

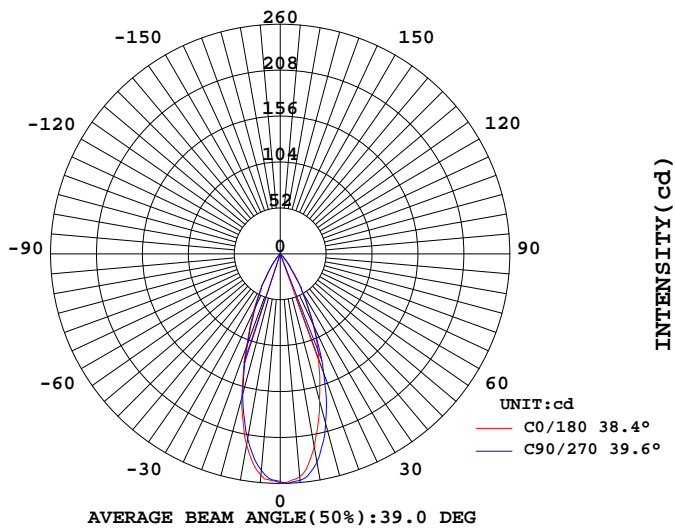
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

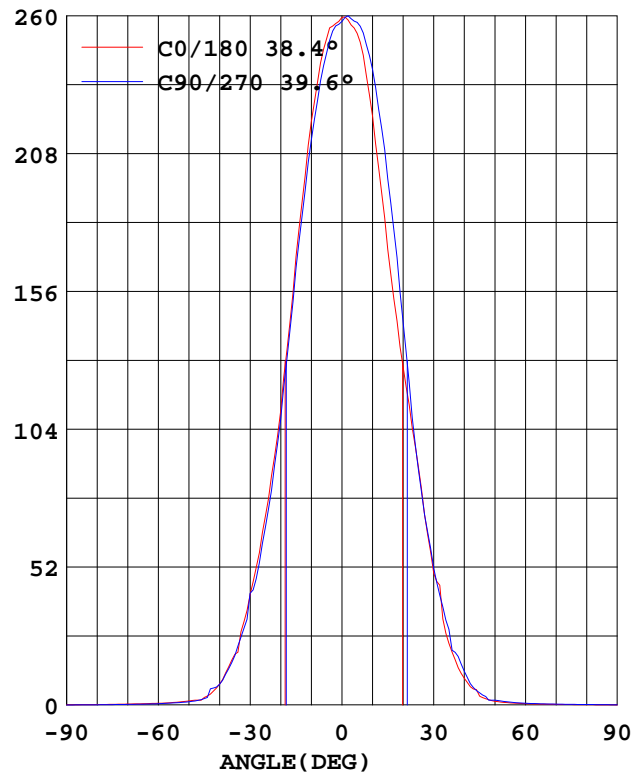
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	260.2	S/MH(C0/180)	0.60
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.60
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	127.6	Voltage(V)	12.00
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	38.9	Current(A)	0.364
NOMINAL FLUX(lm)	127.6	$\eta$ up(%)	0.5	Power(W)	3.280
LAMPS QUANTITY	1	$\eta$ down(%)	99.5	Power Factor(PF)	0.749
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	115.7	EEI	0.217

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:

Color Temperature Data List

Report number:

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

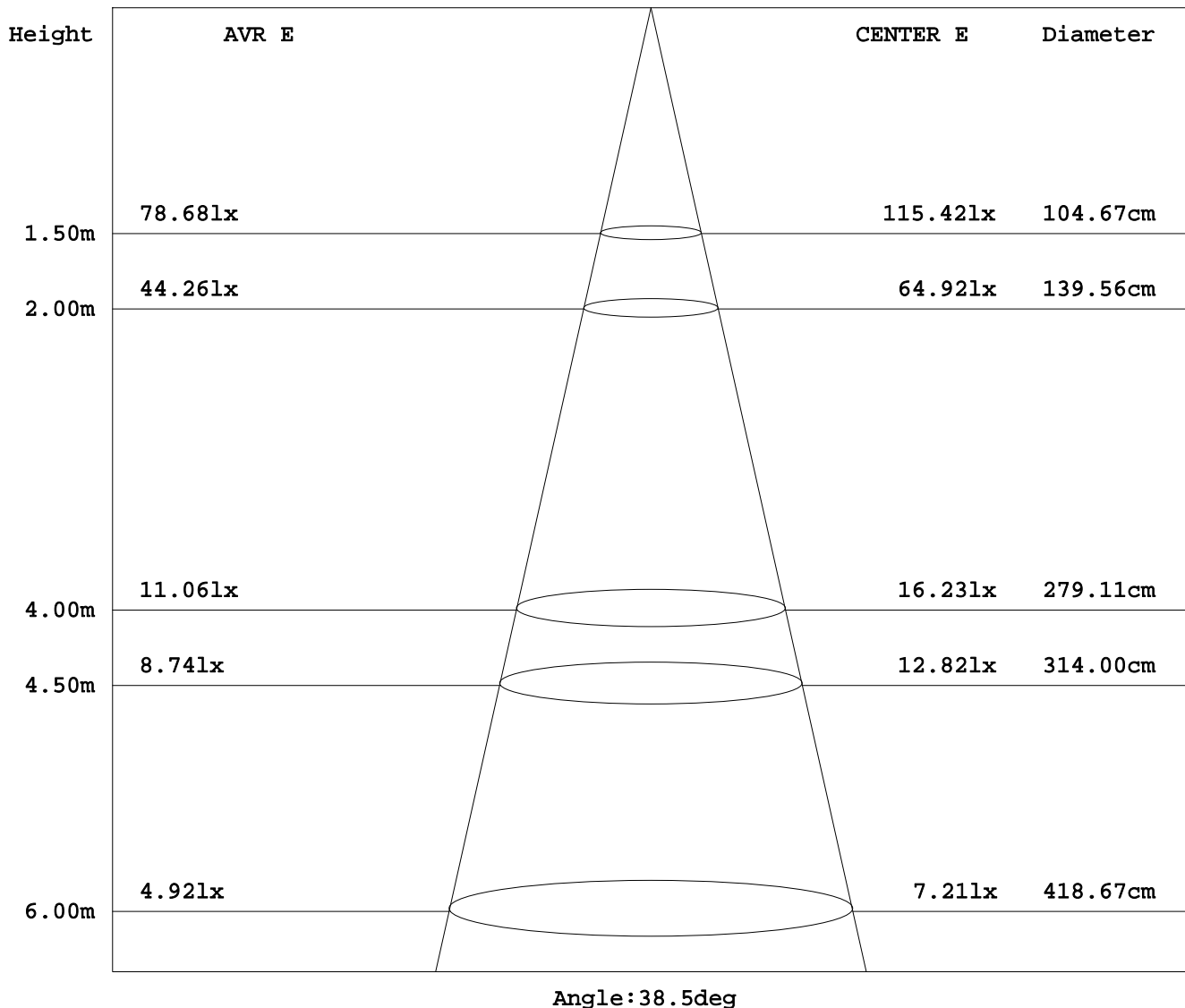
Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

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: 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

## 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	251.5	246.1	253.5	257.7					0- 5	6.116	6.116
10.0	220.0	213.0	222.3	239.8					5- 10	17.05	23.17
15.0	169.3	165.0	171.9	198.6					10- 15	23.65	46.82
20.0	110.9	107.7	127.6	144.4					15- 20	24.44	71.27
25.0	71.43	67.25	90.03	89.07					20- 25	20.88	92.15
30.0	41.61	42.15	49.75	51.66					25- 30	15.46	107.6
35.0	19.15	18.67	23.26	28.57					30- 35	9.779	117.3
40.0	7.797	7.747	10.05	12.71					35- 40	5.042	122.4
45.0	2.821	2.358	3.272	4.562					40- 45	2.280	124.7
50.0	1.498	1.180	1.377	1.765					45- 50	0.843	125.5
55.0	0.926	0.729	0.768	1.042					50- 55	0.495	126.0
60.0	0.624	0.456	0.466	0.648					55- 60	0.318	126.3
65.0	0.443	0.287	0.293	0.417					60- 65	0.217	126.5
70.0	0.312	0.191	0.195	0.288					65- 70	0.152	126.7
75.0	0.209	0.116	0.128	0.203					70- 75	0.106	126.8
80.0	0.133	0.059	0.079	0.138					75- 80	0.071	126.9
85.0	0.066	0.017	0.037	0.080					80- 85	0.041	126.9
90.0	0.018	0	0	0.042					85- 90	0.017	126.9
95.0	0.012	0	0	0.018					90- 95	0.005	126.9
100.0	0.008	0	0	0.011					95-100	0.003	126.9
105.0	0.007	0	0	0.011					100-105	0.002	126.9
110.0	0.005	0	0	0.006					105-110	0.002	126.9
115.0	0.005	0.001	0	0.011					110-115	0.002	126.9
120.0	0.007	0.004	0.005	0.011					115-120	0.002	126.9
125.0	0.017	0.018	0.015	0.018					120-125	0.005	126.9
130.0	0.041	0.049	0.040	0.034					125-130	0.012	127.0
135.0	0.088	0.090	0.085	0.059					130-135	0.024	127.0
140.0	0.170	0.159	0.168	0.131					135-140	0.043	127.0
145.0	0.289	0.249	0.278	0.224					140-145	0.069	127.1
150.0	0.402	0.331	0.409	0.349					145-150	0.093	127.2
155.0	0.494	0.386	0.536	0.476					150-155	0.107	127.3
160.0	0.545	0.403	0.608	0.569					155-160	0.106	127.4
165.0	0.538	0.393	0.613	0.598					160-165	0.088	127.5
170.0	0.502	0.378	0.562	0.565					165-170	0.062	127.6
175.0	0.469	0.370	0.508	0.508					170-175	0.035	127.6
180.0	0.454	0.418	0.453	0.416					175-180	0.011	127.6
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:

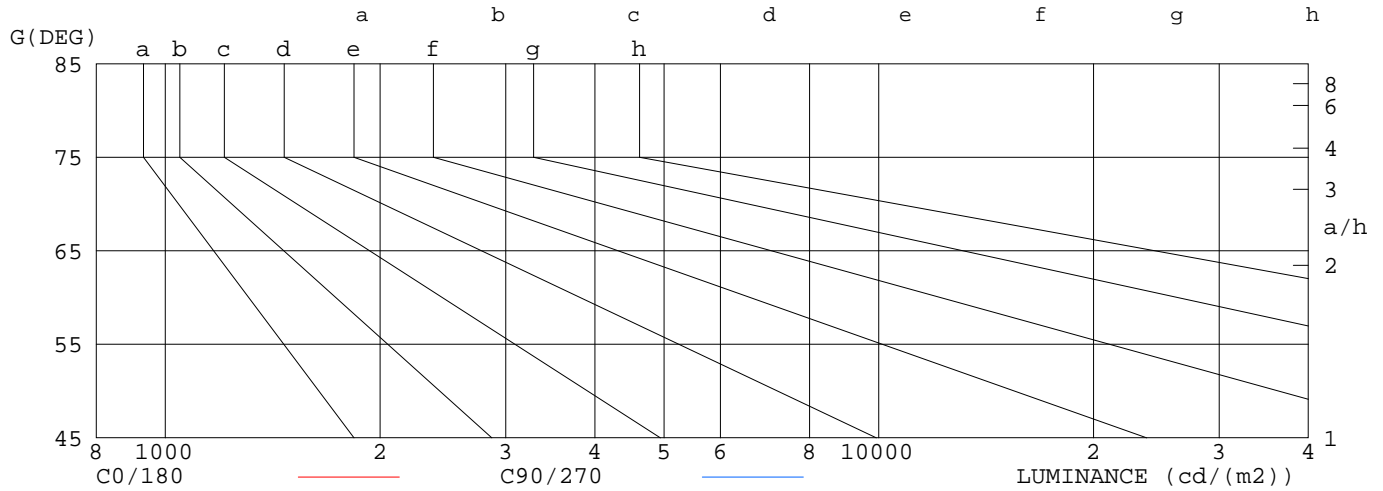
## LUMINANCE LIMITATION CURVES

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	8	2
80	8	3
75	8	4
70	9	6
65	10	7
60	12	9
55	16	13
50	23	18
45	40	33

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

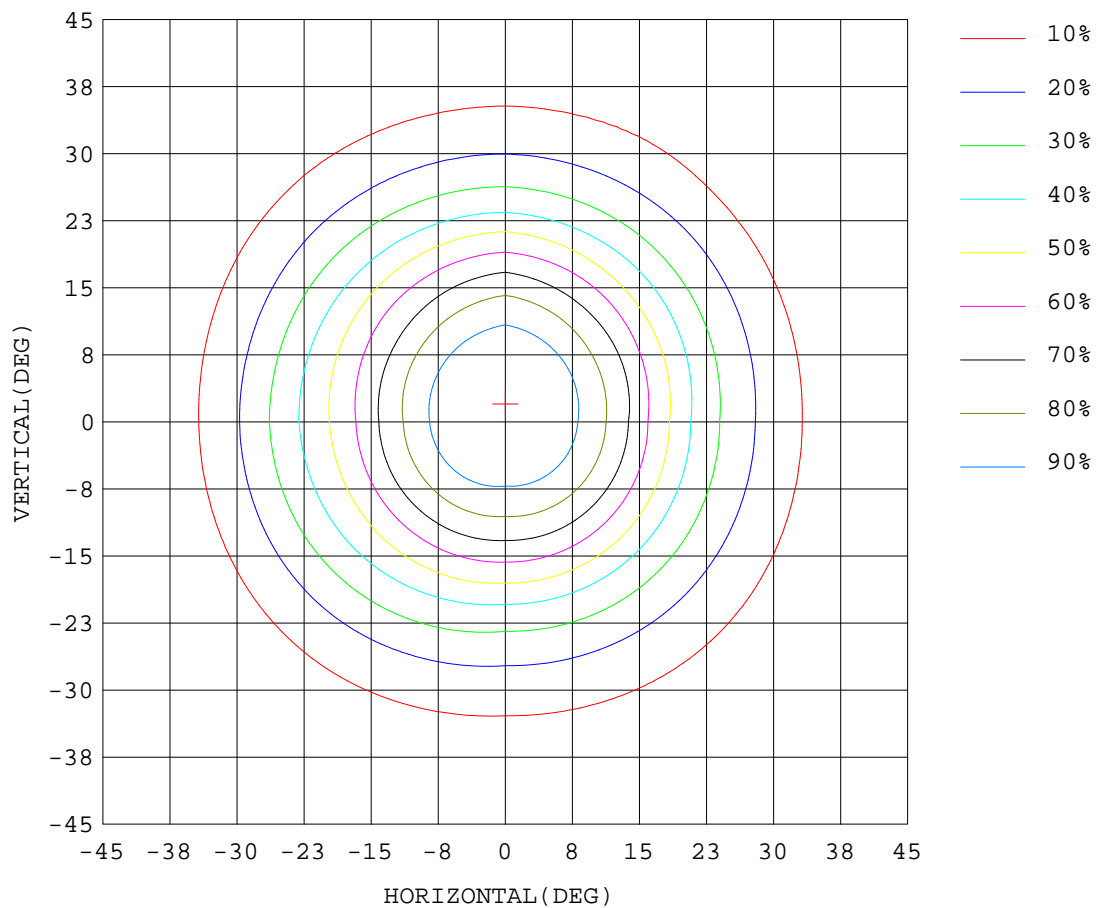
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:1.000 m  
 Remarks:

## ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



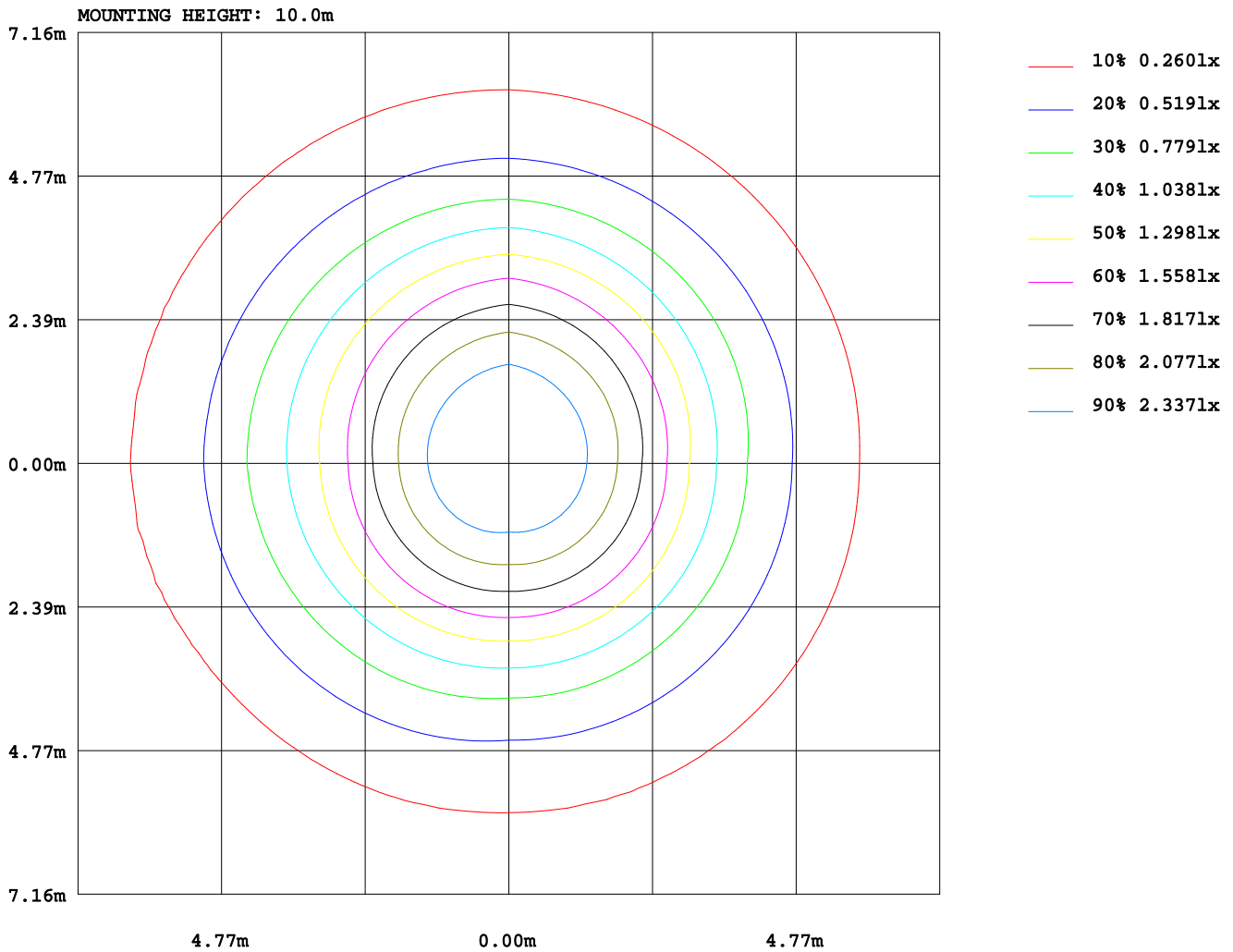
Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

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	0.02	0.03	0.04	0.05	0.06	0.06	0.05	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.00	0.46	0.00
45																					
40	0.01	0.01	0.01	0.03	0.05	0.07	0.10	0.13	0.14	0.14	0.12	0.10	0.07	0.04	0.02	0.01	0.01	0.01	1.07	0.00	
35	0.01	0.01	0.03	0.06	0.10	0.15	0.21	0.27	0.29	0.29	0.26	0.20	0.14	0.09	0.05	0.02	0.01	0.01	2.22	1.41	
30	0.01	0.02	0.05	0.11	0.18	0.29	0.39	0.47	0.52	0.51	0.45	0.37	0.27	0.17	0.10	0.05	0.02	0.01	3.99	3.43	
25	0.01	0.04	0.09	0.17	0.31	0.46	0.63	0.77	0.86	0.85	0.74	0.58	0.42	0.28	0.15	0.08	0.03	0.01	6.50	6.04	
20	0.02	0.06	0.13	0.27	0.45	0.68	0.92	1.13	1.28	1.27	1.11	0.86	0.61	0.40	0.23	0.11	0.05	0.02	9.58	9.19	
15	0.03	0.07	0.17	0.35	0.59	0.88	1.18	1.46	1.63	1.63	1.44	1.14	0.80	0.51	0.30	0.15	0.06	0.02	12.4	12.1	
	0.03	0.09	0.22	0.42	0.71	1.02	1.37	1.69	1.87	1.86	1.68	1.35	0.95	0.60	0.35	0.17	0.07	0.03	14.5	14.2	
	0.04	0.10	0.24	0.46	0.76	1.08	1.46	1.80	1.95	1.94	1.79	1.45	1.01	0.64	0.37	0.19	0.08	0.03	15.4	15.0	
	0.04	0.09	0.24	0.45	0.75	1.06	1.43	1.77	1.92	1.91	1.75	1.42	0.99	0.62	0.37	0.18	0.08	0.03	15.1	14.8	
	0.03	0.08	0.21	0.40	0.67	0.96	1.29	1.59	1.74	1.74	1.58	1.26	0.88	0.57	0.33	0.16	0.07	0.02	13.6	13.2	
-15	0.03	0.07	0.16	0.33	0.55	0.79	1.04	1.29	1.42	1.42	1.27	1.01	0.71	0.47	0.28	0.13	0.06	0.02	11.0	10.7	
-20	0.02	0.05	0.11	0.24	0.40	0.59	0.78	0.93	1.02	1.01	0.91	0.72	0.53	0.35	0.20	0.10	0.04	0.01	8.03	7.64	
-25	0.01	0.04	0.08	0.15	0.27	0.40	0.52	0.62	0.66	0.65	0.59	0.48	0.36	0.24	0.13	0.07	0.03	0.01	5.28	4.82	
-30	0.01	0.02	0.05	0.09	0.15	0.24	0.32	0.37	0.40	0.39	0.36	0.29	0.21	0.14	0.08	0.04	0.02	0.01	3.17	2.57	
-35	0.01	0.01	0.02	0.05	0.08	0.12	0.16	0.20	0.21	0.21	0.19	0.15	0.11	0.07	0.04	0.02	0.01	0.01	1.66	0.57	
-40	0.00	0.01	0.01	0.02	0.04	0.06	0.07	0.09	0.10	0.10	0.09	0.07	0.05	0.03	0.02	0.01	0.01	0.01	0.78	0.00	
-45	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	0.33	0.00	
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)					10	15	20	25	30	35	40	45
Φ t	0.32	0.78	1.83	3.62	6.09	8.90	11.9	14.6	16.1	16.0	14.4	11.5	8.17	5.24	3.04	1.51	0.66	0.25	128		
Φ a	0.00	0.00	0.95	3.05	5.60	8.45	11.5	14.2	15.7	15.6	14.0	11.1	7.72	4.71	2.42	0.56	0.00	0.00			116

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:

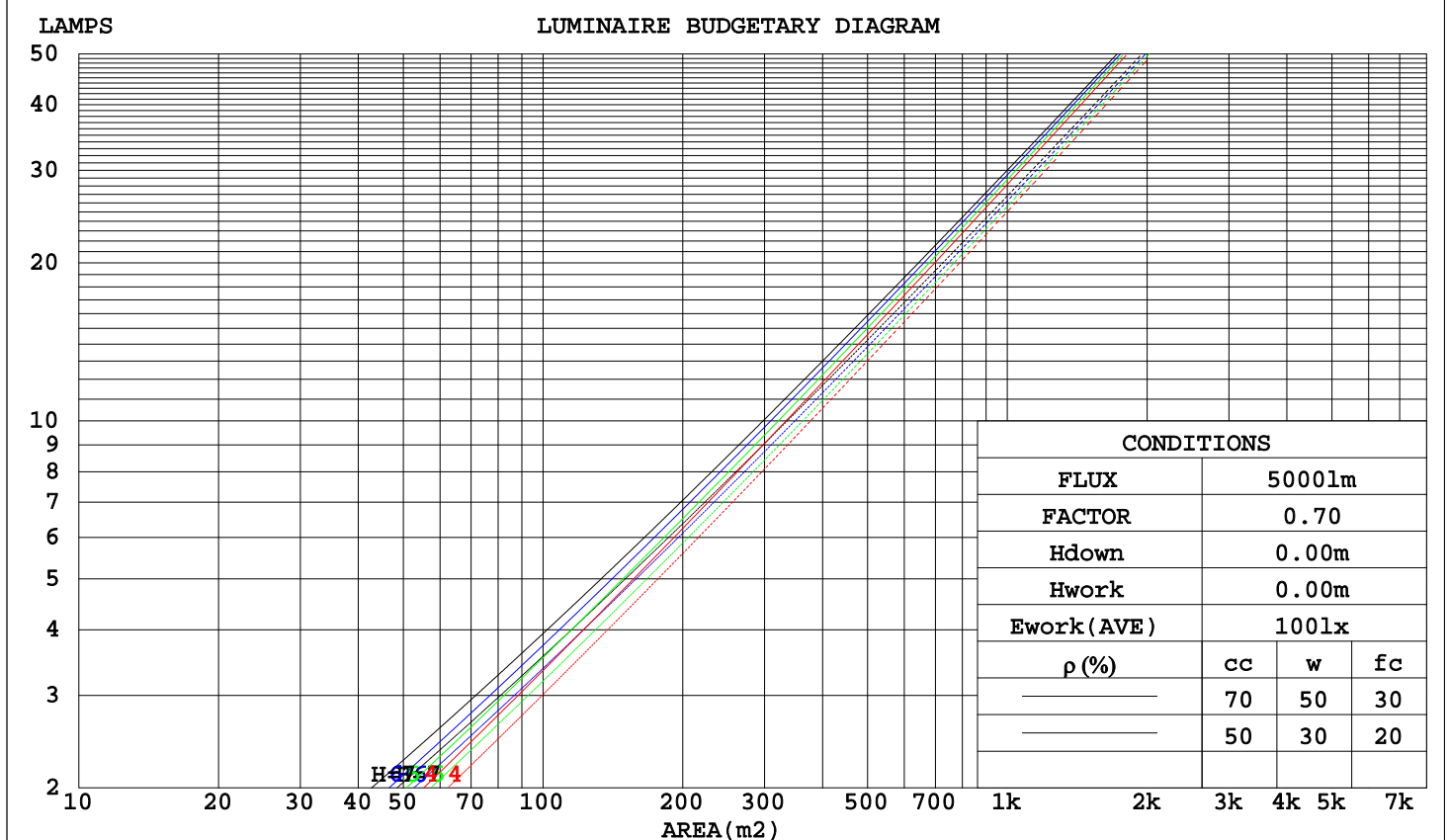


## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

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

$\rho_{cc}$	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	.092	.029	.154	.088	.028	.141	.081	.026	.130	.075	.024	.119	.069	.022	
2.0	.152	.083	.026	.146	.081	.025	.136	.075	.023	.126	.071	.022	.117	.066	.021	
3.0	.144	.077	.023	.139	.074	.022	.130	.070	.021	.121	.067	.020	.114	.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	.065	.019	.119	.062	.018	.113	.060	.018	.107	.057	.017	
6.0	.123	.062	.018	.120	.061	.017	.114	.059	.017	.109	.057	.017	.104	.055	.016	
7.0	.118	.058	.017	.115	.057	.016	.110	.056	.016	.105	.054	.016	.100	.052	.015	
8.0	.113	.055	.015	.110	.054	.015	.106	.053	.015	.101	.051	.015	.097	.050	.015	
9.0	.108	.052	.015	.106	.052	.014	.102	.050	.014	.098	.049	.014	.094	.048	.014	
10.0	.104	.050	.014	.102	.049	.014	.098	.048	.014	.095	.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	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.174	.161	.150	.149	.139	.129	.102	.095	.089	.059	.055	.052	.019	.018	.017	
2.0	.158	.137	.119	.135	.118	.103	.093	.081	.072	.053	.047	.042	.017	.015	.014	
3.0	.144	.118	.096	.124	.101	.083	.085	.070	.059	.049	.041	.034	.016	.013	.011	
4.0	.133	.103	.079	.114	.089	.069	.079	.062	.048	.045	.036	.029	.015	.012	.009	
5.0	.124	.091	.066	.106	.078	.058	.073	.055	.041	.042	.032	.024	.014	.011	.008	
6.0	.116	.081	.056	.100	.070	.049	.069	.049	.035	.040	.029	.021	.013	.009	.007	
7.0	.109	.073	.048	.094	.064	.042	.065	.045	.030	.038	.026	.018	.012	.009	.006	
8.0	.103	.067	.042	.089	.058	.037	.061	.041	.026	.036	.024	.016	.012	.008	.005	
9.0	.098	.062	.037	.084	.053	.032	.058	.038	.023	.034	.022	.014	.011	.007	.005	
10.0	.093	.057	.033	.080	.050	.029	.056	.035	.021	.032	.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	-3.6	-2.8	-3.4	-2.6	-2.4	-4.1	-3.3	-3.9	-3.1	-2.9
	3H	-3.7	-2.9	-3.4	-2.7	-2.5	-4.2	-3.5	-4.0	-3.3	-3.1
	4H	-3.7	-3.0	-3.5	-2.8	-2.6	-4.3	-3.6	-4.0	-3.4	-3.1
	6H	-3.8	-3.1	-3.5	-2.9	-2.6	-4.4	-3.7	-4.1	-3.4	-3.2
	8H	-3.8	-3.2	-3.5	-2.9	-2.6	-4.4	-3.8	-4.1	-3.5	-3.2
	12H	-3.8	-3.2	-3.5	-3.0	-2.7	-4.5	-3.8	-4.1	-3.6	-3.3
4H	2H	-3.8	-3.1	-3.5	-2.9	-2.6	-4.3	-3.6	-4.0	-3.4	-3.1
	3H	-3.9	-3.3	-3.6	-3.0	-2.7	-4.4	-3.8	-4.1	-3.5	-3.3
	4H	-3.9	-3.4	-3.6	-3.1	-2.7	-4.5	-3.9	-4.1	-3.6	-3.3
	6H	-4.0	-3.5	-3.6	-3.1	-2.8	-4.6	-4.1	-4.2	-3.7	-3.4
	8H	-4.0	-3.5	-3.6	-3.2	-2.8	-4.6	-4.2	-4.2	-3.8	-3.4
	12H	-4.0	-3.6	-3.6	-3.2	-2.8	-4.7	-4.2	-4.3	-3.9	-3.5
8H	4H	-4.1	-3.6	-3.7	-3.2	-2.9	-4.6	-4.2	-4.2	-3.8	-3.4
	6H	-4.1	-3.7	-3.7	-3.3	-2.9	-4.7	-4.3	-4.3	-3.9	-3.5
	8H	-4.1	-3.8	-3.7	-3.4	-2.9	-4.7	-4.4	-4.3	-4.0	-3.5
	12H	-4.2	-3.9	-3.7	-3.4	-2.9	-4.8	-4.5	-4.3	-4.1	-3.6
12H	4H	-4.1	-3.7	-3.7	-3.3	-2.9	-4.7	-4.3	-4.3	-3.9	-3.5
	6H	-4.2	-3.8	-3.7	-3.4	-2.9	-4.8	-4.4	-4.3	-4.0	-3.5
	8H	-4.2	-3.9	-3.7	-3.4	-3.0	-4.8	-4.5	-4.3	-4.1	-3.6
Variations with the observer position at spacings:											
S = 1.0H	+ 3.4 / - 6.0					+ 3.2 / - 7.6					
1.5H	+ 5.7 / - 5.3					+ 5.6 / - 6.3					
2.0H	+ 3.8 / - 1.6					+ 3.7 / - 2.2					

CIE Pub.117 Corrected 127.6 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	79	89	83	79	88	82	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	95	101	97	95	91
1.50	107	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	94
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										

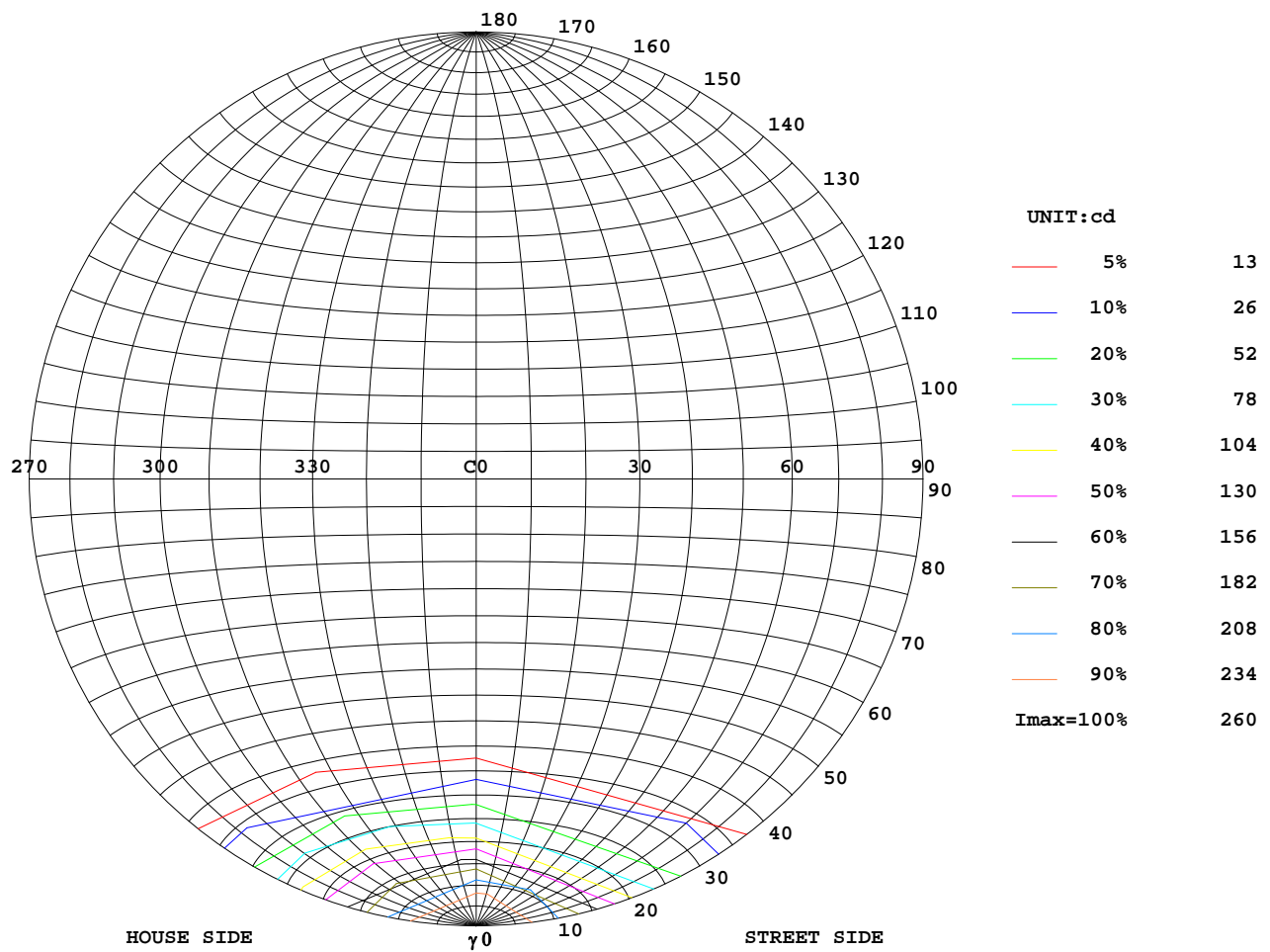
Test System:HOPPO HP880D  
 Temperature:25.3DEG  
 Operators:  
 Test Date:11-02-2023

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.:



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

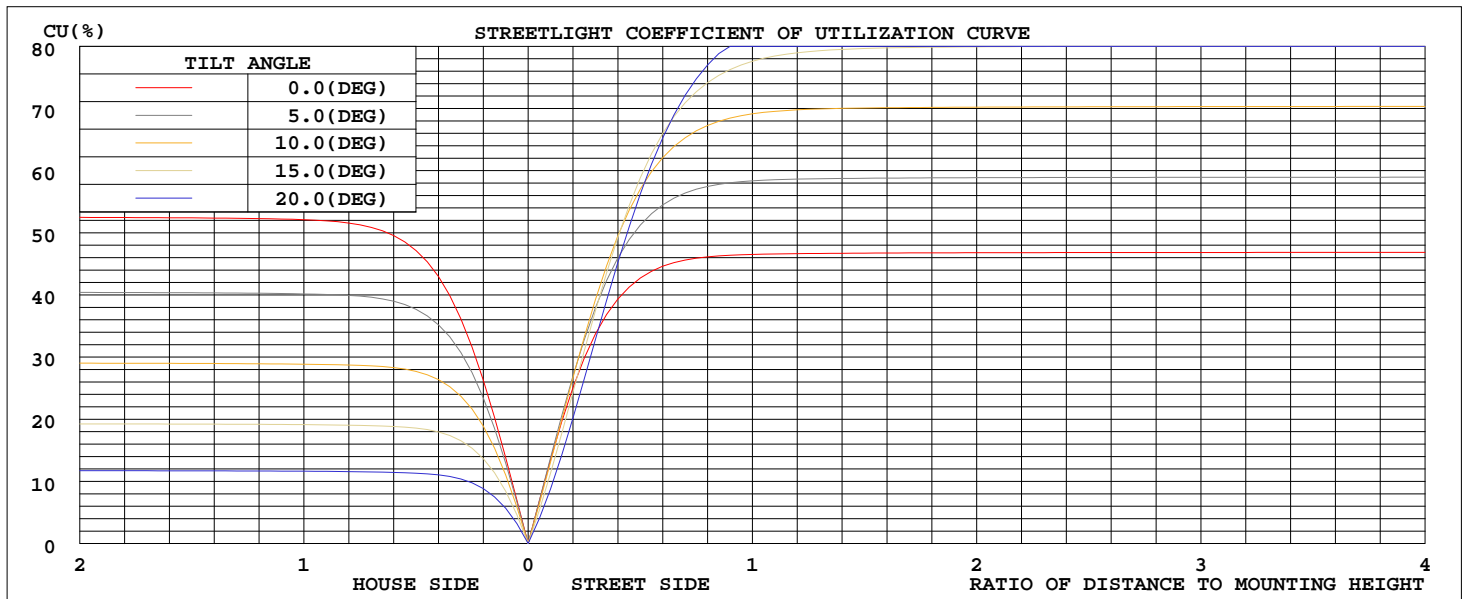
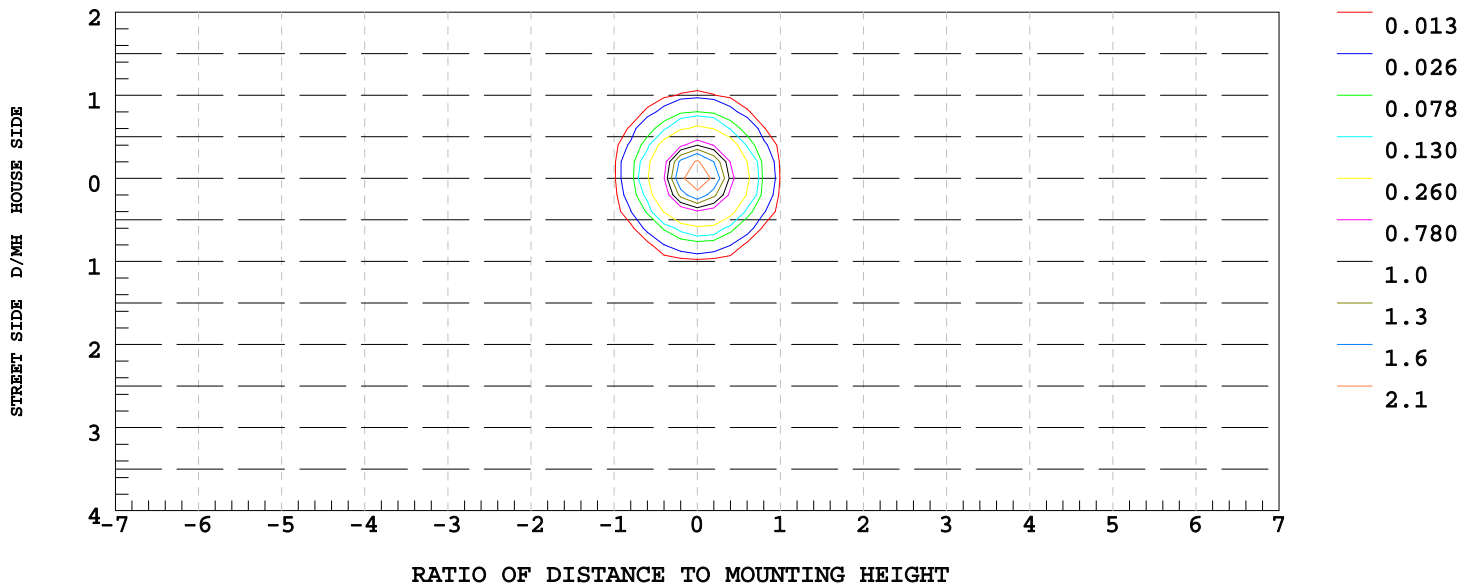
Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:1.000 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 2.60 lx



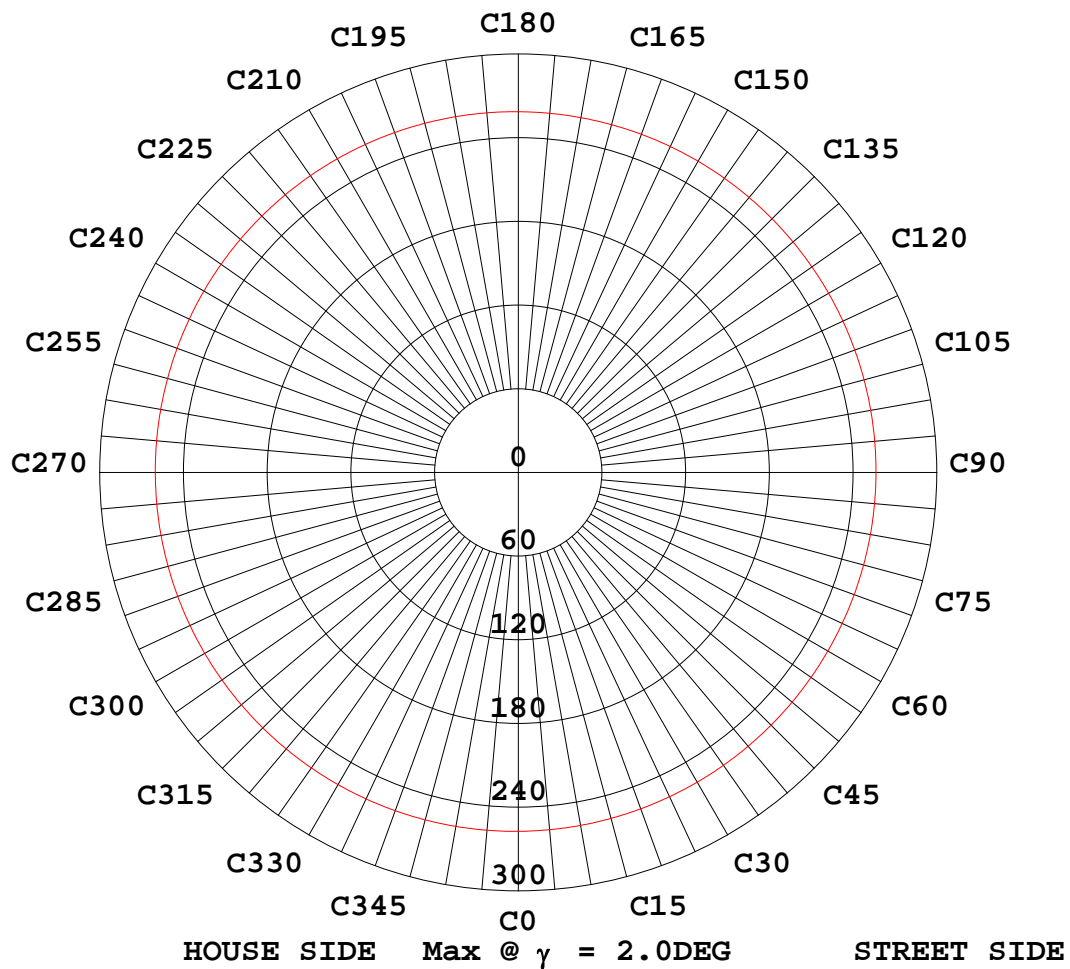
Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

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	260	258	260	258
5.0	252	246	254	258
10.0	220	213	222	240
15.0	169	165	172	199
20.0	111	108	128	144
25.0	71.4	67.2	90.0	89.0
30.0	41.6	42.1	49.7	51.6
35.0	19.1	18.6	23.2	28.5
40.0	7.79	7.74	10.0	12.7
45.0	2.82	2.35	3.27	4.56
50.0	1.49	1.18	1.37	1.76
55.0	0.93	0.73	0.77	1.04
60.0	0.62	0.46	0.47	0.65
65.0	0.44	0.29	0.29	0.42
70.0	0.31	0.19	0.19	0.29
75.0	0.21	0.12	0.13	0.20
80.0	0.13	0.06	0.08	0.14
85.0	0.07	0.02	0.04	0.08
90.0	0.02	0.00	0.00	0.04
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	0.00	0.00	0.00	0.01
120.0	0.01	0.00	0.00	0.01
125.0	0.02	0.02	0.01	0.02
130.0	0.04	0.05	0.04	0.03
135.0	0.09	0.09	0.09	0.06
140.0	0.17	0.16	0.17	0.13
145.0	0.29	0.25	0.28	0.22
150.0	0.40	0.33	0.41	0.35
155.0	0.49	0.39	0.54	0.48
160.0	0.55	0.40	0.61	0.57
165.0	0.54	0.39	0.61	0.60
170.0	0.50	0.38	0.56	0.56
175.0	0.47	0.37	0.51	0.51
180.0	0.45	0.42	0.45	0.42

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: