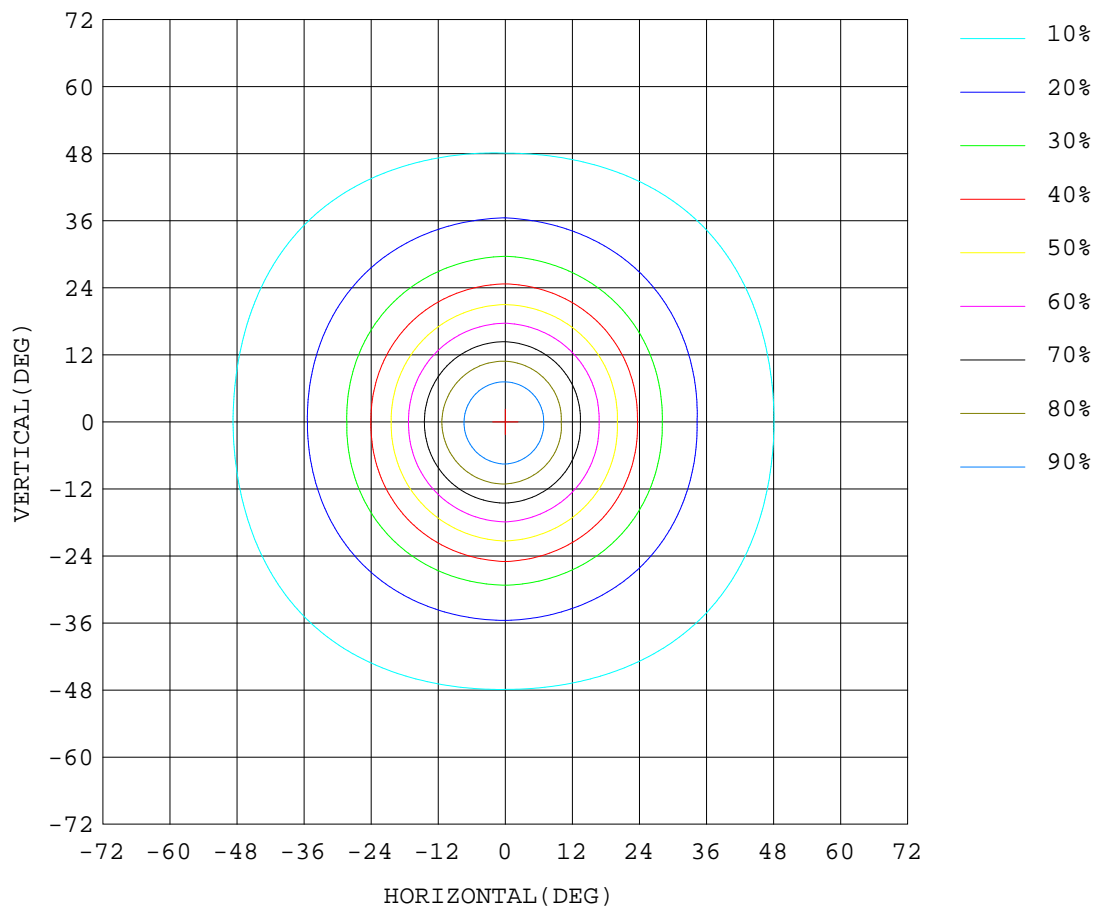
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



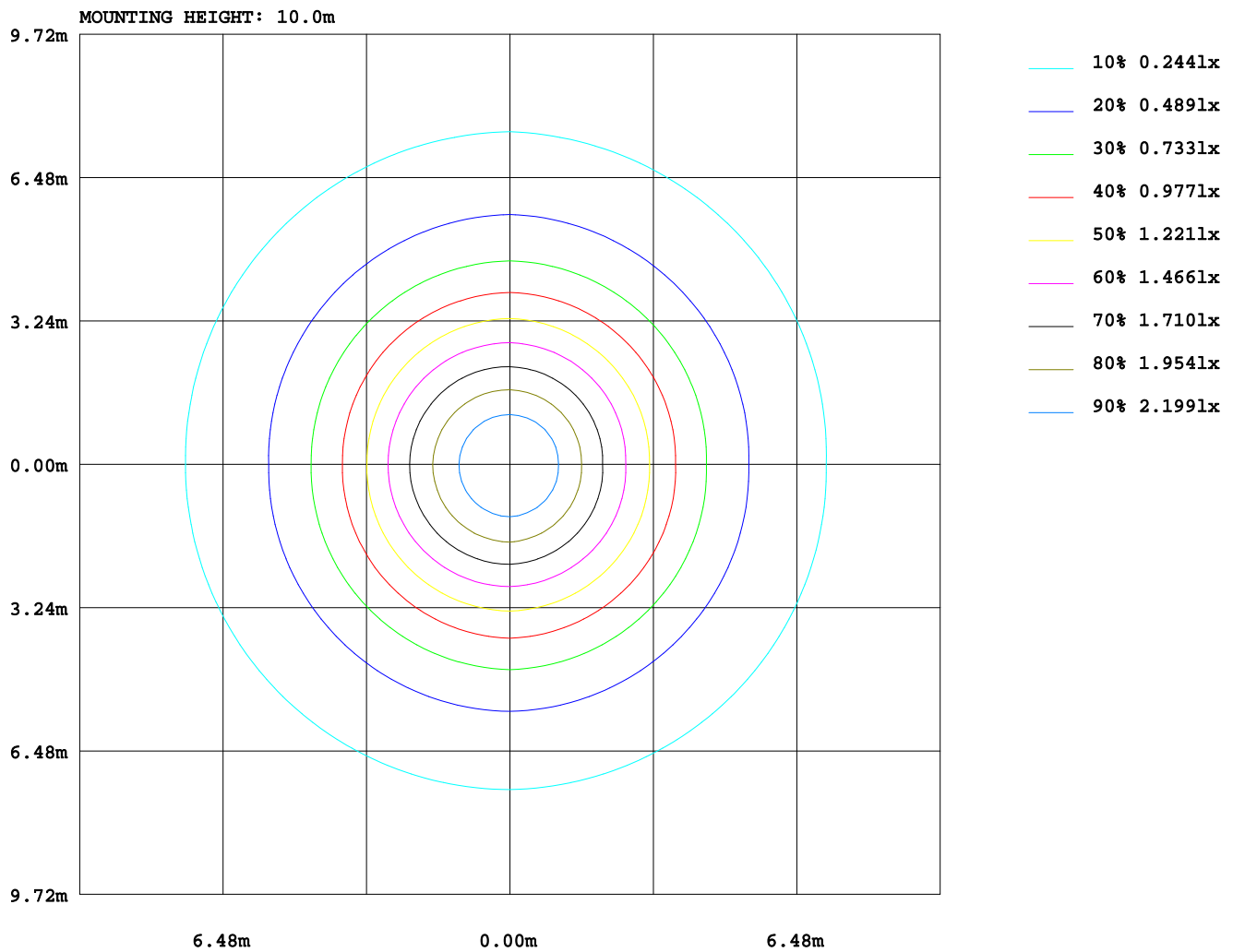
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-22-2023

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:07-22-2023

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.:				

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.01	0.03	0.05	0.07	0.09	0.11	0.12	0.14	0.14	0.15	0.14	0.14	0.12	0.10	0.08	0.06	0.04	0.02	1.61	1.34		
64	0.02	0.05	0.07	0.10	0.13	0.17	0.20	0.22	0.24	0.24	0.23	0.21	0.19	0.15	0.12	0.08	0.05	0.03	2.50	2.13		
56	0.03	0.06	0.09	0.14	0.19	0.25	0.31	0.37	0.39	0.39	0.37	0.33	0.27	0.22	0.16	0.11	0.07	0.04	3.79	3.29		
48	0.04	0.07	0.12	0.18	0.27	0.38	0.48	0.58	0.63	0.63	0.57	0.48	0.38	0.29	0.21	0.14	0.09	0.04	5.57	4.94		
40	0.04	0.08	0.14	0.24	0.38	0.55	0.72	0.87	0.97	0.96	0.86	0.70	0.52	0.37	0.26	0.17	0.11	0.05	8.00	7.24		
32	0.05	0.09	0.17	0.31	0.50	0.73	1.01	1.31	1.53	1.52	1.30	0.99	0.70	0.47	0.31	0.20	0.12	0.06	11.4	10.5		
24	0.05	0.10	0.20	0.37	0.62	0.94	1.43	2.01	2.44	2.43	2.00	1.41	0.91	0.57	0.35	0.23	0.13	0.07	16.2	15.2		
VERTICAL (DEG)	0.05	0.11	0.23	0.43	0.70	1.15	1.91	2.86	3.52	3.49	2.81	1.88	1.12	0.65	0.39	0.24	0.14	0.07	21.7	20.6		
	0.05	0.12	0.24	0.45	0.75	1.29	2.25	3.48	4.37	4.34	3.36	2.20	1.26	0.70	0.41	0.25	0.15	0.07	25.7	24.6		
	0.06	0.12	0.24	0.45	0.75	1.29	2.25	3.49	4.38	4.36	3.37	2.20	1.26	0.70	0.40	0.25	0.15	0.07	25.8	24.6		
	0.05	0.11	0.23	0.42	0.69	1.14	1.92	2.87	3.56	3.53	2.82	1.89	1.11	0.65	0.39	0.24	0.15	0.07	21.8	20.7		
	0.05	0.11	0.20	0.37	0.60	0.93	1.42	2.03	2.47	2.46	2.01	1.40	0.89	0.56	0.35	0.23	0.14	0.07	16.3	15.2		
	0.05	0.10	0.18	0.30	0.49	0.71	0.99	1.29	1.51	1.51	1.28	0.96	0.68	0.45	0.31	0.21	0.13	0.06	11.2	10.3		
	0.05	0.09	0.15	0.24	0.37	0.53	0.69	0.83	0.92	0.92	0.82	0.67	0.50	0.37	0.26	0.18	0.11	0.06	7.75	6.95		
	0.04	0.08	0.13	0.19	0.28	0.37	0.47	0.55	0.59	0.59	0.54	0.46	0.38	0.29	0.22	0.15	0.10	0.05	5.46	4.78		
	0.04	0.07	0.10	0.15	0.21	0.27	0.32	0.36	0.39	0.39	0.37	0.33	0.29	0.23	0.18	0.13	0.08	0.04	3.94	3.37		
	0.03	0.06	0.09	0.12	0.16	0.20	0.23	0.26	0.28	0.28	0.27	0.25	0.22	0.18	0.14	0.10	0.06	0.04	2.95	2.49		
-24	0.01	0.04	0.07	0.09	0.12	0.15	0.17	0.19	0.21	0.21	0.20	0.18	0.16	0.13	0.10	0.07	0.05	0.03	2.19	1.85		
-32																						
-40																						
-48																						
-56																						
-64																						
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL(DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.72	1.47	2.69	4.64	7.30	11.1	16.9	23.7	28.5	28.4	23.3	16.7	10.9	7.09	4.65	3.06	1.85	0.95	201			
Φ a	0.00	0.00	0.00	3.17	7.30	11.1	16.9	23.7	28.5	28.4	23.3	16.7	10.9	7.09	3.12	0.00	0.00	0.00		154		

Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2023

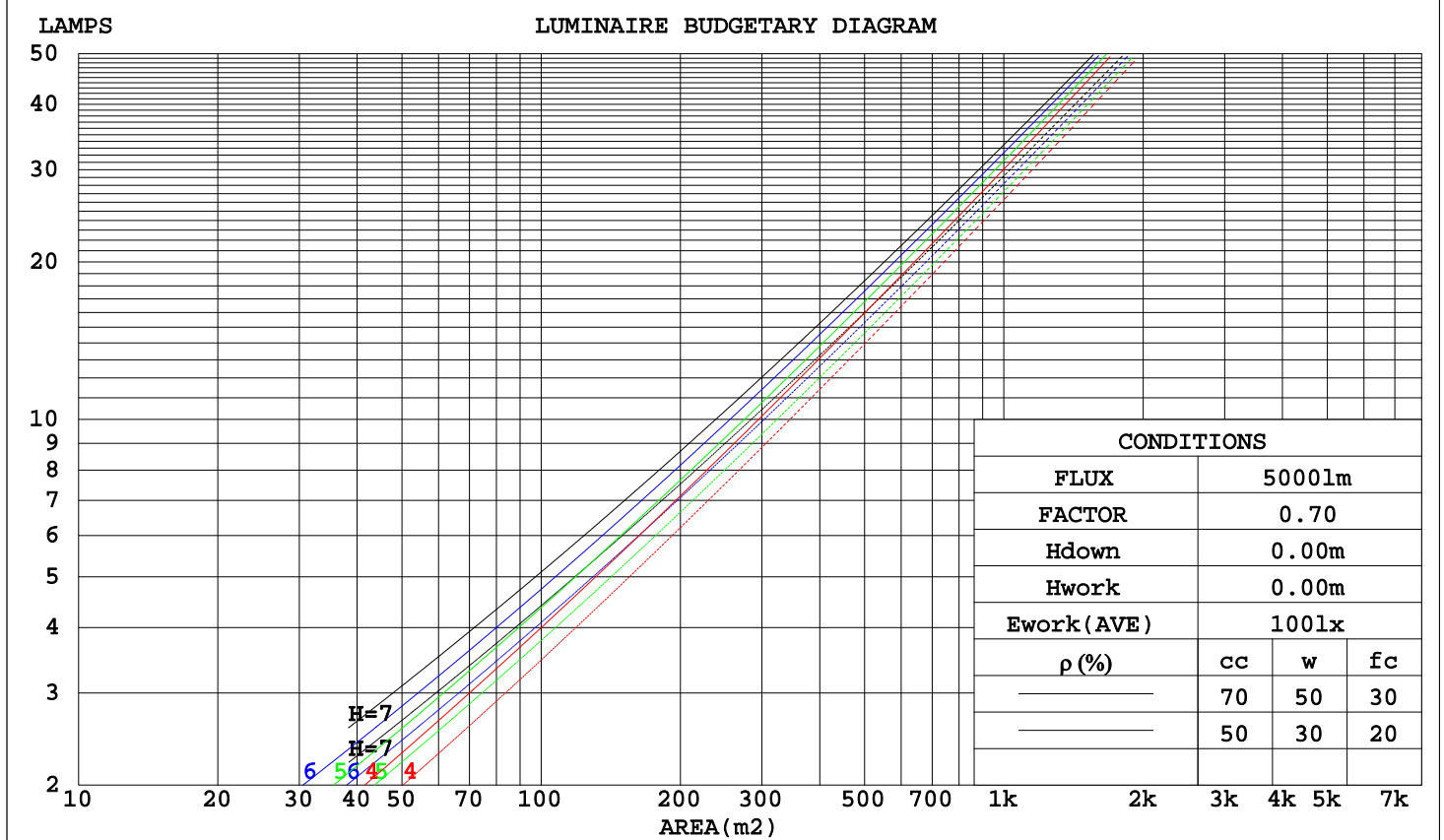
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

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:07-22-2023

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	.234	.133	.042	.227	.129	.041	.213	.122	.039	.201	.116	.037	.190	.110	.035	
2.0	.220	.120	.037	.214	.118	.036	.202	.112	.035	.192	.107	.034	.182	.103	.032	
3.0	.205	.109	.033	.200	.107	.032	.190	.103	.031	.181	.099	.030	.172	.095	.029	
4.0	.191	.099	.029	.187	.098	.029	.178	.094	.028	.170	.091	.028	.162	.088	.027	
5.0	.179	.091	.026	.175	.090	.026	.167	.087	.026	.160	.084	.025	.153	.082	.025	
6.0	.168	.084	.024	.164	.083	.024	.158	.081	.023	.151	.079	.023	.145	.076	.023	
7.0	.158	.078	.022	.155	.077	.022	.149	.075	.022	.143	.073	.021	.138	.072	.021	
8.0	.149	.073	.020	.146	.072	.020	.141	.070	.020	.136	.069	.020	.131	.067	.020	
9.0	.141	.068	.019	.139	.068	.019	.134	.066	.019	.129	.065	.019	.125	.063	.018	
10.0	.134	.064	.018	.132	.064	.018	.127	.062	.018	.123	.061	.017	.119	.060	.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	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.181	.163	.146	.155	.140	.126	.106	.096	.087	.061	.056	.051	.020	.018	.016	
2.0	.169	.138	.113	.145	.119	.098	.099	.082	.068	.057	.048	.040	.018	.016	.013	
3.0	.158	.120	.090	.136	.104	.078	.093	.072	.055	.054	.042	.032	.017	.014	.011	
4.0	.149	.106	.073	.128	.092	.064	.088	.064	.045	.051	.037	.026	.016	.012	.009	
5.0	.140	.095	.061	.121	.082	.053	.083	.057	.038	.048	.034	.022	.016	.011	.007	
6.0	.133	.086	.052	.114	.074	.045	.079	.052	.032	.046	.031	.019	.015	.010	.006	
7.0	.126	.079	.045	.109	.068	.039	.075	.048	.028	.044	.028	.017	.014	.009	.005	
8.0	.120	.072	.040	.103	.063	.035	.072	.044	.025	.042	.026	.015	.013	.009	.005	
9.0	.115	.067	.035	.099	.058	.031	.068	.041	.022	.040	.024	.013	.013	.008	.004	
10.0	.109	.063	.032	.094	.055	.028	.065	.038	.020	.038	.023	.012	.012	.007	.004	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2023

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	7.1	8.3	7.4	8.4	8.6	7.0	8.2	7.3	8.4	8.6
	3H	8.3	9.4	8.6	9.6	9.8	8.4	9.5	8.7	9.7	9.9
	4H	8.8	9.8	9.1	10.0	10.3	9.1	10.2	9.4	10.4	10.6
	6H	9.2	10.1	9.5	10.4	10.7	9.9	10.8	10.2	11.1	11.4
	8H	9.4	10.3	9.7	10.6	10.8	10.2	11.2	10.6	11.4	11.7
	12H	9.5	10.4	9.8	10.7	11.0	10.7	11.5	11.0	11.8	12.1
4H	2H	7.6	8.6	7.9	8.8	9.1	7.5	8.5	7.8	8.8	9.0
	3H	9.0	9.9	9.3	10.2	10.5	9.1	10.0	9.5	10.3	10.6
	4H	9.6	10.4	10.0	10.7	11.1	10.0	10.8	10.4	11.1	11.5
	6H	10.2	10.9	10.6	11.2	11.6	10.9	11.7	11.3	12.0	12.4
	8H	10.4	11.1	10.8	11.5	11.9	11.4	12.0	11.8	12.4	12.8
	12H	10.6	11.3	11.1	11.6	12.1	11.9	12.5	12.3	12.9	13.3
8H	4H	9.9	10.6	10.3	11.0	11.4	10.3	11.0	10.7	11.3	11.7
	6H	10.7	11.2	11.1	11.7	12.1	11.4	12.0	11.9	12.4	12.8
	8H	11.1	11.6	11.5	12.0	12.5	12.0	12.5	12.4	12.9	13.4
	12H	11.4	11.8	11.9	12.3	12.8	12.7	13.1	13.2	13.5	14.0
12H	4H	10.0	10.6	10.4	11.0	11.4	10.3	10.9	10.7	11.3	11.7
	6H	10.8	11.3	11.3	11.7	12.2	11.5	12.0	12.0	12.4	12.9
	8H	11.3	11.7	11.8	12.2	12.6	12.1	12.5	12.6	13.0	13.5
Variations with the observer position at spacings:											
S = 1.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H		+ 0.1 / - 0.2					+ 0.1 / - 0.1				
2.0H		+ 0.2 / - 0.3					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 200.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -5.6)

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2023

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	73	64	59	73	64	59	72	64	59	54
0.80	82	73	68	81	73	68	80	72	67	62
1.00	88	80	75	87	80	75	85	80	74	69
1.25	94	86	81	93	86	81	90	84	80	74
1.50	98	90	85	96	90	85	93	88	84	78
2.00	102	96	91	100	95	90	97	93	89	82
2.50	105	99	95	103	98	94	99	95	92	85
3.00	107	102	98	105	101	97	101	98	95	87
4.00	110	106	102	108	104	101	104	101	98	90
5.00	112	108	105	109	106	104	105	103	101	92
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

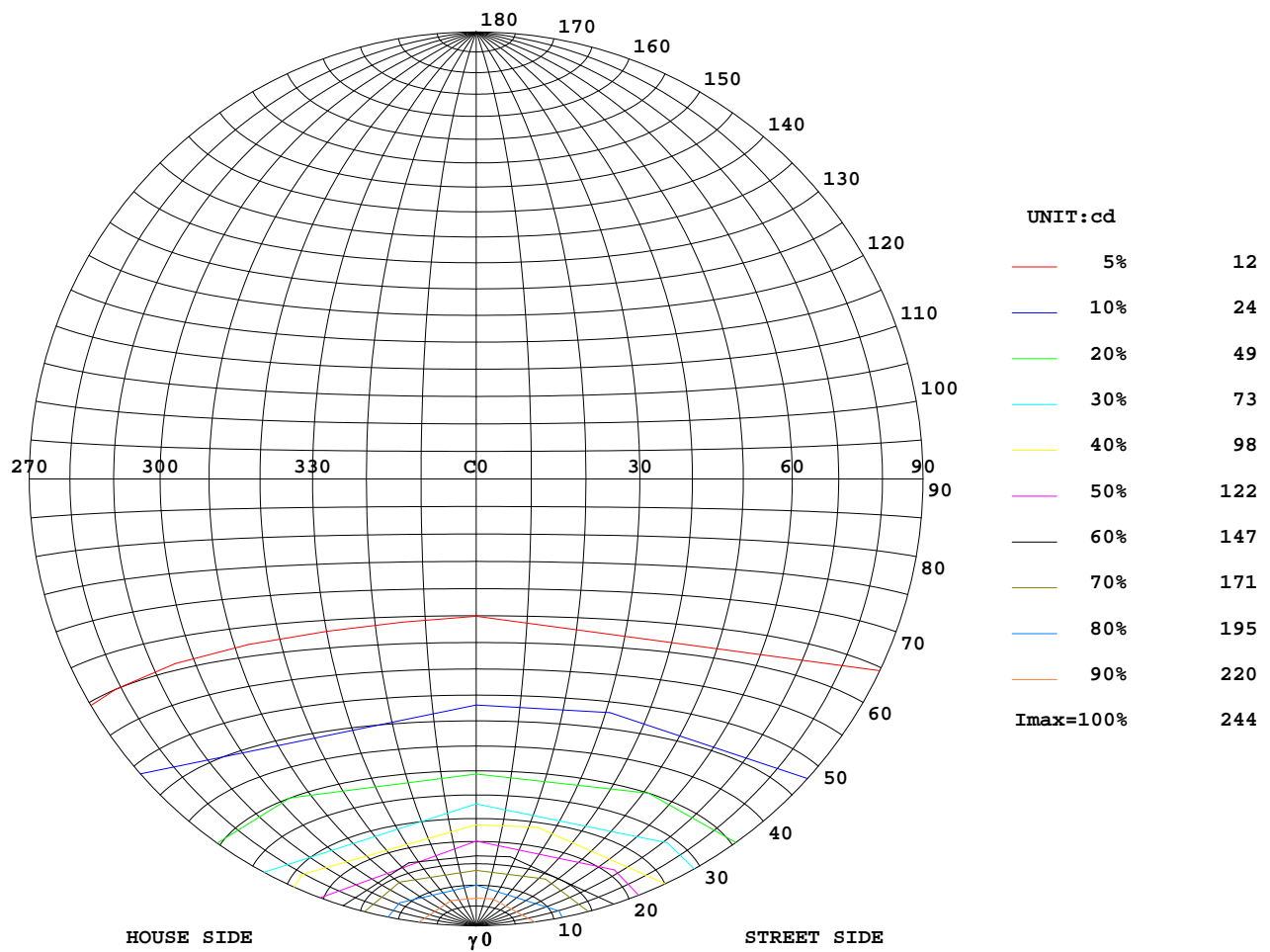
Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2023

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:07-22-2023

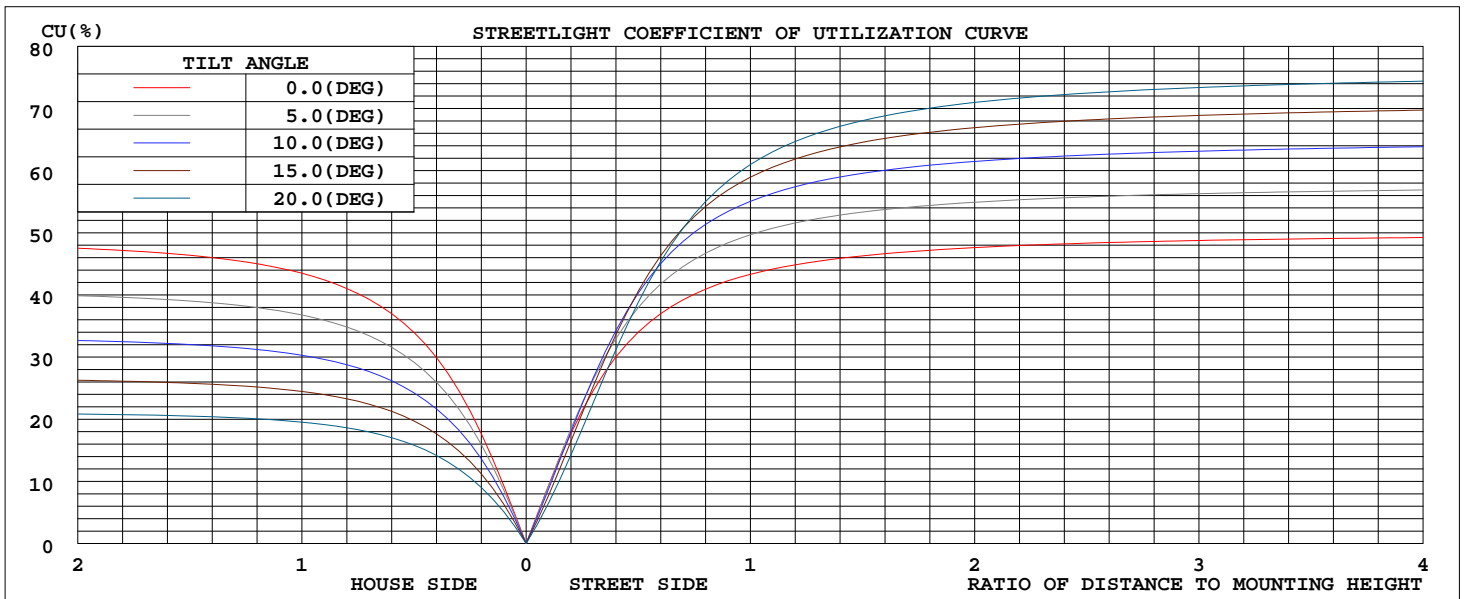
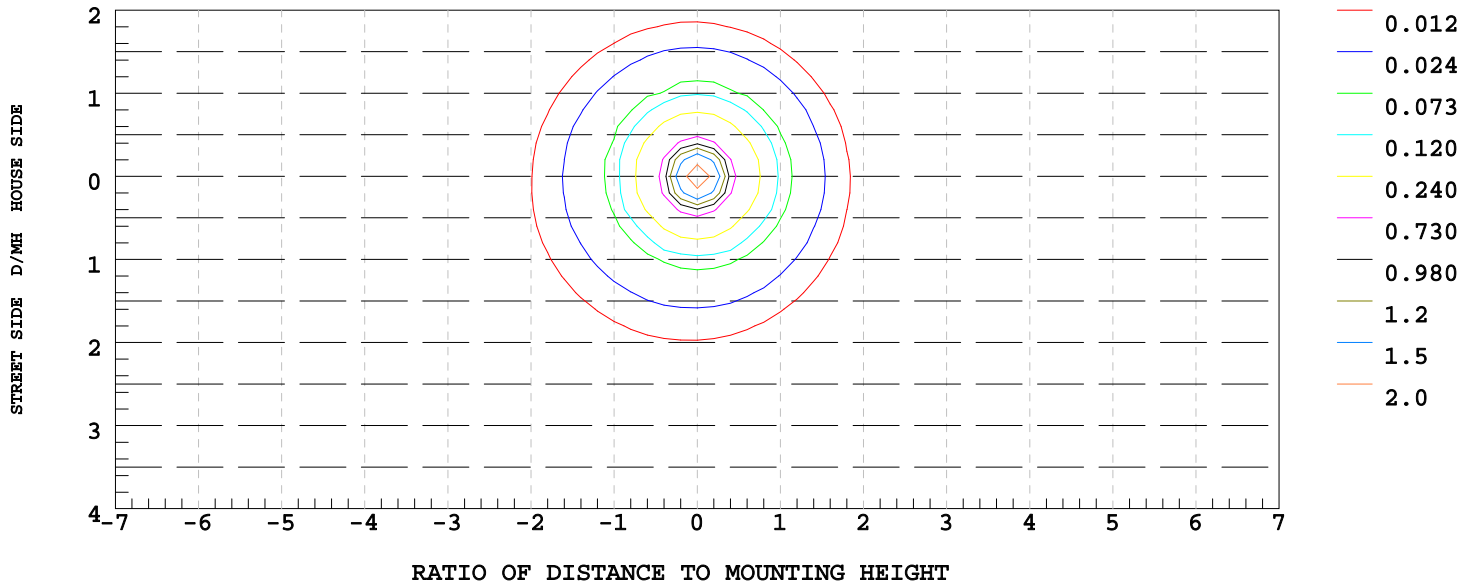
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 2.44 lx



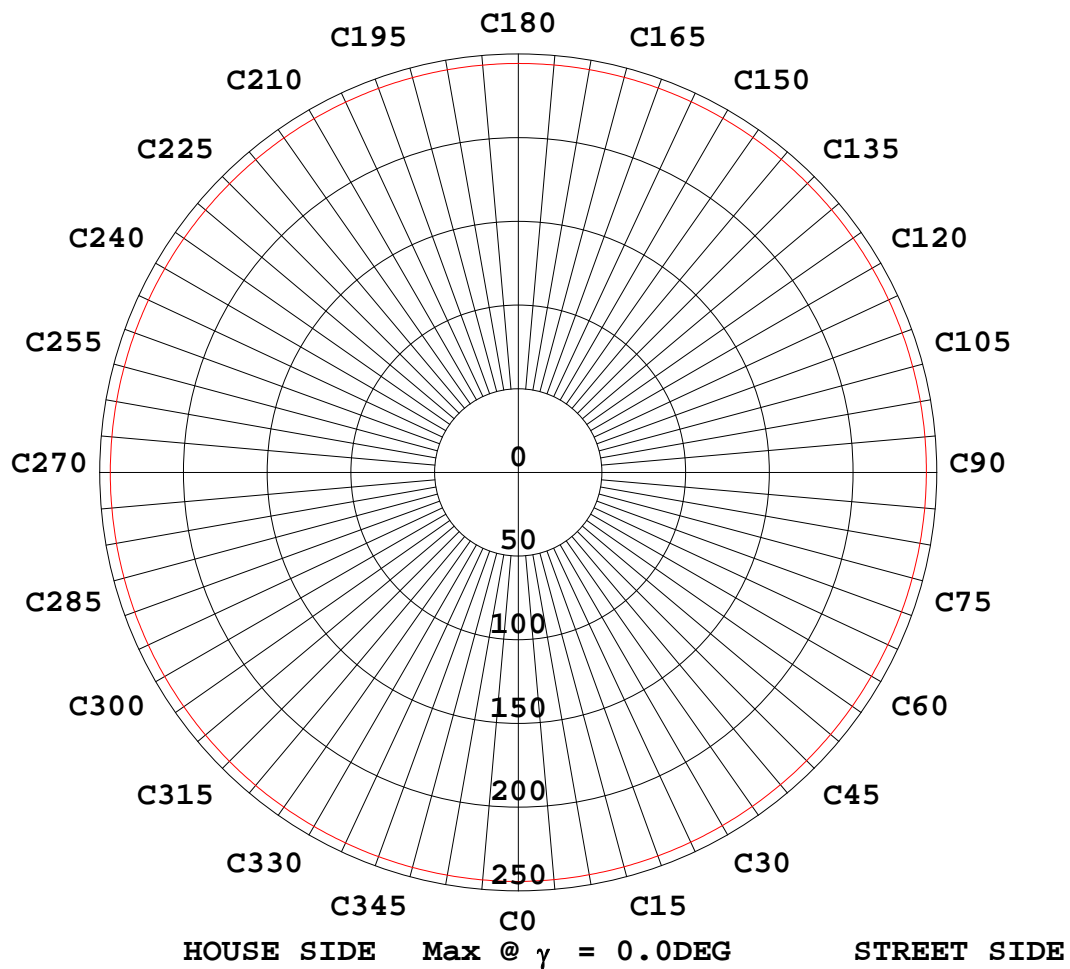
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-22-2023

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:07-22-2023

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	244	244	244	244
5.0	231	233	233	231
10.0	196	205	204	201
15.0	160	167	167	167
20.0	123	131	126	129
25.0	90.0	97.7	90.9	95.9
30.0	64.0	68.9	66.7	71.8
35.0	46.8	50.3	50.0	52.7
40.0	35.3	37.7	39.0	40.7
45.0	25.9	28.0	30.5	31.6
50.0	22.8	21.9	22.5	23.0
55.0	18.9	17.4	16.1	16.8
60.0	15.3	14.4	11.8	12.3
65.0	12.1	12.0	8.85	8.84
70.0	8.80	10.0	6.49	6.50
75.0	5.94	8.21	4.71	4.77
80.0	4.04	6.11	2.39	3.31
85.0	1.89	4.46	0.01	1.98
90.0	1.28	1.73	0.02	1.00
95.0	0.26	0.57	0.03	0.35
100.0	0.09	0.10	0.05	0.10
105.0	0.09	0.06	0.07	0.10
110.0	0.09	0.07	0.09	0.11
115.0	0.11	0.10	0.11	0.12
120.0	0.13	0.13	0.13	0.13
125.0	0.17	0.17	0.15	0.15
130.0	0.20	0.22	0.19	0.19
135.0	0.24	0.26	0.23	0.22
140.0	0.29	0.32	0.29	0.28
145.0	0.35	0.39	0.36	0.35
150.0	0.42	0.46	0.45	0.43
155.0	0.49	0.52	0.52	0.50
160.0	0.53	0.55	0.57	0.54
165.0	0.53	0.54	0.58	0.55
170.0	0.50	0.50	0.56	0.53
175.0	0.48	0.49	0.54	0.51
180.0	0.49	0.47	0.49	0.47

Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-22-2023

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