

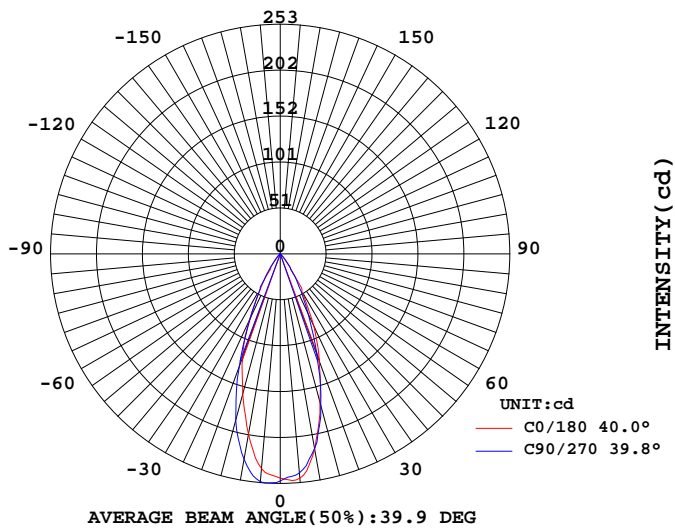
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

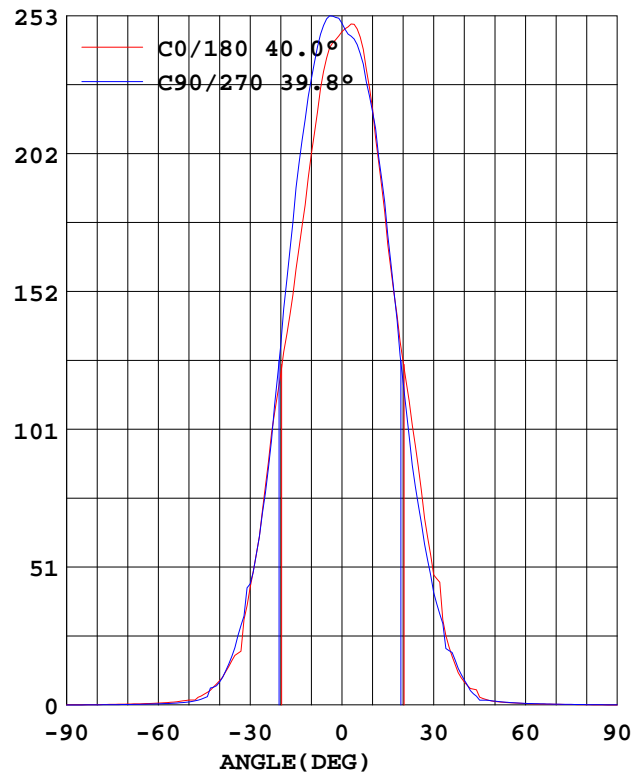
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	252.9	S/MH(C0/180)	0.62
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.64
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	125.0	Voltage(V)	12.02
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	38.0	Current(A)	0.362
NOMINAL FLUX(lm)	125.0	$\eta$ up(%)	0.6	Power(W)	3.290
LAMPS QUANTITY	1	$\eta$ down(%)	99.4	Power Factor(PF)	0.754
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	113.8	EEI	0.220

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.:

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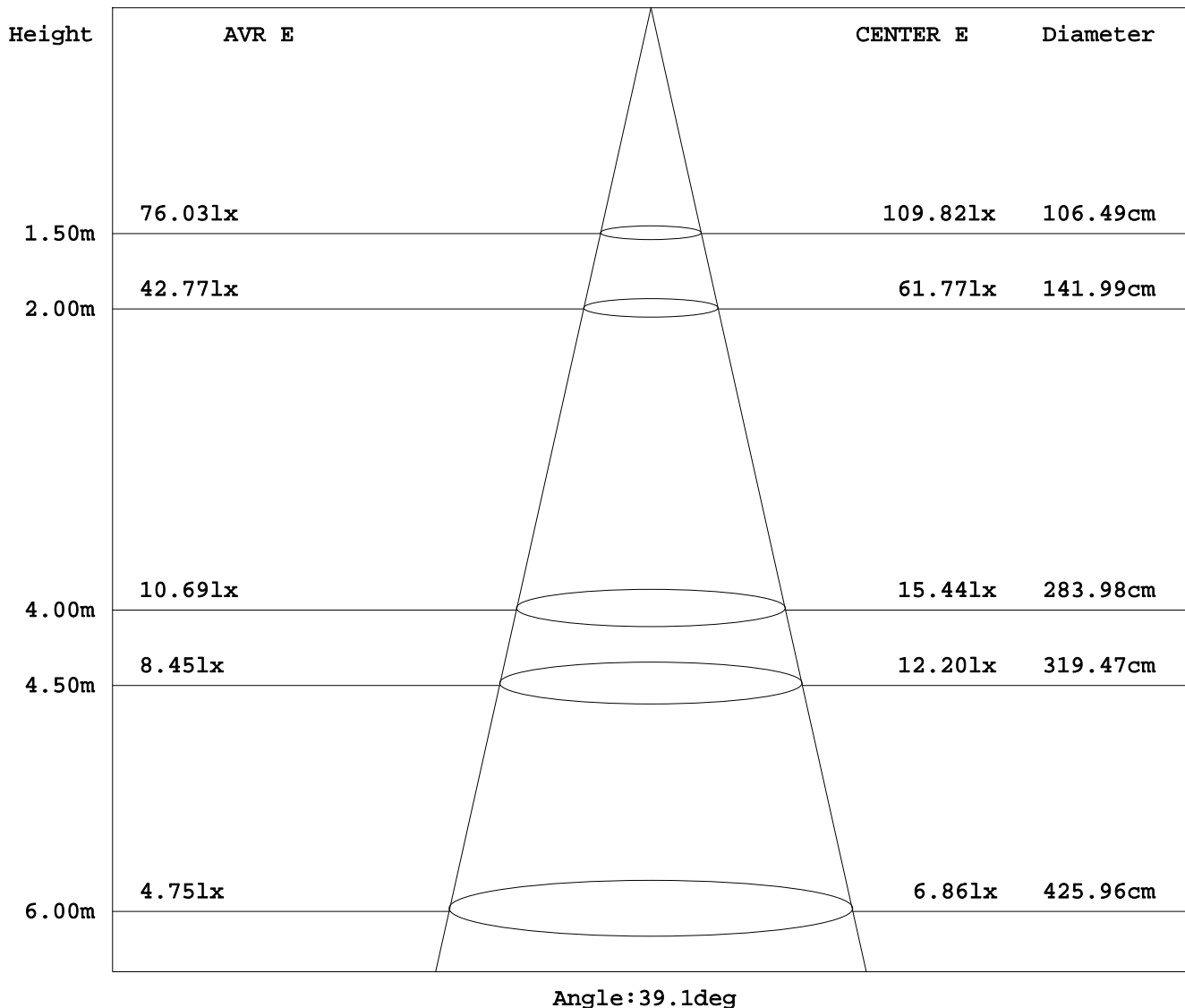
Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

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: 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:

# 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	237.3	251.7	248.0	242.2					0- 5	5.907	5.907
10.0	201.8	229.4	218.7	217.6					5- 10	16.53	22.44
15.0	159.9	189.7	169.0	172.4					10- 15	23.04	45.49
20.0	121.0	131.6	125.9	118.3					15- 20	24.31	69.81
25.0	80.36	77.92	87.30	73.33					20- 25	21.20	91.01
30.0	42.97	44.36	47.74	41.20					25- 30	15.19	106.2
35.0	18.19	20.96	21.39	19.93					30- 35	9.244	115.4
40.0	8.852	8.354	8.431	9.150					35- 40	4.636	120.0
45.0	3.975	2.547	2.843	1.725					40- 45	2.100	122.1
50.0	1.763	1.073	1.258	1.376					45- 50	0.777	122.9
55.0	1.049	0.631	0.791	0.871					50- 55	0.470	123.4
60.0	0.655	0.398	0.501	0.572					55- 60	0.309	123.7
65.0	0.432	0.251	0.325	0.378					60- 65	0.209	123.9
70.0	0.303	0.154	0.230	0.269					65- 70	0.147	124.1
75.0	0.204	0.087	0.148	0.185					70- 75	0.103	124.2
80.0	0.114	0.036	0.072	0.115					75- 80	0.064	124.2
85.0	0.044	0	0.012	0.062					80- 85	0.030	124.3
90.0	0.015	0	0	0.020					85- 90	0.009	124.3
95.0	0.010	0	0	0.016					90- 95	0.004	124.3
100.0	0.010	0	0	0.011					95-100	0.003	124.3
105.0	0.012	0	0	0.010					100-105	0.003	124.3
110.0	0.009	0	0	0.008					105-110	0.002	124.3
115.0	0.004	0	0.001	0.006					110-115	0.002	124.3
120.0	0.009	0.009	0.006	0.009					115-120	0.002	124.3
125.0	0.016	0.017	0.018	0.010					120-125	0.005	124.3
130.0	0.042	0.044	0.046	0.033					125-130	0.011	124.3
135.0	0.086	0.096	0.100	0.072					130-135	0.025	124.3
140.0	0.164	0.184	0.189	0.150					135-140	0.047	124.4
145.0	0.282	0.283	0.305	0.259					140-145	0.074	124.4
150.0	0.394	0.401	0.428	0.393					145-150	0.101	124.5
155.0	0.481	0.494	0.525	0.524					150-155	0.116	124.7
160.0	0.543	0.534	0.581	0.601					155-160	0.113	124.8
165.0	0.539	0.510	0.589	0.606					160-165	0.093	124.9
170.0	0.499	0.482	0.539	0.565					165-170	0.065	124.9
175.0	0.447	0.450	0.486	0.499					170-175	0.036	125.0
180.0	0.430	0.445	0.429	0.442					175-180	0.011	125.0
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:

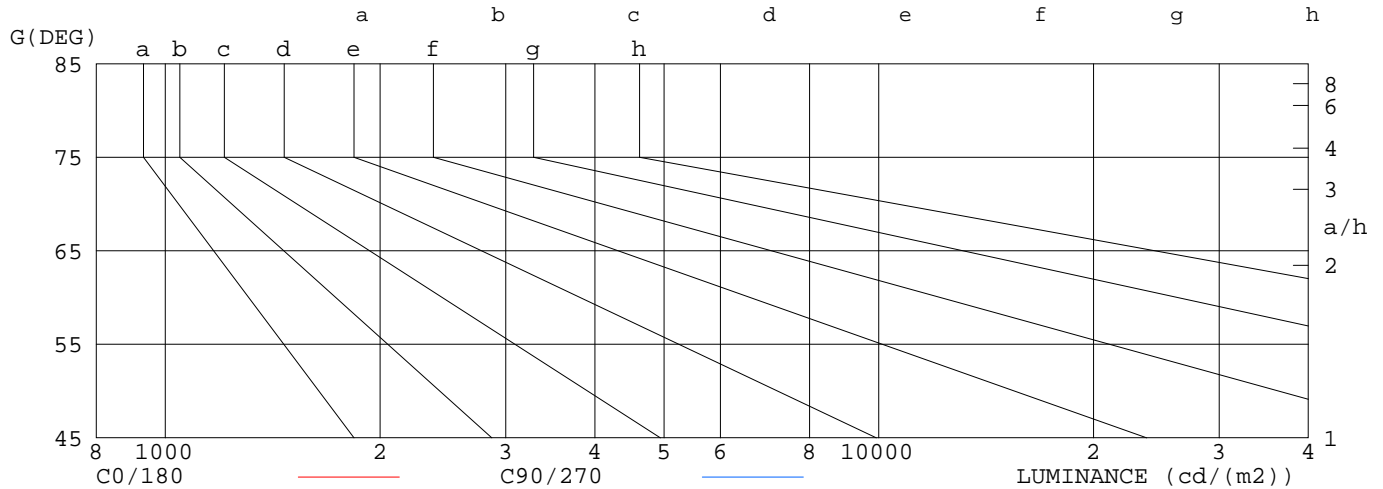
## LUMINANCE LIMITATION CURVES

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	5	0
80	7	2
75	8	3
70	9	5
65	10	6
60	13	8
55	18	11
50	27	17
45	56	36

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

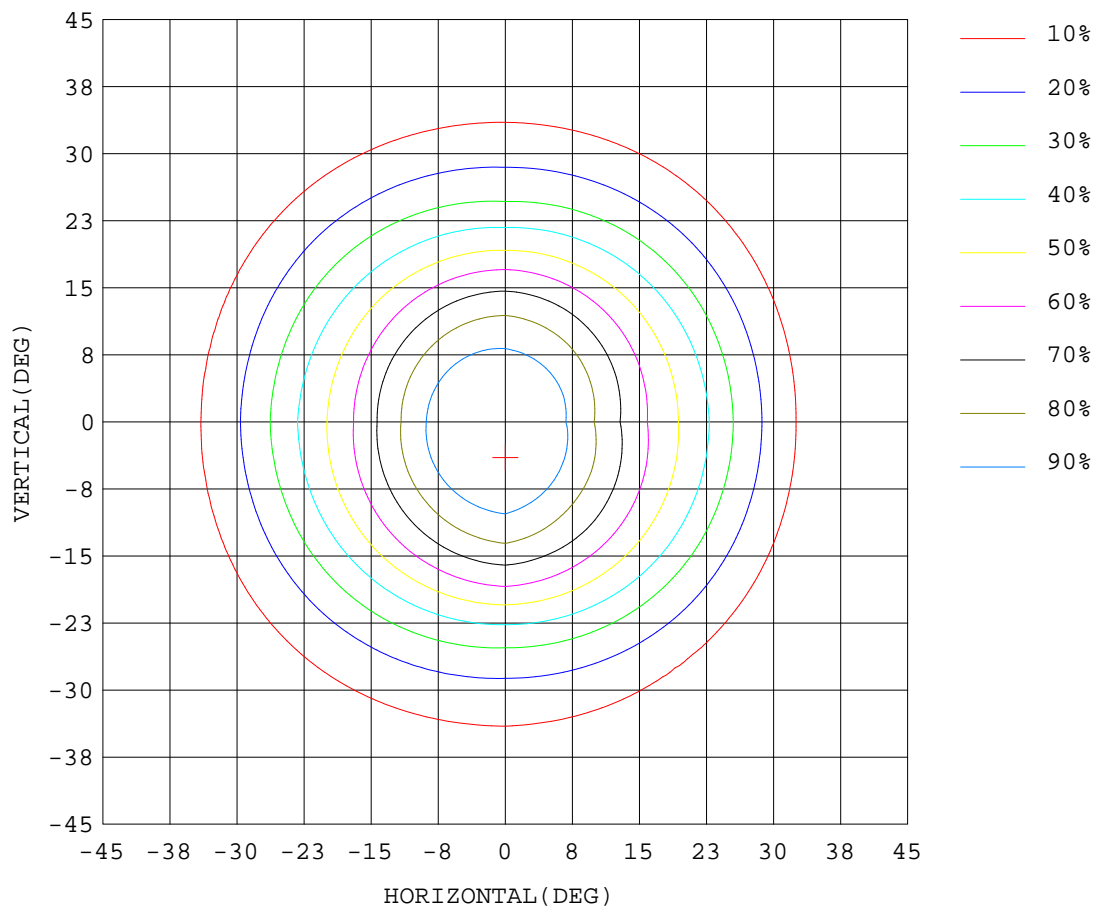
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:1.000 m  
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



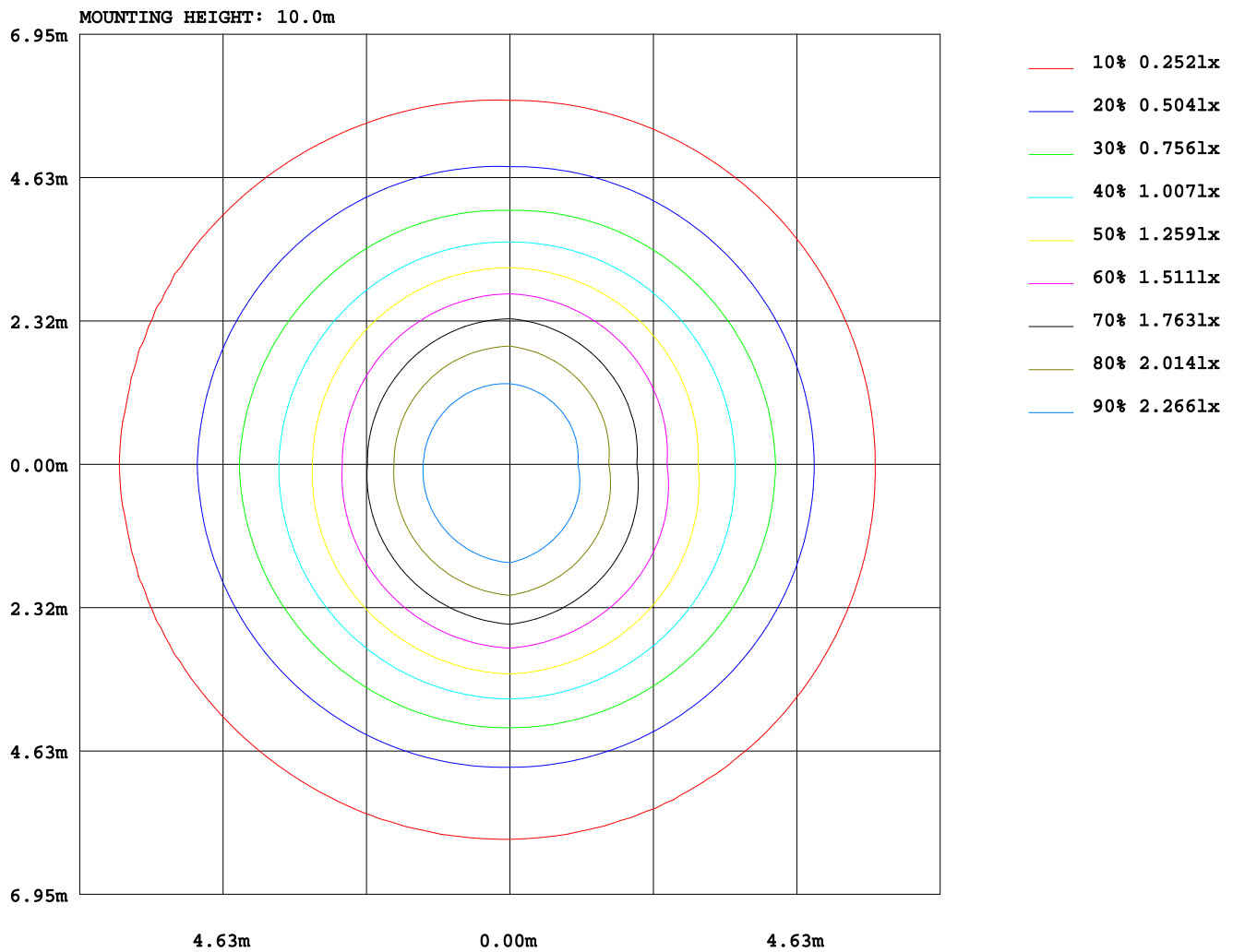
Test System:HOP00 HP880D  
 Temperature:25.3DEG  
 Operators:  
 Test Date:11-02-2023

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.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a						
	0.00	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.04	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.00	0.32	0.00								
45	0.00	0.01	0.01	0.02	0.03	0.06	0.08	0.10	0.11	0.11	0.10	0.08	0.06	0.03	0.02	0.01	0.01	0.01	0.85	0.00								
40	0.01	0.01	0.02	0.04	0.08	0.12	0.17	0.21	0.23	0.23	0.20	0.16	0.12	0.08	0.05	0.02	0.01	0.01	1.77	0.70								
35	0.01	0.02	0.04	0.09	0.15	0.25	0.33	0.39	0.43	0.43	0.39	0.31	0.22	0.14	0.09	0.04	0.02	0.01	3.35	2.74								
30	0.01	0.03	0.07	0.15	0.28	0.41	0.54	0.65	0.71	0.71	0.65	0.53	0.38	0.24	0.13	0.07	0.03	0.01	5.61	5.13								
25	0.02	0.05	0.11	0.24	0.40	0.61	0.81	0.98	1.09	1.08	0.97	0.79	0.59	0.38	0.20	0.10	0.05	0.02	8.49	8.07								
20	0.02	0.06	0.15	0.33	0.55	0.81	1.07	1.32	1.47	1.46	1.29	1.05	0.79	0.52	0.29	0.13	0.06	0.03	11.4	11.0								
15	0.03	0.08	0.20	0.39	0.67	0.97	1.30	1.59	1.74	1.72	1.53	1.24	0.93	0.64	0.35	0.16	0.07	0.03	13.6	13.3								
10	0.03	0.08	0.23	0.44	0.74	1.05	1.42	1.74	1.87	1.84	1.65	1.33	1.00	0.71	0.40	0.17	0.08	0.03	14.8	14.5								
5	0.03	0.08	0.23	0.44	0.74	1.06	1.43	1.76	1.90	1.87	1.67	1.34	1.01	0.71	0.40	0.17	0.08	0.03	15.0	14.6								
0	0.03	0.07	0.20	0.39	0.68	0.99	1.33	1.64	1.81	1.79	1.58	1.28	0.96	0.65	0.36	0.16	0.07	0.03	14.0	13.7								
-5	0.03	0.06	0.16	0.33	0.56	0.84	1.13	1.40	1.56	1.55	1.37	1.10	0.82	0.53	0.29	0.13	0.06	0.03	11.9	11.5								
-10	0.02	0.05	0.11	0.25	0.41	0.63	0.86	1.06	1.19	1.19	1.05	0.85	0.61	0.38	0.20	0.10	0.05	0.02	9.03	8.63								
-15	0.01	0.03	0.07	0.15	0.29	0.42	0.57	0.70	0.78	0.78	0.69	0.55	0.39	0.25	0.13	0.07	0.03	0.01	5.92	5.44								
-20	0.01	0.02	0.04	0.08	0.15	0.26	0.34	0.41	0.45	0.44	0.40	0.33	0.23	0.14	0.08	0.04	0.02	0.01	3.46	2.86								
-25	0.01	0.01	0.02	0.05	0.08	0.12	0.17	0.22	0.25	0.24	0.21	0.16	0.12	0.08	0.05	0.02	0.01	0.01	1.82	0.86								
-30	0.00	0.01	0.01	0.02	0.04	0.06	0.07	0.09	0.10	0.10	0.09	0.08	0.06	0.04	0.02	0.01	0.01	0.01	0.82	0.00								
-35	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.04	0.04	0.04	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.00	0.35	0.00								
-40	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)												10	15	20	25	30	35	40	45
-45	Φ t	0.28	0.68	1.70	3.42	5.86	8.67	11.7	14.3	15.8	15.6	13.9	11.2	8.34	5.53	3.07	1.43	0.68	0.30	125								
	Φ a	0.00	0.00	0.87	2.86	5.38	8.24	11.3	13.9	15.4	15.2	13.5	10.8	7.85	4.98	2.40	0.40	0.00	0.00		114							

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:

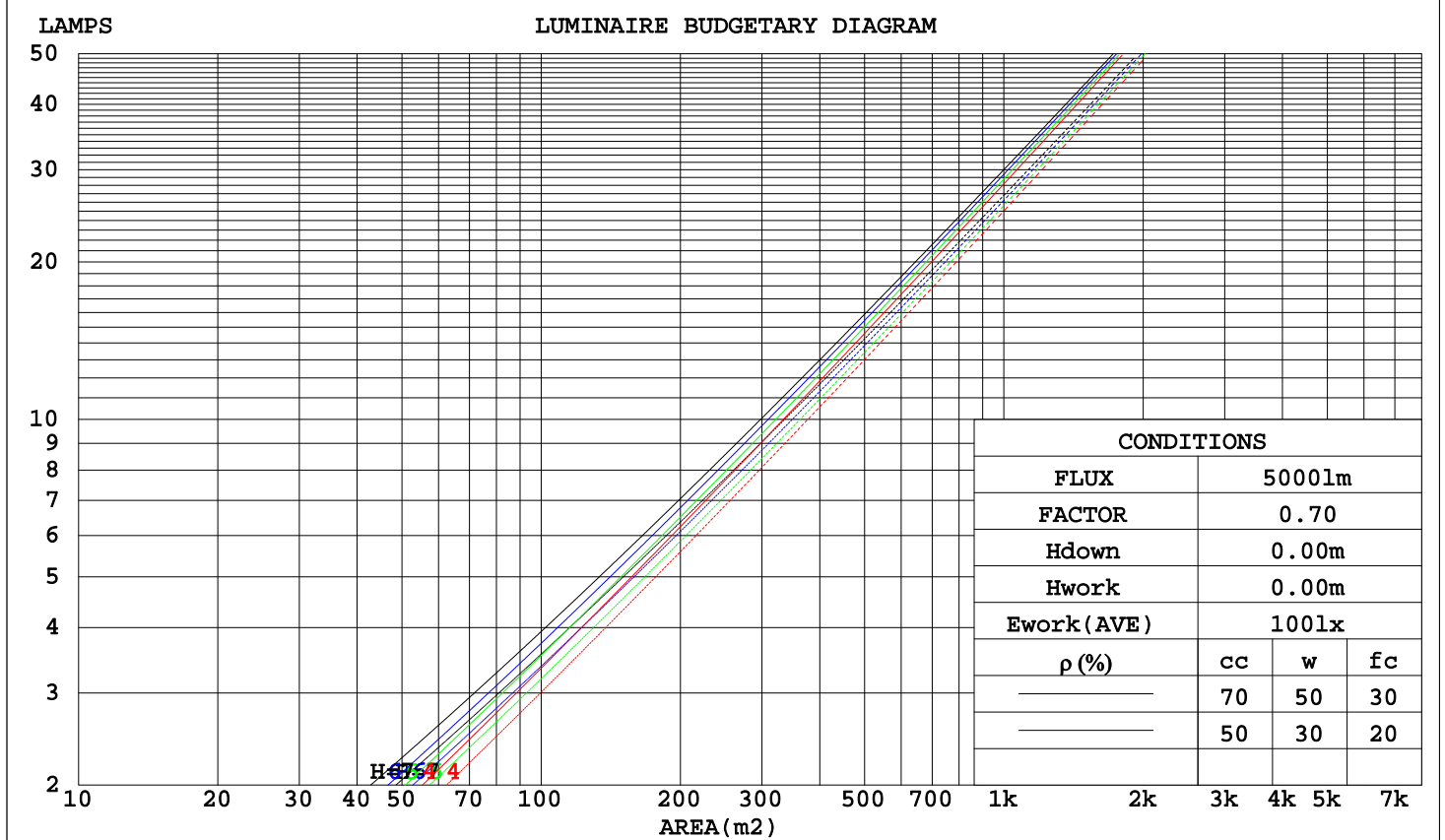


## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

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

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



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

## 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	.161	.091	.029	.154	.088	.028	.141	.081	.026	.129	.075	.024	.118	.069	.022	
2.0	.152	.083	.026	.146	.080	.025	.135	.075	.023	.125	.070	.022	.116	.066	.021	
3.0	.143	.076	.023	.139	.074	.022	.130	.070	.021	.121	.066	.020	.113	.063	.019	
4.0	.136	.071	.021	.132	.069	.020	.124	.066	.020	.117	.063	.019	.110	.060	.018	
5.0	.129	.066	.019	.126	.064	.019	.119	.062	.018	.113	.059	.018	.107	.057	.017	
6.0	.123	.062	.018	.120	.061	.017	.114	.058	.017	.108	.056	.017	.103	.054	.016	
7.0	.118	.058	.016	.115	.057	.016	.110	.055	.016	.105	.054	.016	.100	.052	.015	
8.0	.112	.055	.015	.110	.054	.015	.105	.053	.015	.101	.051	.015	.097	.050	.014	
9.0	.108	.052	.015	.106	.051	.014	.101	.050	.014	.098	.049	.014	.094	.048	.014	
10.0	.104	.050	.014	.102	.049	.014	.098	.048	.014	.094	.047	.013	.091	.046	.013	

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	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.174	.162	.151	.149	.139	.130	.102	.096	.090	.059	.055	.052	.019	.018	.017	
2.0	.158	.137	.119	.135	.118	.103	.093	.082	.072	.053	.047	.042	.017	.015	.014	
3.0	.145	.118	.097	.124	.102	.084	.085	.071	.059	.049	.041	.035	.016	.013	.011	
4.0	.133	.103	.080	.114	.089	.069	.079	.062	.049	.046	.036	.029	.015	.012	.009	
5.0	.124	.091	.067	.107	.079	.058	.073	.055	.041	.043	.032	.024	.014	.011	.008	
6.0	.116	.081	.057	.100	.071	.049	.069	.049	.035	.040	.029	.021	.013	.009	.007	
7.0	.109	.074	.049	.094	.064	.043	.065	.045	.030	.038	.026	.018	.012	.009	.006	
8.0	.103	.067	.043	.089	.058	.037	.062	.041	.026	.036	.024	.016	.012	.008	.005	
9.0	.098	.062	.038	.084	.054	.033	.059	.038	.023	.034	.022	.014	.011	.007	.005	
10.0	.093	.057	.033	.081	.050	.029	.056	.035	.021	.033	.021	.012	.011	.007	.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:

# 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	-4.6	-3.8	-4.4	-3.6	-3.5	-3.6	-2.8	-3.4	-2.6	-2.5
	3H	-4.7	-3.9	-4.4	-3.7	-3.5	-3.8	-3.0	-3.5	-2.8	-2.6
	4H	-4.7	-4.0	-4.5	-3.8	-3.6	-3.8	-3.1	-3.6	-2.9	-2.7
	6H	-4.8	-4.1	-4.5	-3.9	-3.6	-3.9	-3.3	-3.6	-3.0	-2.8
	8H	-4.8	-4.2	-4.5	-3.9	-3.6	-4.0	-3.3	-3.7	-3.1	-2.8
	12H	-4.9	-4.2	-4.5	-4.0	-3.7	-4.0	-3.4	-3.7	-3.1	-2.8
4H	2H	-4.8	-4.1	-4.5	-3.9	-3.7	-3.8	-3.1	-3.6	-2.9	-2.7
	3H	-4.9	-4.3	-4.6	-4.0	-3.7	-4.0	-3.4	-3.7	-3.1	-2.8
	4H	-4.9	-4.4	-4.6	-4.1	-3.7	-4.1	-3.5	-3.7	-3.2	-2.9
	6H	-5.0	-4.5	-4.6	-4.1	-3.8	-4.2	-3.7	-3.8	-3.3	-3.0
	8H	-5.0	-4.5	-4.6	-4.2	-3.8	-4.2	-3.7	-3.8	-3.4	-3.0
	12H	-5.0	-4.6	-4.6	-4.2	-3.8	-4.3	-3.8	-3.8	-3.5	-3.1
8H	4H	-5.1	-4.6	-4.7	-4.2	-3.9	-4.2	-3.7	-3.8	-3.4	-3.0
	6H	-5.1	-4.7	-4.7	-4.3	-3.9	-4.3	-3.9	-3.9	-3.5	-3.1
	8H	-5.1	-4.8	-4.7	-4.4	-3.9	-4.3	-4.0	-3.9	-3.6	-3.1
	12H	-5.2	-4.9	-4.7	-4.4	-3.9	-4.4	-4.1	-3.9	-3.7	-3.2
12H	4H	-5.1	-4.7	-4.7	-4.3	-3.9	-4.2	-3.8	-3.8	-3.4	-3.0
	6H	-5.1	-4.8	-4.7	-4.4	-3.9	-4.3	-4.0	-3.9	-3.6	-3.1
	8H	-5.2	-4.9	-4.7	-4.4	-4.0	-4.4	-4.1	-3.9	-3.7	-3.2
Variations with the observer position at spacings:											
S = 1.0H		+ 3.0 / - 6.4				+ 3.3 / - 9.1					
1.5H		+ 5.2 / - 5.8				+ 5.8 / - 7.6					
2.0H		+ 5.2 / - 2.9				+ 4.3 / - 3.1					

CIE Pub.117 Corrected 125.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -7.2)

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:

## 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	79	88	83	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	92	99	95	91	98	94	91	87
1.25	104	99	96	103	99	96	101	97	95	91
1.50	107	102	99	105	101	99	103	100	97	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										

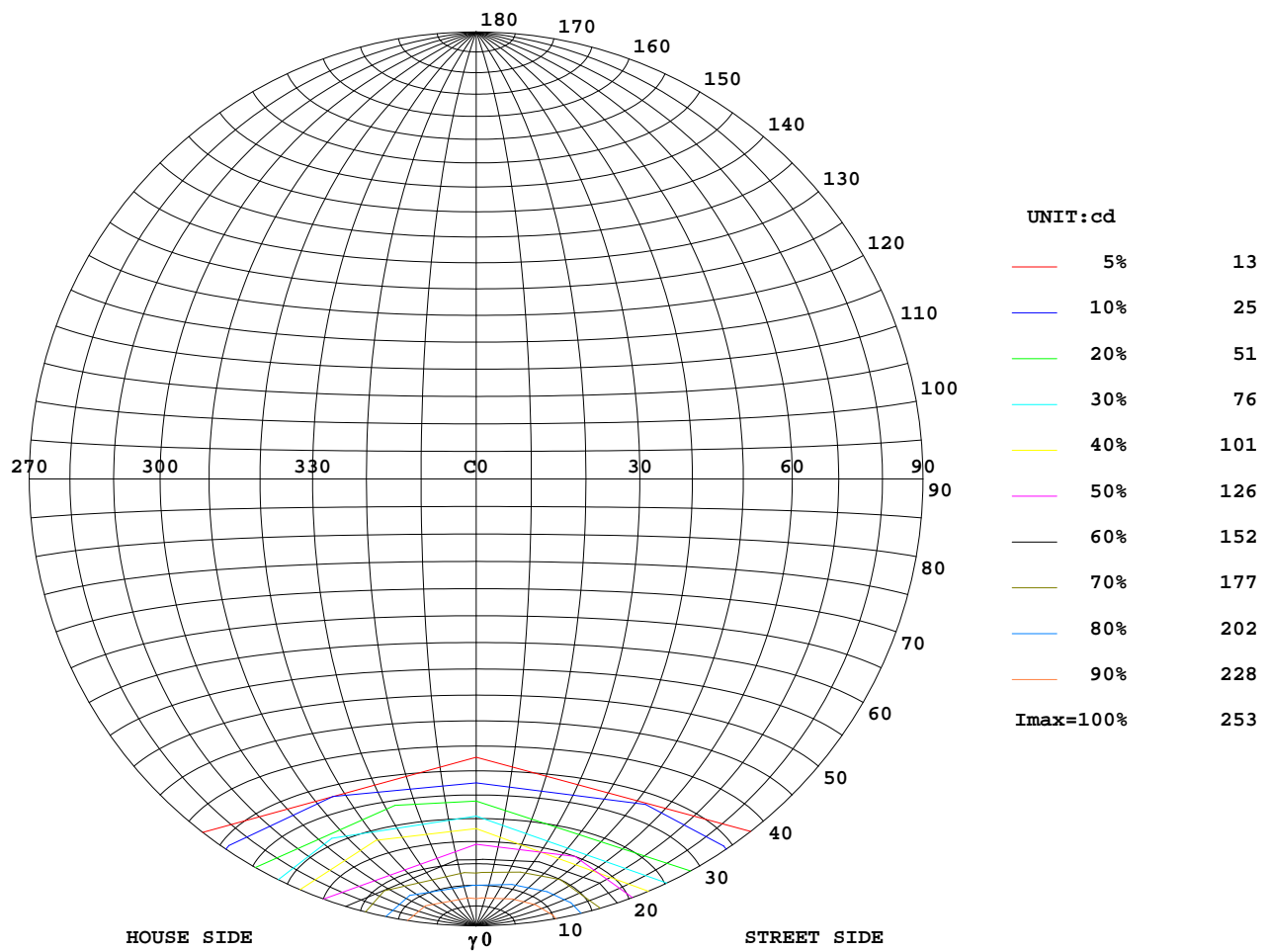
Test System:HOP00 HP880D  
 Temperature:25.3DEG  
 Operators:  
 Test Date:11-02-2023

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

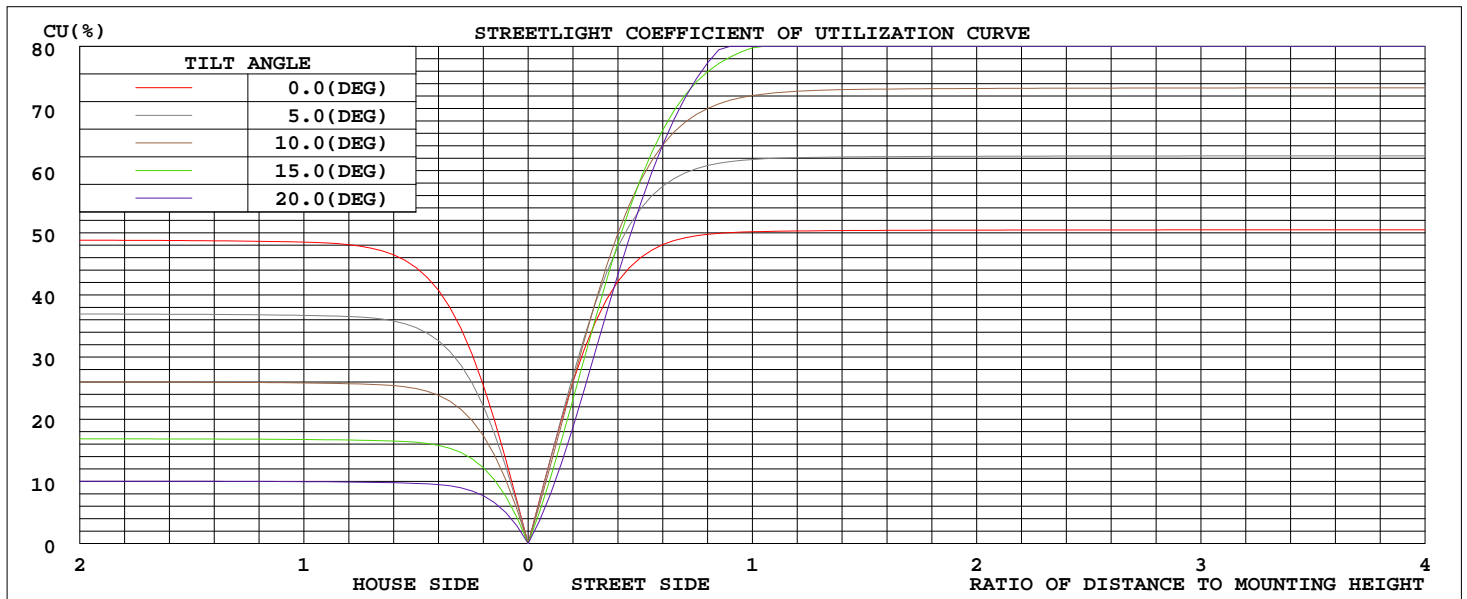
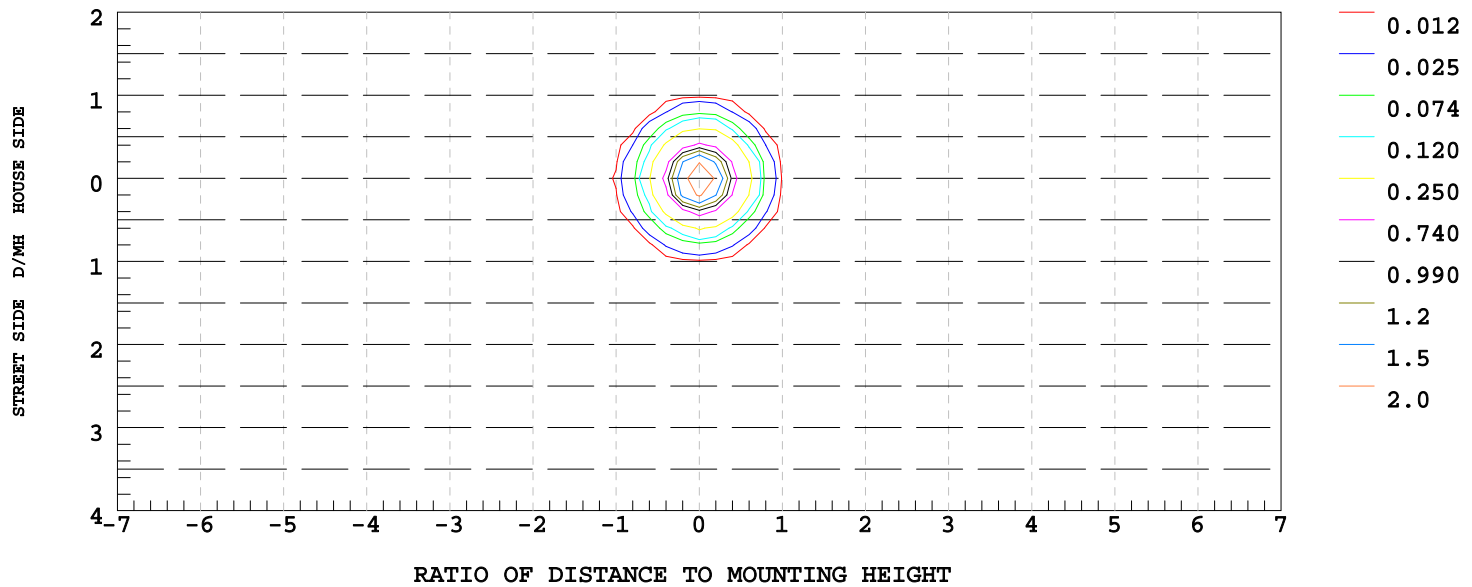
Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:1.000 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 2.47 lx



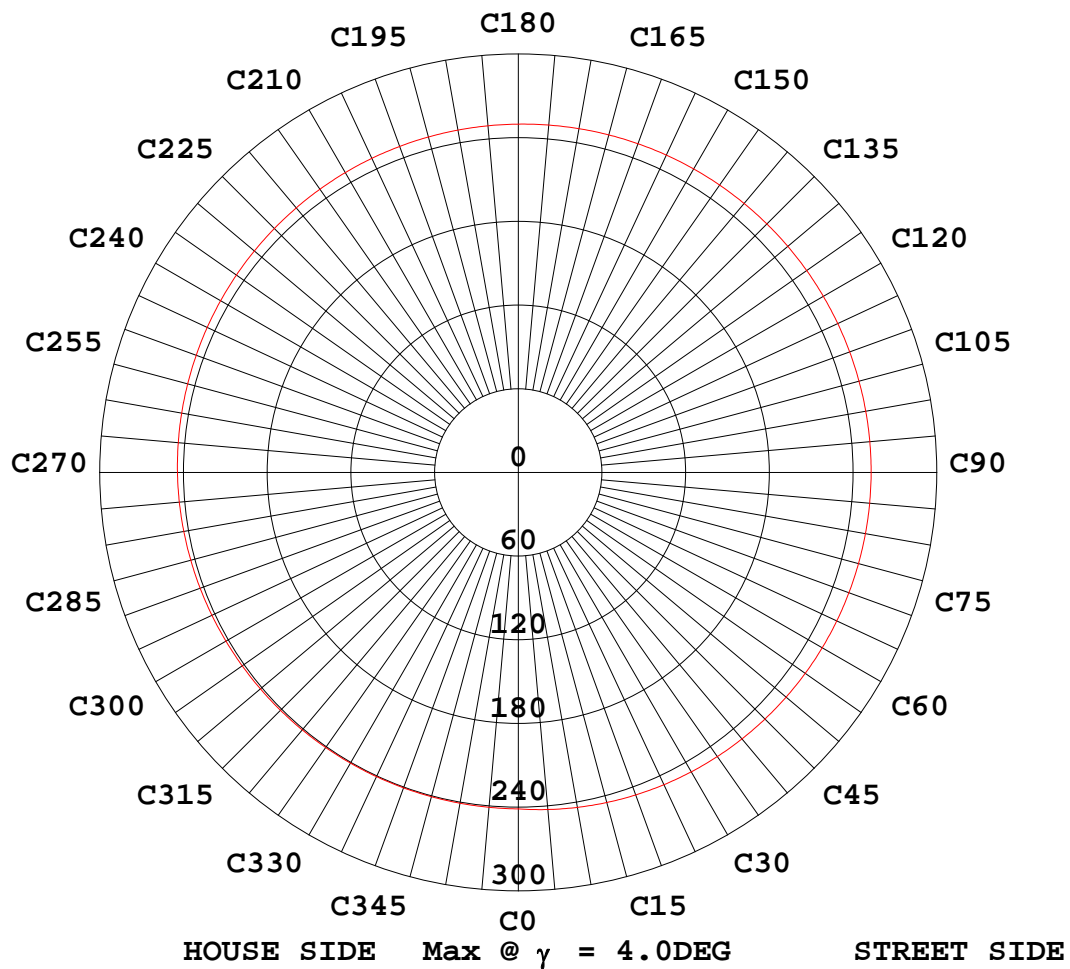
Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

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	247	250	247	250
5.0	237	252	248	242
10.0	202	229	219	218
15.0	160	190	169	172
20.0	121	132	126	118
25.0	80.3	77.9	87.3	73.3
30.0	42.9	44.3	47.7	41.2
35.0	18.1	20.9	21.3	19.9
40.0	8.85	8.35	8.43	9.15
45.0	3.97	2.54	2.84	1.72
50.0	1.76	1.07	1.25	1.37
55.0	1.04	0.63	0.79	0.87
60.0	0.65	0.40	0.50	0.57
65.0	0.43	0.25	0.32	0.38
70.0	0.30	0.15	0.23	0.27
75.0	0.20	0.09	0.15	0.19
80.0	0.11	0.04	0.07	0.12
85.0	0.04	0.00	0.01	0.06
90.0	0.01	0.00	0.00	0.02
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	0.01	0.00	0.00	0.01
115.0	0.00	0.00	0.00	0.01
120.0	0.01	0.01	0.01	0.01
125.0	0.02	0.02	0.02	0.01
130.0	0.04	0.04	0.05	0.03
135.0	0.09	0.10	0.10	0.07
140.0	0.16	0.18	0.19	0.15
145.0	0.28	0.28	0.31	0.26
150.0	0.39	0.40	0.43	0.39
155.0	0.48	0.49	0.52	0.52
160.0	0.54	0.53	0.58	0.60
165.0	0.54	0.51	0.59	0.61
170.0	0.50	0.48	0.54	0.56
175.0	0.45	0.45	0.49	0.50
180.0	0.43	0.44	0.43	0.44

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: