

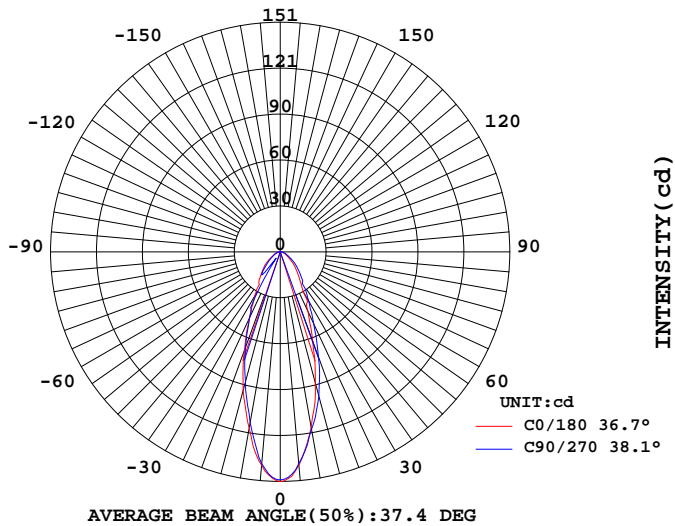
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

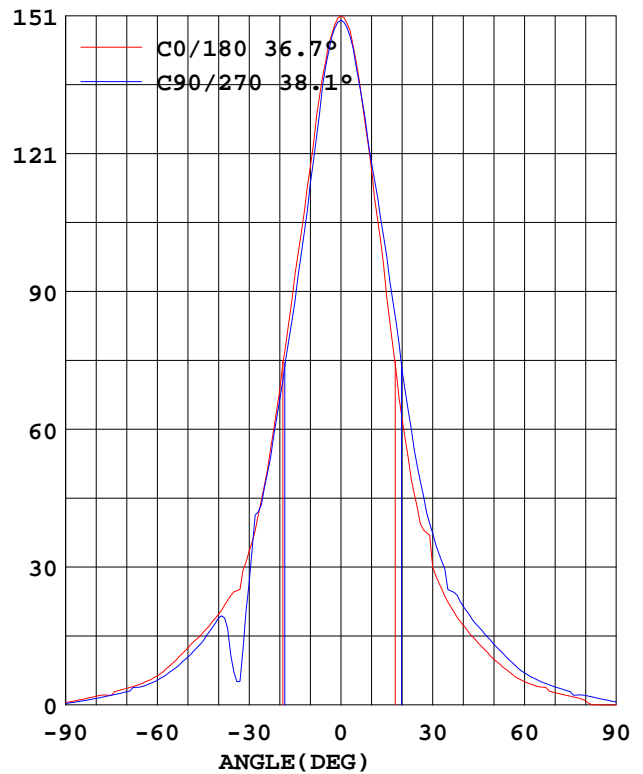
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	150.7	S/MH(C0/180)	0.60
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.57
NOMINAL POWER(W)	1	TOTAL FLUX(lm)	102.2	Voltage(V)	11.96
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	85.2	Current(A)	0.127
NOMINAL FLUX(lm)	102.2	η up(%)	0.7	Power(W)	1.200
LAMPS QUANTITY	1	η down(%)	99.3	Power Factor(PF)	0.786
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	80.6	EEI	0.101

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:06-12-2023

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.:

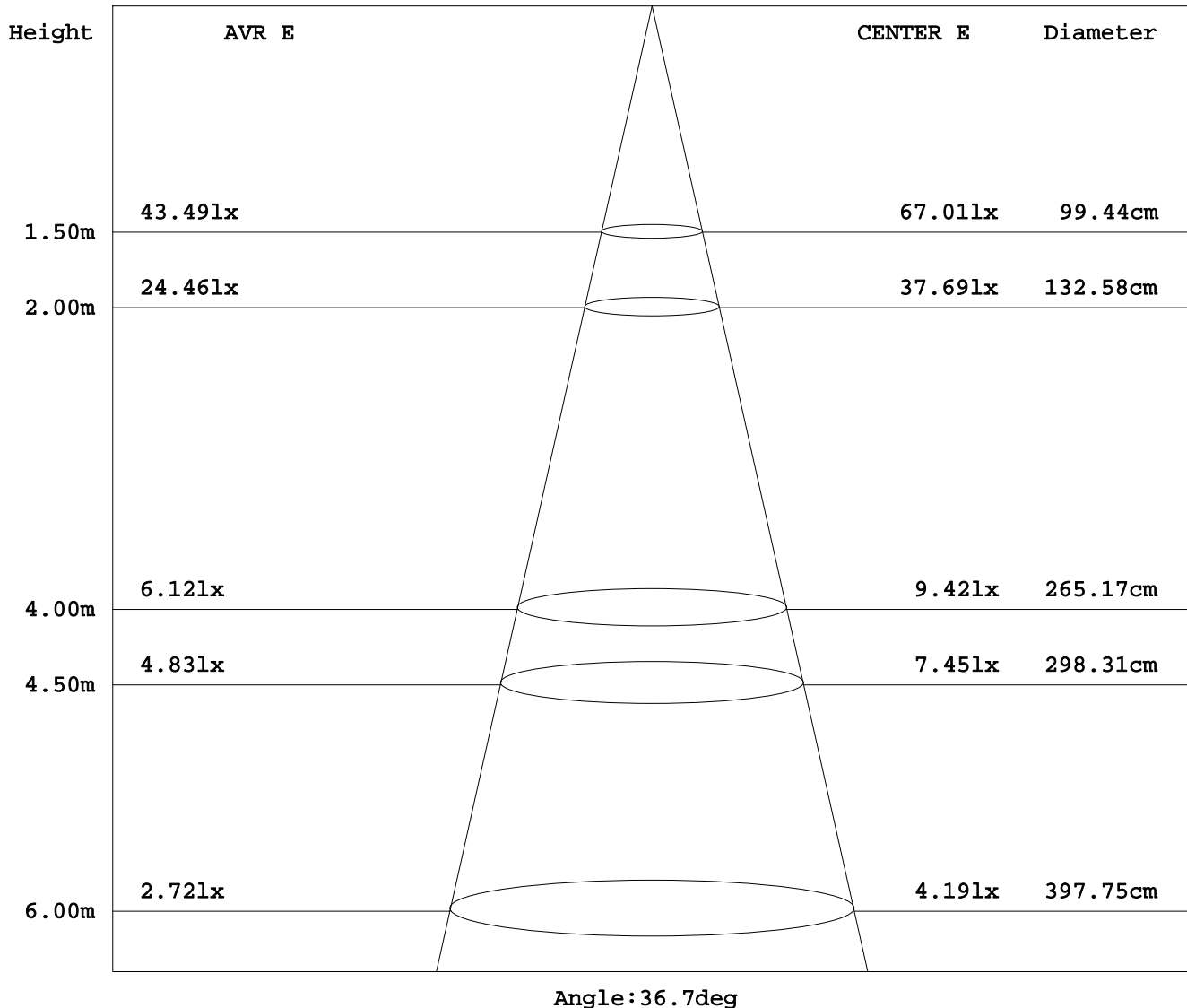
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:06-12-2023

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: 06-12-2023

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	140.7	139.6	140.7	139.6					0- 5	3.471	3.471
10.0	117.5	113.9	117.2	118.4					5- 10	9.139	12.61
15.0	94.29	88.33	89.16	98.11					10- 15	12.32	24.94
20.0	68.74	66.69	62.56	73.12					15- 20	13.12	38.06
25.0	48.08	47.59	43.11	52.16					20- 25	11.95	50.02
30.0	33.59	26.55	30.12	37.56					25- 30	10.20	60.22
35.0	24.72	7.184	22.51	25.22					30- 35	7.189	67.41
40.0	19.80	19.02	17.41	21.54					35- 40	6.824	74.24
45.0	15.91	14.00	13.42	17.06					40- 45	6.367	80.60
50.0	12.46	10.48	10.00	13.26					45- 50	5.373	85.98
55.0	9.114	7.623	7.214	9.858					50- 55	4.337	90.31
60.0	6.365	5.382	5.069	7.025					55- 60	3.289	93.60
65.0	4.681	4.023	3.928	5.201					60- 65	2.510	96.11
70.0	3.618	2.887	2.684	3.930					65- 70	1.980	98.09
75.0	2.085	2.102	1.909	2.898					70- 75	1.471	99.57
80.0	1.919	1.429	0.853	2.076					75- 80	1.012	100.5
85.0	1.149	0.817	0	1.318					80- 85	0.611	101.1
90.0	0.513	0.335	0	0.645					85- 90	0.322	101.5
95.0	0.070	0.097	0.004	0.096					90- 95	0.109	101.6
100.0	0.045	0.031	0.010	0.051					95-100	0.022	101.6
105.0	0.041	0.027	0.016	0.048					100-105	0.018	101.6
110.0	0.045	0.036	0.029	0.046					105-110	0.019	101.6
115.0	0.049	0.051	0.042	0.052					110-115	0.022	101.7
120.0	0.060	0.070	0.057	0.056					115-120	0.026	101.7
125.0	0.072	0.088	0.073	0.069					120-125	0.031	101.7
130.0	0.085	0.103	0.092	0.081					125-130	0.036	101.7
135.0	0.103	0.121	0.115	0.087					130-135	0.040	101.8
140.0	0.127	0.156	0.146	0.098					135-140	0.044	101.8
145.0	0.157	0.192	0.191	0.152					140-145	0.050	101.9
150.0	0.196	0.241	0.238	0.207					145-150	0.058	101.9
155.0	0.245	0.270	0.288	0.255					150-155	0.061	102.0
160.0	0.287	0.290	0.314	0.306					155-160	0.059	102.1
165.0	0.303	0.291	0.326	0.328					160-165	0.050	102.1
170.0	0.288	0.270	0.307	0.320					165-170	0.036	102.1
175.0	0.275	0.266	0.293	0.299					170-175	0.021	102.2
180.0	0.267	0.270	0.267	0.270					175-180	0.007	102.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:06-12-2023

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

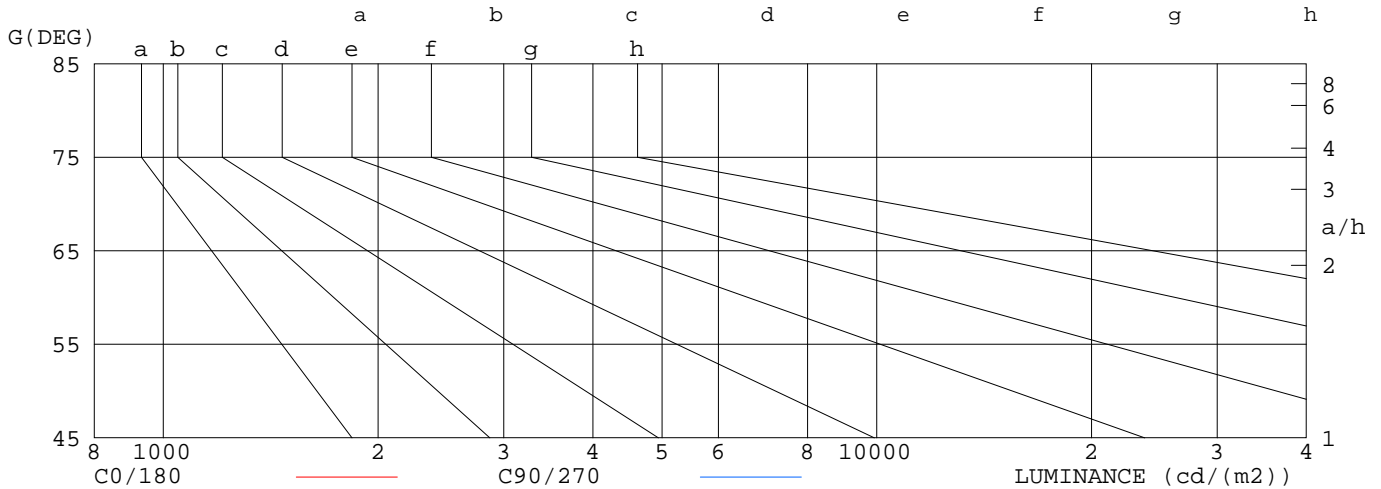
LUMINANCE LIMITATION CURVES

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	132	94
80	111	82
75	81	81
70	106	84
65	111	95
60	127	108
55	159	133
50	194	163
45	225	198

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

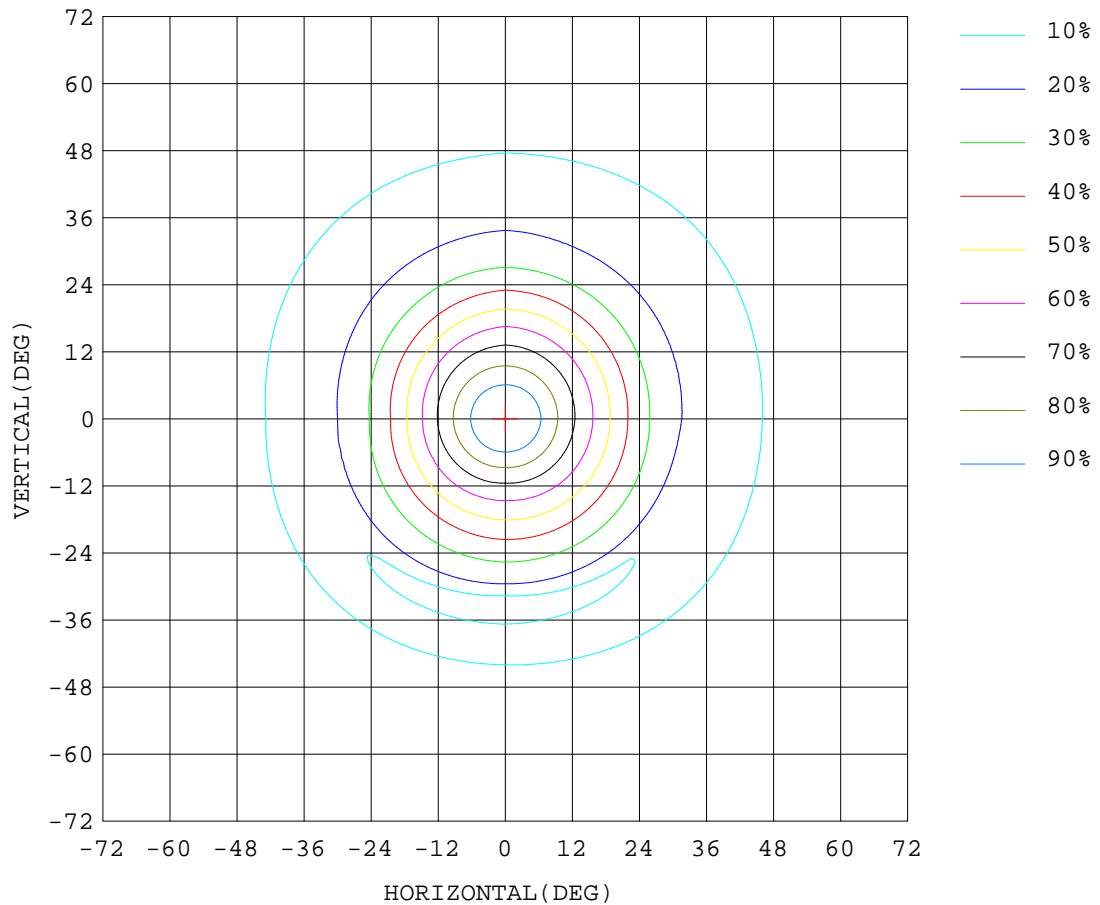
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



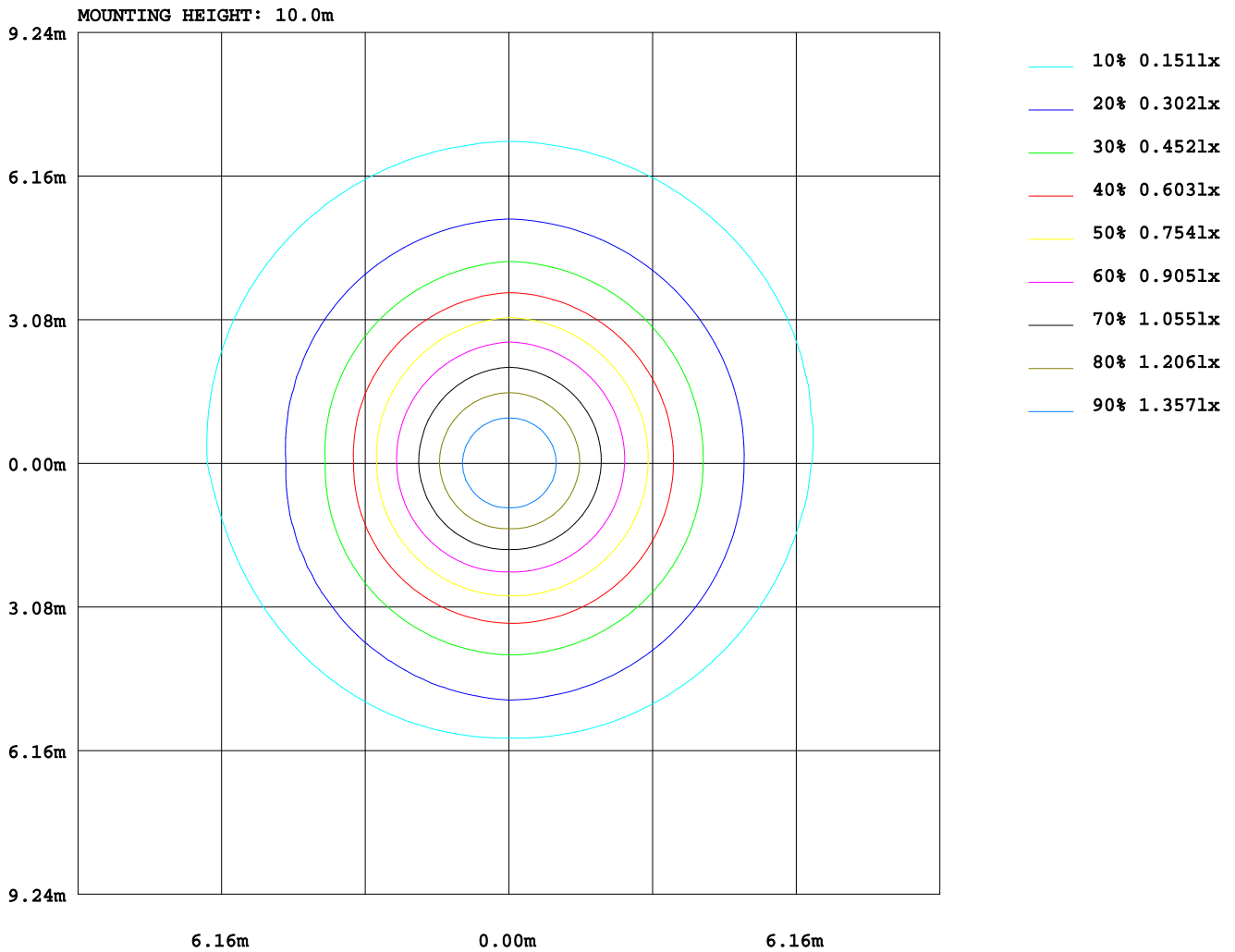
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

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:06-12-2023

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
	0.00	0.01	0.02	0.03	0.05	0.06	0.07	0.08	0.08	0.09	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.87	0.74		
64	0.01	0.02	0.03	0.05	0.07	0.09	0.11	0.12	0.14	0.14	0.13	0.11	0.09	0.07	0.06	0.04	0.02	0.01	1.31	1.14		
56	0.01	0.03	0.04	0.07	0.10	0.13	0.17	0.21	0.23	0.23	0.21	0.18	0.14	0.11	0.08	0.05	0.03	0.02	2.03	1.80		
48	0.02	0.03	0.06	0.09	0.14	0.20	0.26	0.31	0.34	0.34	0.32	0.27	0.22	0.16	0.10	0.06	0.04	0.02	2.97	2.68		
40	0.02	0.04	0.07	0.12	0.19	0.27	0.36	0.44	0.50	0.50	0.45	0.38	0.29	0.21	0.14	0.08	0.04	0.02	4.11	3.75		
32	0.02	0.04	0.08	0.15	0.24	0.35	0.50	0.68	0.81	0.81	0.69	0.51	0.38	0.27	0.17	0.10	0.05	0.03	5.86	5.44		
24	0.02	0.05	0.10	0.18	0.29	0.45	0.72	1.06	1.36	1.38	1.10	0.75	0.47	0.31	0.20	0.11	0.06	0.03	8.65	8.17		
VERTICAL (DEG)	0.02	0.05	0.10	0.19	0.32	0.56	0.97	1.58	2.05	2.06	1.63	1.03	0.58	0.35	0.22	0.13	0.06	0.03	11.9	11.4		
	0.02	0.05	0.11	0.20	0.34	0.62	1.14	1.95	2.62	2.62	1.99	1.24	0.67	0.37	0.23	0.13	0.06	0.03	14.4	13.8		
	0.02	0.05	0.11	0.20	0.33	0.61	1.13	1.92	2.60	2.60	1.96	1.22	0.65	0.36	0.23	0.13	0.06	0.03	14.2	13.7		
	0.02	0.05	0.10	0.19	0.30	0.51	0.94	1.50	1.93	1.94	1.55	1.00	0.53	0.33	0.22	0.12	0.06	0.03	11.3	10.8		
	0.02	0.05	0.09	0.17	0.27	0.34	0.67	1.00	1.25	1.26	1.03	0.69	0.36	0.30	0.19	0.11	0.05	0.03	7.88	7.42		
	0.02	0.04	0.08	0.14	0.22	0.30	0.31	0.50	0.67	0.67	0.51	0.32	0.33	0.25	0.16	0.09	0.05	0.03	4.68	4.29		
	0.02	0.04	0.06	0.11	0.17	0.25	0.32	0.30	0.26	0.26	0.31	0.33	0.27	0.19	0.13	0.07	0.04	0.02	3.15	2.82		
	0.01	0.03	0.05	0.08	0.12	0.17	0.22	0.26	0.29	0.29	0.27	0.24	0.19	0.14	0.09	0.06	0.04	0.02	2.58	2.31		
	0.01	0.02	0.04	0.06	0.08	0.11	0.14	0.17	0.18	0.18	0.17	0.15	0.12	0.09	0.07	0.05	0.03	0.02	1.69	1.48		
	0.01	0.02	0.03	0.04	0.06	0.07	0.09	0.10	0.11	0.11	0.10	0.09	0.08	0.07	0.05	0.04	0.02	0.01	1.09	0.94		
-24	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.07	0.06	0.05	0.04	0.03	0.02	0.02	0.01	0.72	0.60		
-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	0.30	0.63	1.19	2.09	3.32	5.15	8.16	12.2	15.4	15.5	12.6	8.67	5.49	3.66	2.41	1.43	0.77	0.39	102			
Φ a	0.00	0.00	0.00	1.43	3.32	5.15	8.16	12.2	15.4	15.5	12.6	8.67	5.49	3.66	1.64	0.00	0.00	0.00		81		

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

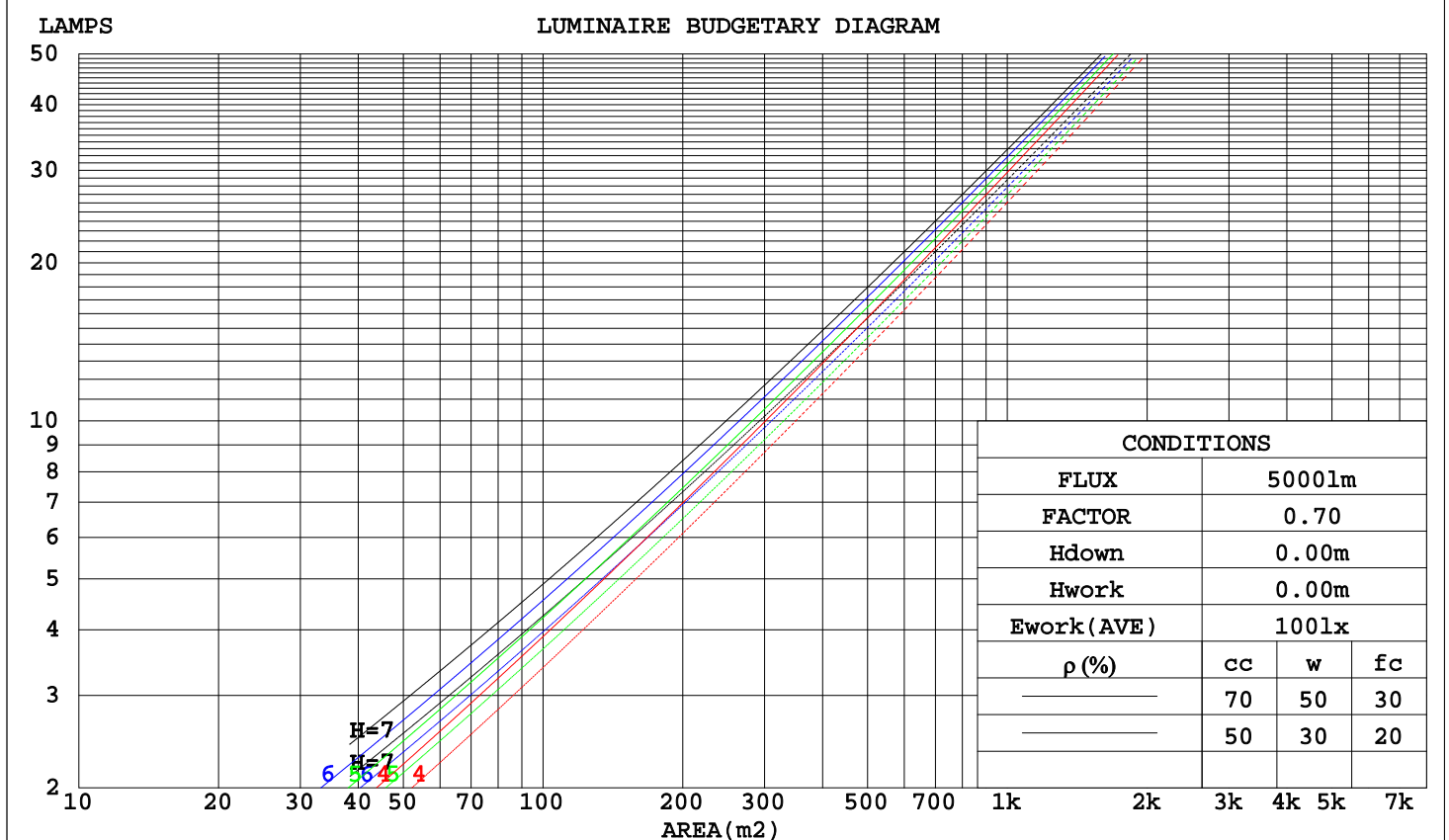
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

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:06-12-2023

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	.221	.126	.040	.214	.122	.039	.201	.115	.037	.189	.109	.035	.178	.103	.033	
2.0	.209	.114	.035	.203	.112	.034	.192	.106	.033	.181	.102	.032	.171	.097	.031	
3.0	.196	.104	.031	.190	.102	.031	.181	.098	.030	.172	.094	.029	.163	.090	.028	
4.0	.183	.095	.028	.178	.093	.028	.170	.090	.027	.162	.087	.026	.155	.084	.026	
5.0	.172	.087	.025	.168	.086	.025	.160	.083	.025	.153	.081	.024	.147	.078	.024	
6.0	.161	.081	.023	.158	.080	.023	.151	.077	.023	.145	.075	.022	.139	.073	.022	
7.0	.152	.075	.021	.149	.074	.021	.143	.072	.021	.137	.070	.021	.132	.069	.020	
8.0	.144	.070	.020	.141	.069	.020	.136	.068	.019	.131	.066	.019	.126	.065	.019	
9.0	.136	.066	.018	.134	.065	.018	.129	.064	.018	.124	.062	.018	.120	.061	.018	
10.0	.129	.062	.017	.127	.061	.017	.123	.060	.017	.119	.059	.017	.115	.058	.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	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.180	.162	.147	.154	.139	.126	.105	.096	.087	.060	.055	.051	.019	.018	.016	
2.0	.167	.138	.113	.143	.119	.098	.098	.082	.068	.056	.048	.040	.018	.015	.013	
3.0	.156	.119	.090	.133	.103	.078	.092	.071	.055	.053	.042	.032	.017	.014	.011	
4.0	.146	.105	.074	.125	.091	.064	.086	.063	.045	.050	.037	.027	.016	.012	.009	
5.0	.138	.094	.061	.118	.081	.053	.081	.057	.038	.047	.033	.022	.015	.011	.007	
6.0	.130	.085	.052	.112	.073	.045	.077	.051	.032	.045	.030	.019	.014	.010	.006	
7.0	.123	.077	.045	.106	.067	.039	.073	.047	.028	.043	.028	.017	.014	.009	.005	
8.0	.117	.071	.040	.101	.062	.034	.070	.043	.024	.041	.026	.015	.013	.008	.005	
9.0	.112	.066	.035	.096	.057	.031	.067	.040	.022	.039	.024	.013	.013	.008	.004	
10.0	.106	.062	.032	.092	.053	.028	.064	.038	.020	.037	.022	.012	.012	.007	.004	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

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	4.2	5.3	4.4	5.5	5.6	3.4	4.5	3.7	4.7	4.9	
	3H	5.0	6.0	5.3	6.2	6.5	4.2	5.3	4.5	5.5	5.7
	4H	5.4	6.3	5.7	6.6	6.8	4.6	5.6	4.9	5.8	6.0
	6H	5.8	6.7	6.1	6.9	7.2	4.9	5.8	5.2	6.1	6.3
	8H	6.0	6.8	6.3	7.1	7.4	5.0	5.9	5.4	6.2	6.5
	12H	6.2	7.0	6.5	7.3	7.6	5.2	6.0	5.5	6.3	6.6
4H 2H	4.4	5.4	4.7	5.6	5.9	3.8	4.7	4.1	5.0	5.2	
	3H	5.5	6.3	5.8	6.6	6.9	4.8	5.7	5.2	5.9	6.2
	4H	5.9	6.7	6.3	7.0	7.4	5.3	6.0	5.6	6.4	6.7
	6H	6.5	7.2	6.9	7.5	7.9	5.7	6.4	6.1	6.8	7.1
	8H	6.8	7.4	7.2	7.8	8.2	5.9	6.6	6.4	6.9	7.3
	12H	7.1	7.6	7.5	8.0	8.4	6.1	6.7	6.6	7.1	7.5
8H 4H	6.1	6.7	6.5	7.1	7.5	5.5	6.1	5.9	6.5	6.9	
	6H	6.8	7.3	7.3	7.8	8.2	6.1	6.6	6.6	7.0	7.5
	8H	7.2	7.7	7.7	8.1	8.6	6.4	6.9	6.9	7.3	7.8
	12H	7.6	8.0	8.1	8.5	9.0	6.7	7.1	7.2	7.6	8.1
12H 4H	6.1	6.7	6.5	7.0	7.5	5.5	6.1	5.9	6.5	6.9	
	6H	6.9	7.3	7.3	7.8	8.2	6.2	6.7	6.7	7.1	7.6
	8H	7.3	7.7	7.8	8.2	8.7	6.6	7.0	7.0	7.4	7.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.5					+ 0.5 / - 0.5					
1.5H	+ 0.2 / - 0.2					+ 0.3 / - 0.5					
2.0H	+ 0.9 / - 0.8					+ 0.9 / - 0.8					

CIE Pub.117 Corrected 102.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -7.9)

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

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	74	66	61	74	66	61	73	65	60	56
0.80	83	75	70	82	75	70	81	74	69	64
1.00	90	82	77	89	81	76	87	82	76	70
1.25	95	88	83	94	87	82	91	86	81	76
1.50	99	92	87	97	91	86	95	89	85	80
2.00	103	97	93	101	96	92	98	94	90	84
2.50	106	100	96	104	99	95	100	96	93	86
3.00	108	103	99	106	101	98	102	99	96	88
4.00	111	107	103	108	105	102	104	101	99	91
5.00	112	109	106	110	107	104	106	103	101	93
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

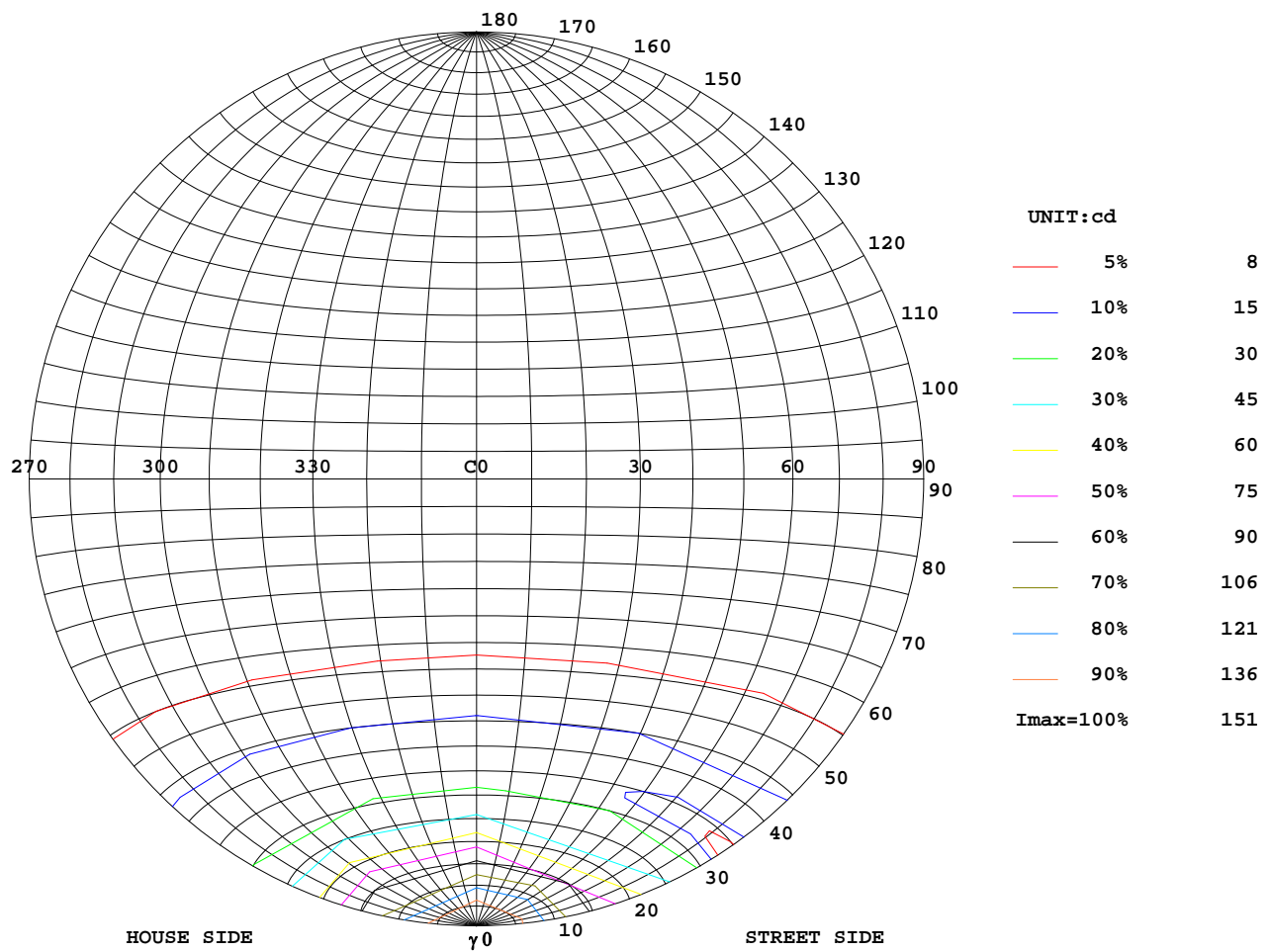
Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

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:06-12-2023

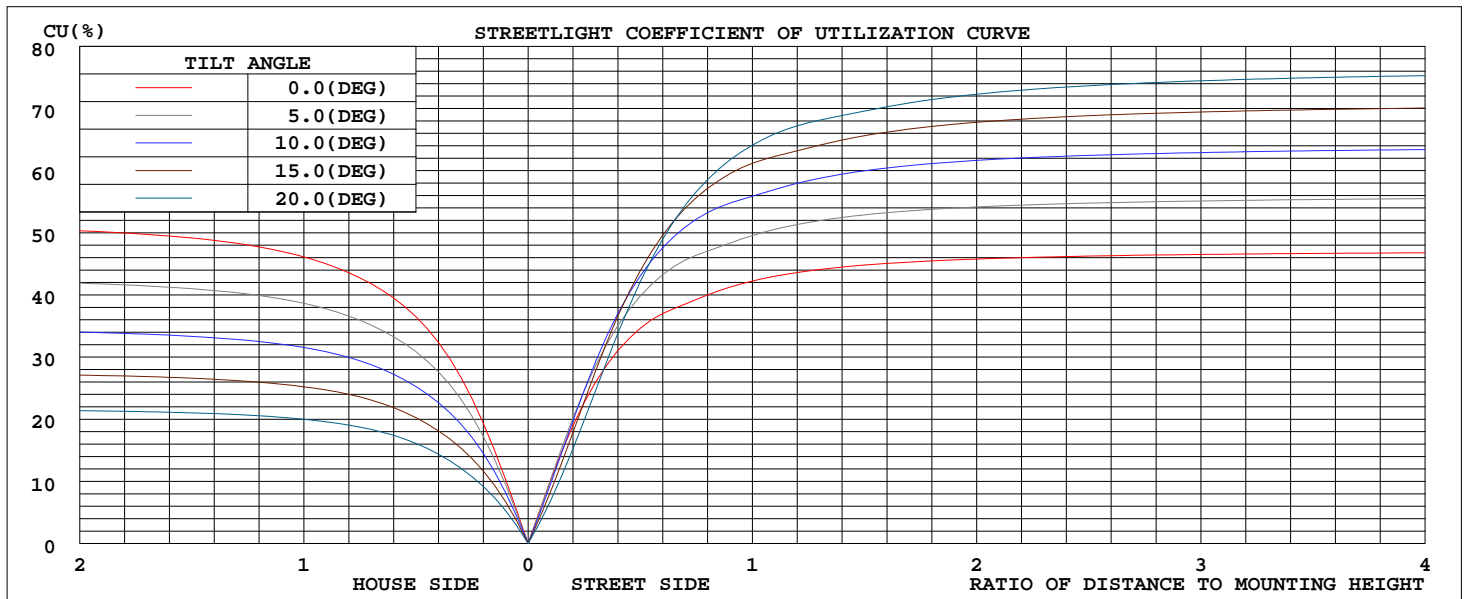
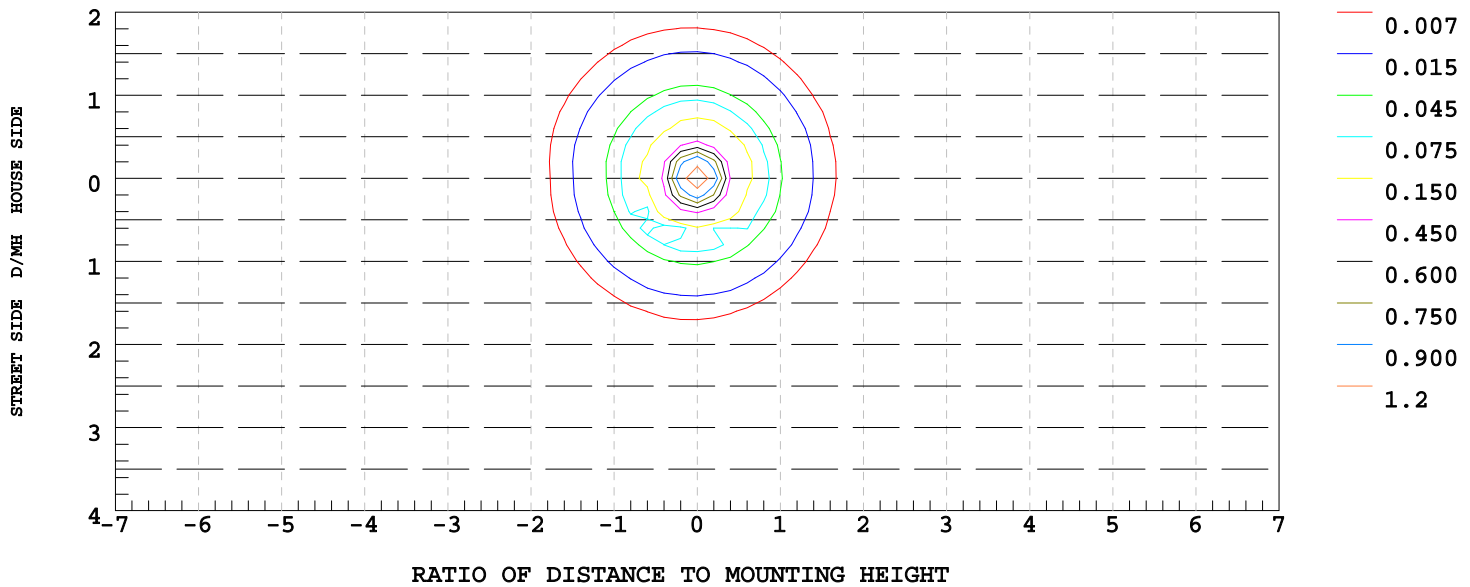
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 1.51 lx



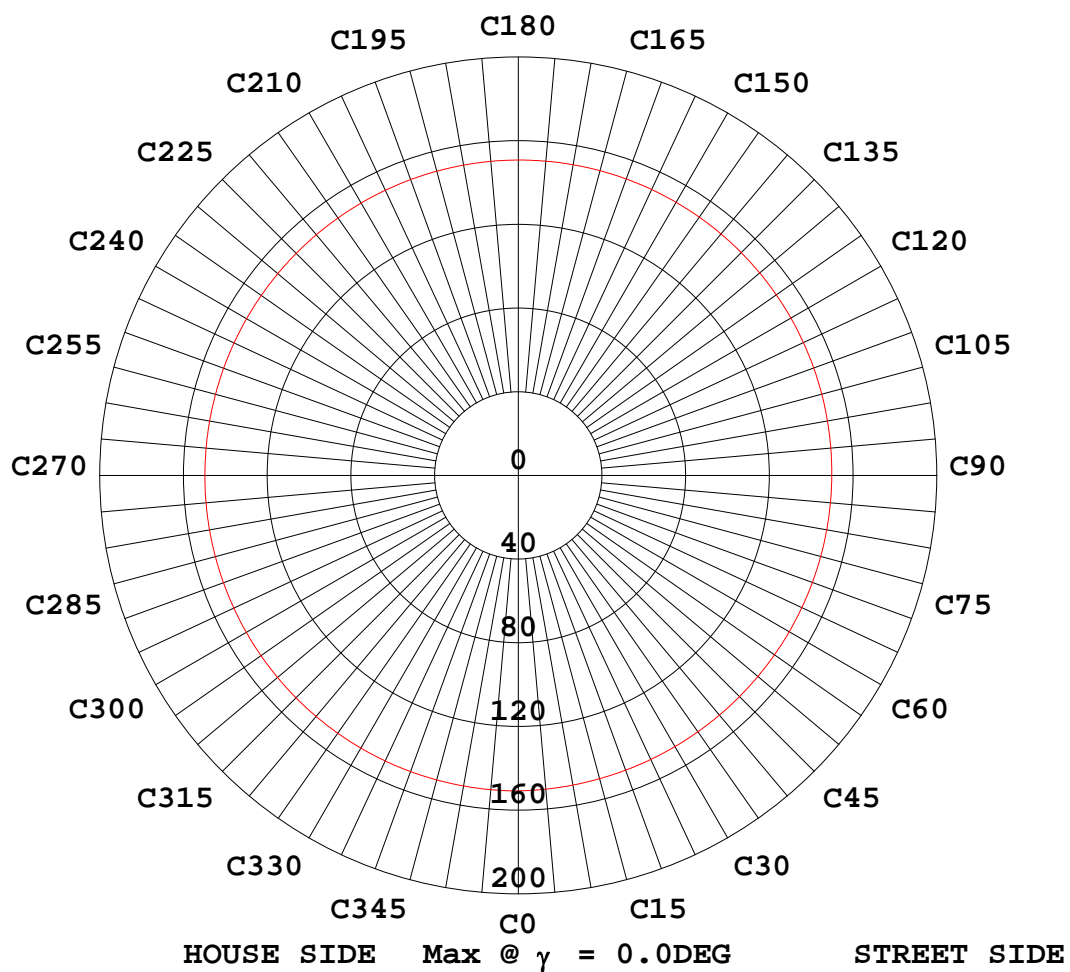
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:06-12-2023

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:06-12-2023

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	151	150	151	150
5.0	141	140	141	140
10.0	118	114	117	118
15.0	94.2	88.3	89.1	98.1
20.0	68.7	66.6	62.5	73.1
25.0	48.0	47.5	43.1	52.1
30.0	33.5	26.5	30.1	37.5
35.0	24.7	7.18	22.5	25.2
40.0	19.8	19.0	17.4	21.5
45.0	15.9	14.0	13.4	17.0
50.0	12.4	10.4	10.0	13.2
55.0	9.11	7.62	7.21	9.85
60.0	6.36	5.38	5.06	7.02
65.0	4.68	4.02	3.92	5.20
70.0	3.61	2.88	2.68	3.93
75.0	2.08	2.10	1.90	2.89
80.0	1.91	1.42	0.85	2.07
85.0	1.14	0.82	0.00	1.31
90.0	0.51	0.34	0.00	0.64
95.0	0.07	0.10	0.00	0.10
100.0	0.05	0.03	0.01	0.05
105.0	0.04	0.03	0.02	0.05
110.0	0.05	0.04	0.03	0.05
115.0	0.05	0.05	0.04	0.05
120.0	0.06	0.07	0.06	0.06
125.0	0.07	0.09	0.07	0.07
130.0	0.09	0.10	0.09	0.08
135.0	0.10	0.12	0.12	0.09
140.0	0.13	0.16	0.15	0.10
145.0	0.16	0.19	0.19	0.15
150.0	0.20	0.24	0.24	0.21
155.0	0.25	0.27	0.29	0.25
160.0	0.29	0.29	0.31	0.31
165.0	0.30	0.29	0.33	0.33
170.0	0.29	0.27	0.31	0.32
175.0	0.28	0.27	0.29	0.30
180.0	0.27	0.27	0.27	0.27

Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:06-12-2023

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