

## LUMINAIRE PHOTOMETRIC TEST REPORT

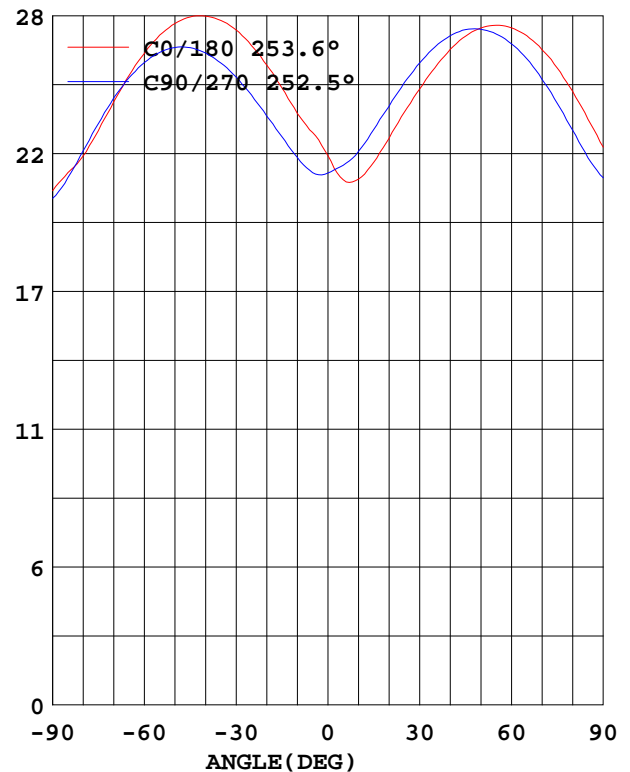
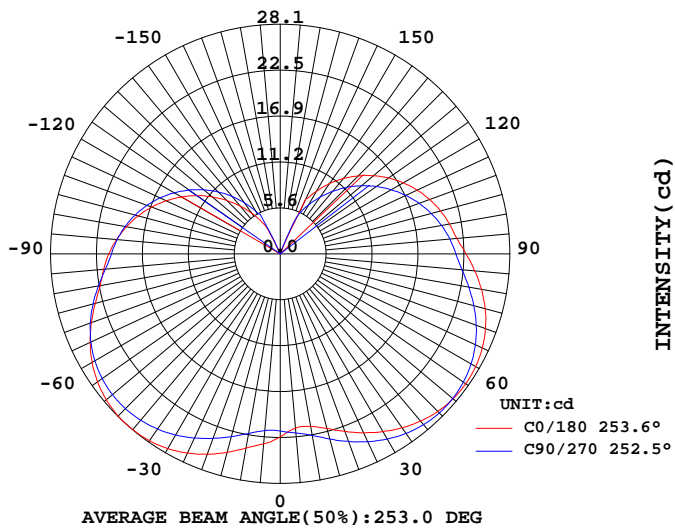
Report number:

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

DATA OF LAMP		Imax(cd)	28.08	S/MH(C0/180)	1.85
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.82
NOMINAL POWER(W)	2	TOTAL FLUX(lm)	246.6	Voltage(V)	12.02
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	105.9	Current(A)	0.239
NOMINAL FLUX(lm)	246.6	$\eta$ up(%)	35.5	Power(W)	2.330
LAMPS QUANTITY	1	$\eta$ down(%)	64.5	Power Factor(PF)	0.811
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	47.4	EEI	0.278

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.:

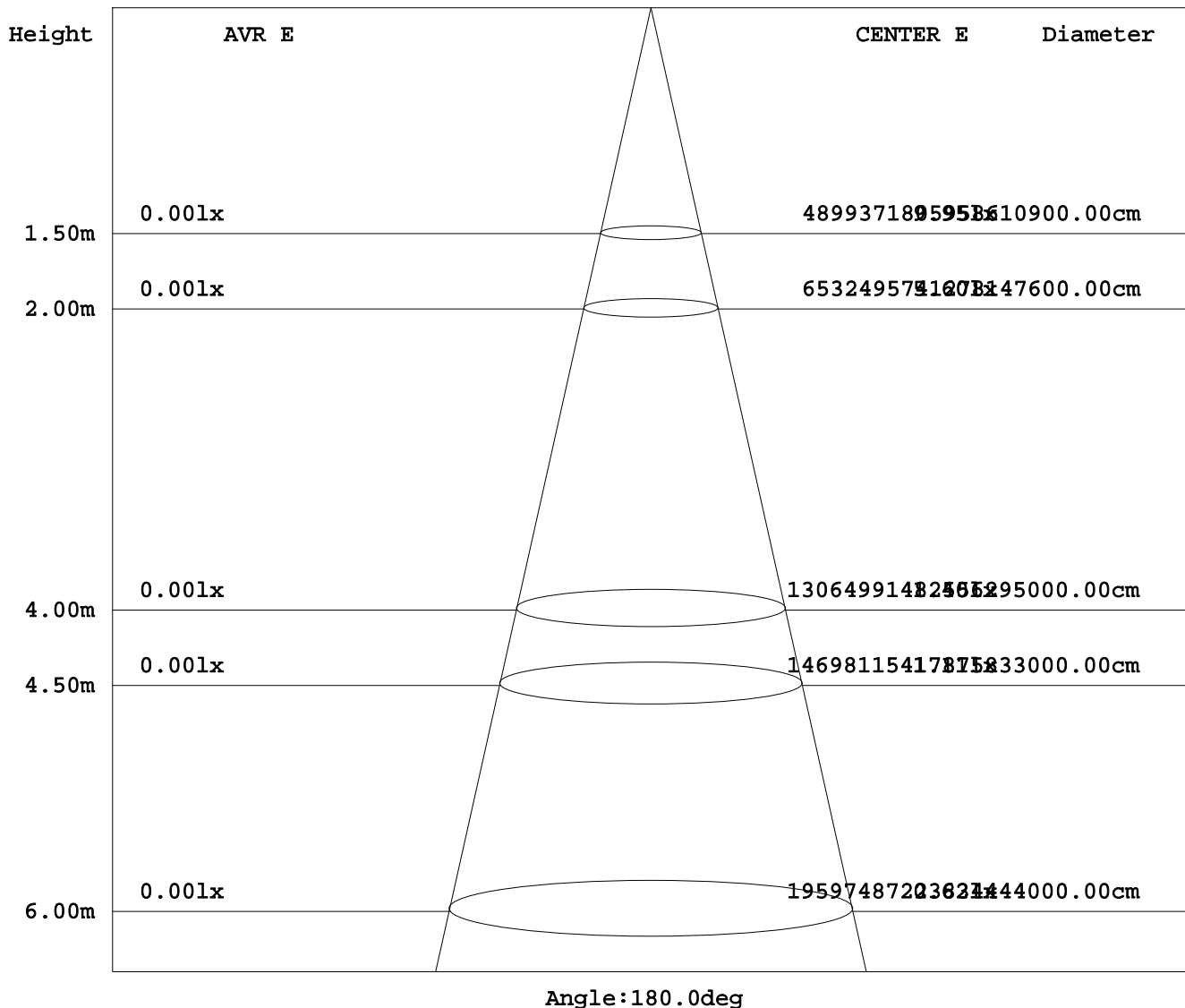
Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:06-30-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
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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	23.32	21.69	21.40	21.98					0- 5	0.527	0.527
10.0	24.10	22.31	21.43	22.56					5- 10	1.598	2.125
15.0	25.13	23.15	22.11	23.45					10- 15	2.734	4.859
20.0	26.07	24.00	23.09	24.39					15- 20	3.948	8.807
25.0	26.86	24.85	24.15	25.36					20- 25	5.218	14.02
30.0	27.50	25.58	25.10	26.16					25- 30	6.509	20.53
35.0	27.88	26.15	25.96	26.80					30- 35	7.781	28.31
40.0	28.06	26.57	26.71	27.27					35- 40	8.993	37.31
45.0	28.03	26.78	27.25	27.51					40- 45	10.10	47.41
50.0	27.77	26.79	27.58	27.53					45- 50	11.08	58.50
55.0	27.29	26.58	27.70	27.34					50- 55	11.88	70.39
60.0	26.55	26.17	27.59	26.94					55- 60	12.50	82.89
65.0	25.65	25.55	27.27	26.33					60- 65	12.89	95.78
70.0	24.58	24.74	26.70	25.49					65- 70	13.06	108.8
75.0	23.40	23.69	25.95	24.51					70- 75	13.01	121.8
80.0	22.37	22.58	25.01	23.42					75- 80	12.77	134.6
85.0	21.68	21.48	23.87	22.29					80- 85	12.40	147.0
90.0	20.95	20.64	22.72	21.47					85- 90	11.98	159.0
95.0	20.10	20.03	21.70	20.83					90- 95	11.53	170.5
100.0	19.12	19.28	21.00	20.05					95-100	11.01	181.5
105.0	17.96	18.36	20.30	19.11					100-105	10.38	191.9
110.0	16.73	17.35	19.46	18.09					105-110	9.639	201.6
115.0	15.40	16.23	18.45	16.96					110-115	8.784	210.3
120.0	13.91	14.94	17.38	15.68					115-120	7.846	218.2
125.0	12.42	13.61	16.19	14.38					120-125	6.858	225.1
130.0	10.87	12.21	14.85	12.99					125-130	5.851	230.9
135.0	9.218	10.68	13.49	11.48					130-135	4.848	235.8
140.0	7.632	9.182	12.04	9.998					135-140	3.884	239.6
145.0	6.074	7.643	10.51	8.485					140-145	2.986	242.6
150.0	4.502	6.035	8.836	6.902					145-150	2.176	244.8
155.0	0.367	1.841	7.479	5.386					150-155	1.415	246.2
160.0	0.215	0.127	0.292	0.904					155-160	0.317	246.5
165.0	0.140	0.074	0.165	0.217					160-165	0.038	246.6
170.0	0.103	0.056	0.089	0.147					165-170	0.015	246.6
175.0	0.086	0.050	0.067	0.107					170-175	0.006	246.6
180.0	0.071	0.052	0.066	0.070					175-180	0.002	246.6
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:

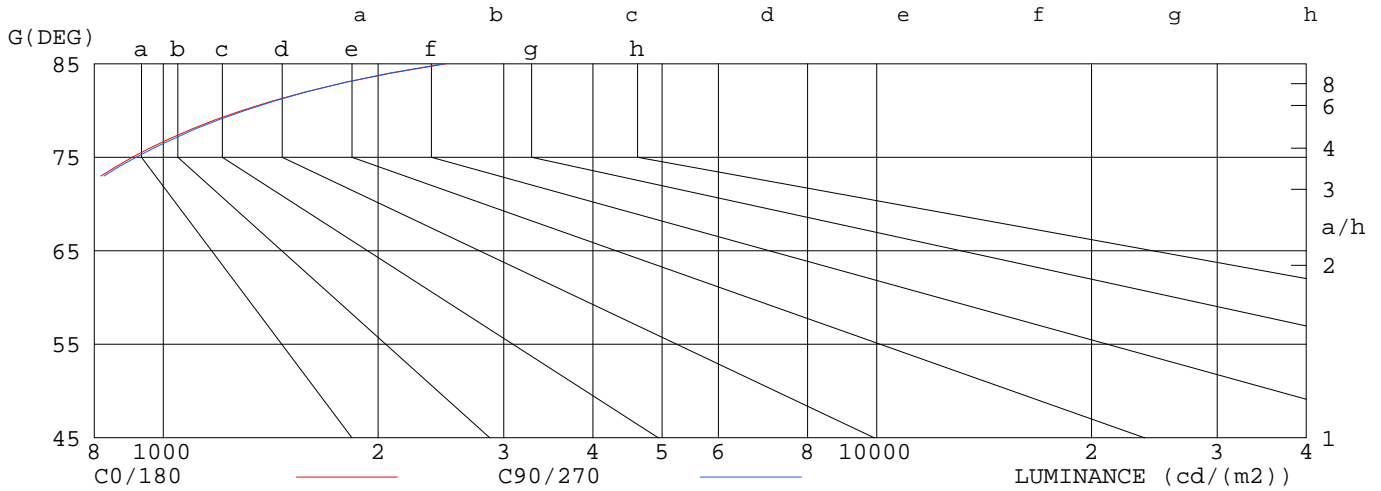
## LUMINANCE LIMITATION CURVES

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/m2		
G( DEG )	C0/180	C90/270
85	2488	2465
80	1288	1300
75	904	916
70	719	723
65	607	605
60	531	524
55	476	464
50	432	417
45	397	379

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

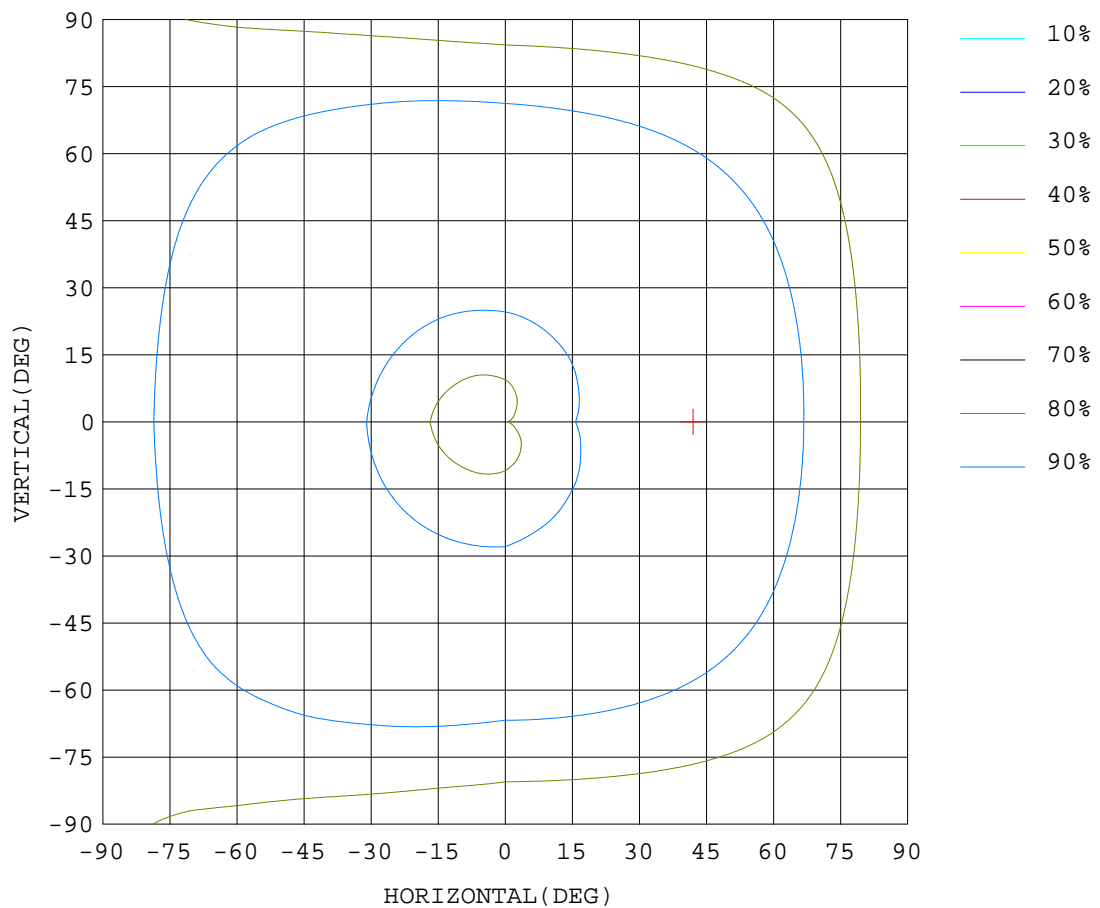
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 Humidity:65.0%  
 Test Distance:1.000 m  
 Remarks:

## ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



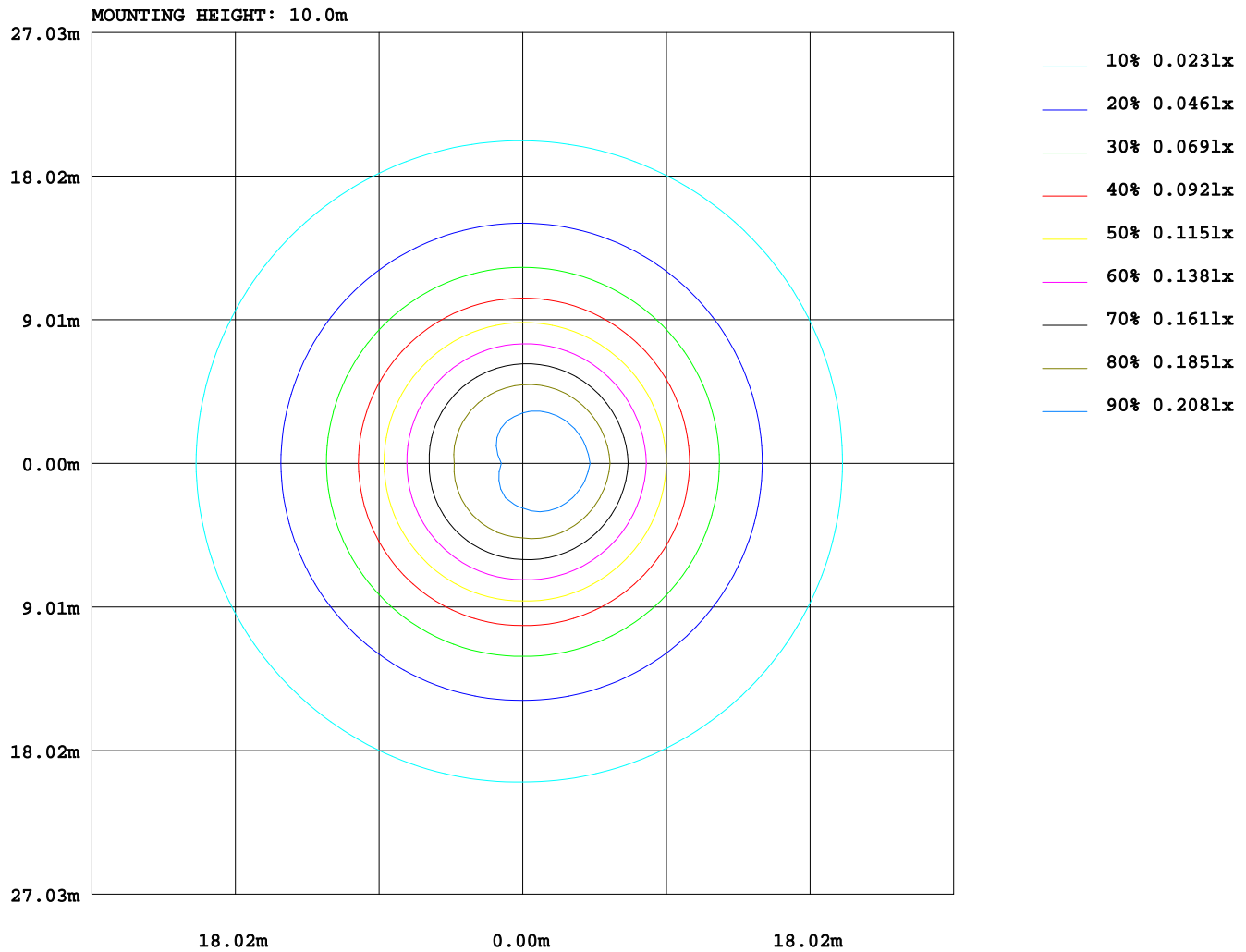
Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:06-30-2023

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.:				

		AREA FLUX DIAGRAM																UNIT:lm				Φ t	Φ a
		0.06	0.18	0.29	0.40	0.49	0.57	0.63	0.66	0.68	0.68	0.65	0.61	0.55	0.47	0.38	0.28	0.17	0.06	7.78	5.52		
VERTICAL (DEG)	90	0.06	0.18	0.31	0.42	0.52	0.61	0.68	0.72	0.74	0.74	0.71	0.66	0.59	0.50	0.39	0.28	0.17	0.06	8.34	5.98		
	80	0.06	0.19	0.32	0.44	0.55	0.65	0.72	0.77	0.80	0.80	0.76	0.71	0.63	0.53	0.41	0.29	0.17	0.06	8.86	6.40		
	70	0.06	0.19	0.33	0.46	0.57	0.67	0.75	0.80	0.83	0.83	0.80	0.74	0.66	0.55	0.43	0.30	0.18	0.06	9.21	6.67		
	60	0.06	0.20	0.34	0.47	0.59	0.69	0.76	0.81	0.83	0.83	0.81	0.76	0.68	0.57	0.45	0.31	0.18	0.06	9.39	6.78		
	50	0.06	0.20	0.34	0.48	0.59	0.68	0.75	0.79	0.81	0.82	0.80	0.76	0.69	0.59	0.46	0.32	0.18	0.06	9.38	6.72		
	40	0.06	0.20	0.35	0.48	0.59	0.67	0.73	0.75	0.77	0.78	0.78	0.75	0.69	0.60	0.47	0.32	0.18	0.06	9.23	6.54		
	30	0.06	0.20	0.35	0.48	0.59	0.66	0.70	0.71	0.71	0.73	0.75	0.74	0.69	0.60	0.47	0.33	0.18	0.06	9.01	6.30		
		0.06	0.20	0.35	0.48	0.59	0.65	0.67	0.66	0.66	0.70	0.73	0.74	0.69	0.60	0.48	0.33	0.19	0.06	8.84	6.12		
		0.06	0.20	0.35	0.48	0.59	0.65	0.67	0.66	0.66	0.69	0.73	0.74	0.69	0.60	0.47	0.33	0.19	0.06	8.82	6.11		
		0.06	0.20	0.35	0.48	0.59	0.66	0.69	0.70	0.70	0.72	0.74	0.74	0.69	0.60	0.47	0.33	0.18	0.06	8.95	6.25		
	-30	0.06	0.20	0.34	0.48	0.59	0.67	0.72	0.74	0.75	0.76	0.77	0.75	0.69	0.59	0.47	0.32	0.18	0.06	9.14	6.46		
	-40	0.06	0.20	0.34	0.47	0.59	0.68	0.74	0.78	0.79	0.80	0.79	0.75	0.68	0.58	0.46	0.32	0.18	0.06	9.26	6.61		
	-50	0.06	0.20	0.33	0.46	0.58	0.68	0.75	0.79	0.81	0.81	0.79	0.75	0.67	0.57	0.44	0.31	0.18	0.06	9.24	6.65		
	-60	0.06	0.19	0.32	0.45	0.57	0.66	0.74	0.78	0.81	0.81	0.78	0.73	0.65	0.55	0.43	0.30	0.17	0.06	9.05	6.54		
	-70	0.06	0.19	0.31	0.44	0.54	0.64	0.71	0.76	0.78	0.77	0.75	0.69	0.62	0.52	0.41	0.29	0.17	0.06	8.69	6.26		
	-80	0.06	0.18	0.30	0.41	0.51	0.60	0.66	0.70	0.72	0.72	0.69	0.64	0.57	0.49	0.39	0.28	0.17	0.06	8.16	5.83		
-90	0.06	0.18	0.29	0.39	0.48	0.55	0.61	0.64	0.66	0.65	0.63	0.59	0.53	0.46	0.37	0.27	0.17	0.06	7.59	5.36			
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90		
Φ t	1.12	3.49	5.91	8.17	10.1	11.6	12.6	13.2	13.5	13.6	13.4	12.8	11.6	9.94	7.84	5.51	3.19	1.02	247				
Φ a	0.00	0.00	0.00	0.00	5.28	11.6	12.6	13.2	13.5	13.6	13.4	12.8	11.6	5.21	0.00	0.00	0.00	0.00		47			

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:

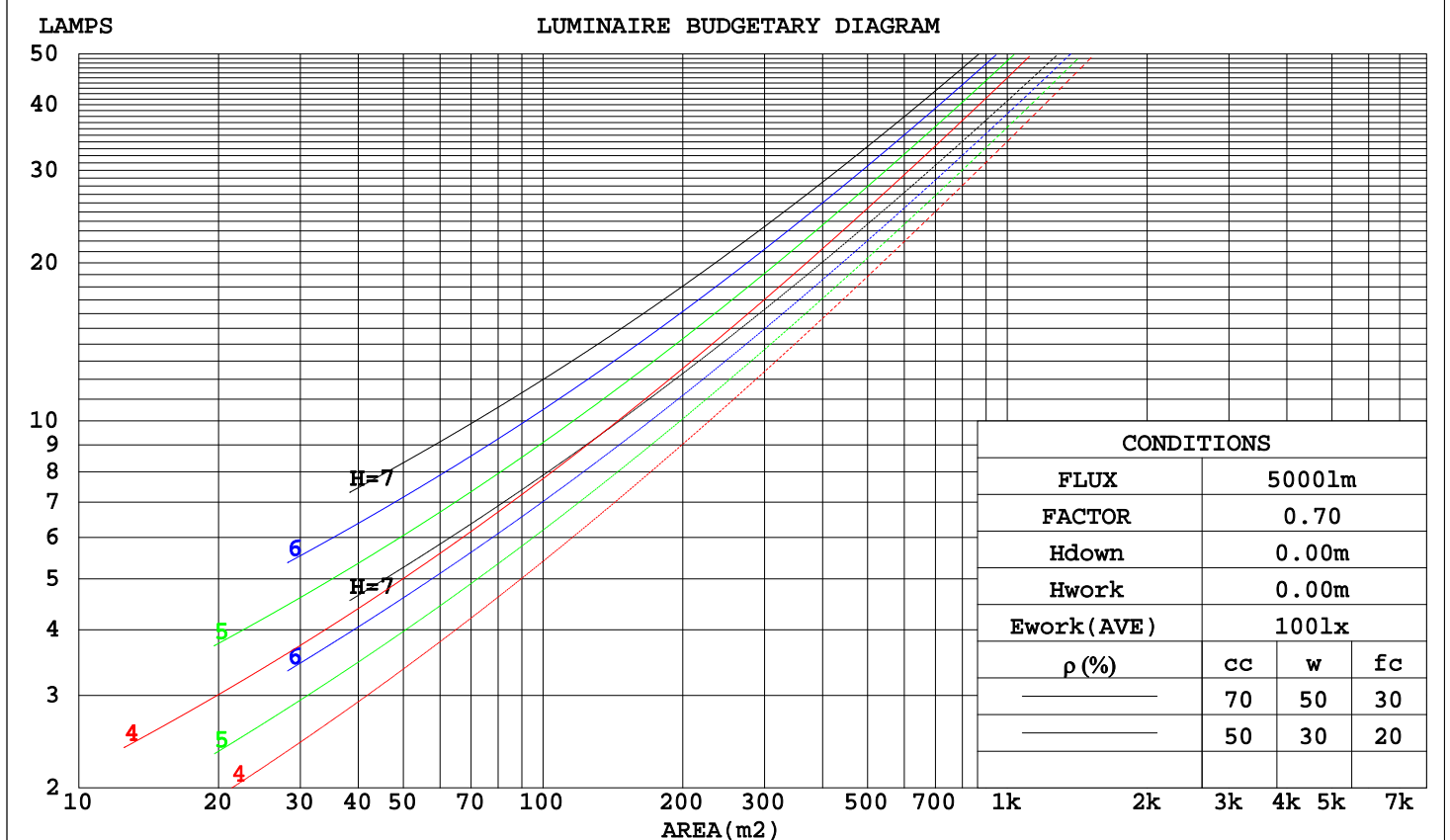


## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

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

$\rho_{cc}$	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															



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 Test Distance:1.000 m  
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# 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	.421	.240	.076	.403	.230	.073	.369	.212	.068	.338	.195	.063	.309	.179	.058	
2.0	.353	.194	.059	.337	.186	.057	.306	.170	.053	.277	.156	.049	.251	.142	.045	
3.0	.309	.164	.049	.294	.157	.047	.265	.144	.044	.239	.131	.040	.215	.119	.037	
4.0	.275	.143	.042	.261	.137	.040	.235	.125	.037	.211	.113	.034	.189	.103	.031	
5.0	.248	.126	.037	.235	.121	.035	.212	.110	.032	.190	.100	.030	.169	.090	.027	
6.0	.226	.113	.032	.214	.108	.031	.192	.099	.029	.172	.089	.026	.153	.081	.024	
7.0	.207	.102	.029	.197	.098	.028	.177	.089	.026	.158	.081	.024	.140	.073	.021	
8.0	.191	.093	.026	.182	.089	.025	.163	.081	.023	.146	.074	.021	.129	.066	.019	
9.0	.178	.086	.024	.169	.082	.023	.152	.075	.021	.135	.068	.019	.120	.061	.018	
10.0	.166	.080	.022	.157	.076	.021	.141	.069	.020	.126	.063	.018	.112	.056	.016	

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	.461	.461	.461	.394	.394	.394	.269	.269	.269	.155	.155	.155	.049	.049	.049	
1.0	.461	.428	.398	.394	.367	.343	.270	.253	.237	.155	.146	.138	.050	.047	.045	
2.0	.455	.406	.365	.390	.350	.316	.267	.242	.220	.154	.141	.129	.049	.046	.042	
3.0	.448	.391	.345	.384	.337	.299	.264	.234	.210	.152	.137	.124	.049	.044	.041	
4.0	.441	.379	.332	.378	.327	.288	.260	.228	.203	.150	.134	.120	.048	.044	.039	
5.0	.433	.370	.323	.372	.320	.281	.256	.223	.198	.148	.131	.118	.048	.043	.039	
6.0	.425	.362	.317	.366	.314	.276	.252	.220	.195	.146	.129	.116	.047	.042	.038	
7.0	.418	.356	.312	.360	.308	.272	.249	.216	.193	.144	.127	.115	.047	.042	.038	
8.0	.412	.350	.308	.354	.304	.269	.245	.213	.191	.143	.126	.114	.046	.041	.038	
9.0	.405	.346	.306	.349	.300	.267	.242	.211	.189	.141	.125	.113	.046	.041	.037	
10.0	.400	.342	.303	.344	.297	.265	.239	.209	.188	.139	.123	.112	.045	.041	.037	

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	8.2	9.5	8.9	10.2	11.1	8.1	9.4	8.8	10.1	11.0	
3H	11.1	12.2	11.8	13.0	13.9	11.1	12.2	11.8	13.0	13.9	
4H	12.7	13.8	13.4	14.5	15.5	12.7	13.8	13.4	14.5	15.5	
6H	14.4	15.4	15.2	16.2	17.2	14.5	15.5	15.2	16.3	17.3	
8H	15.4	16.4	16.2	17.2	18.2	15.5	16.4	16.2	17.2	18.2	
12H	16.6	17.5	17.4	18.3	19.3	16.6	17.5	17.4	18.3	19.4	
4H 2H	9.1	10.2	9.9	11.0	11.9	9.1	10.1	9.8	10.9	11.9	
3H	12.2	13.1	12.9	13.9	14.9	12.1	13.1	12.9	13.9	14.9	
4H	13.9	14.7	14.7	15.6	16.6	13.9	14.8	14.7	15.6	16.6	
6H	15.8	16.6	16.6	17.4	18.5	15.8	16.6	16.7	17.5	18.5	
8H	16.9	17.6	17.7	18.5	19.6	16.9	17.6	17.8	18.5	19.6	
12H	18.2	18.8	19.0	19.7	20.8	18.2	18.8	19.0	19.7	20.8	
8H 4H	14.5	15.3	15.4	16.1	17.2	14.5	15.3	15.4	16.1	17.2	
6H	16.7	17.3	17.6	18.2	19.3	16.8	17.4	17.6	18.3	19.4	
8H	18.0	18.6	18.9	19.5	20.6	18.0	18.6	18.9	19.5	20.6	
12H	19.5	20.0	20.4	20.9	22.0	19.5	20.0	20.4	20.9	22.0	
12H 4H	14.7	15.4	15.6	16.2	17.3	14.7	15.4	15.6	16.3	17.4	
6H	17.0	17.6	17.9	18.5	19.6	17.0	17.6	17.9	18.5	19.6	
8H	18.4	18.9	19.3	19.8	21.0	18.4	18.9	19.3	19.8	21.0	
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 246.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -4.9)

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) $k(RI) \times RCR = 5$									
$k = 0.60$	39	26	19	38	26	19	35	24	18	11
0.80	48	34	26	46	33	25	42	31	24	15
1.00	55	41	32	53	40	31	48	39	29	19
1.25	62	48	39	59	46	37	53	42	35	23
1.50	68	54	44	64	51	43	57	47	39	26
2.00	75	63	53	71	60	51	63	54	47	31
2.50	80	69	59	76	65	57	67	58	52	35
3.00	84	74	65	79	70	62	70	62	56	38
4.00	90	80	72	84	76	69	74	68	62	42
5.00	93	85	78	87	80	74	77	71	66	45
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004					Suspended			SHRNOM = 1.25		

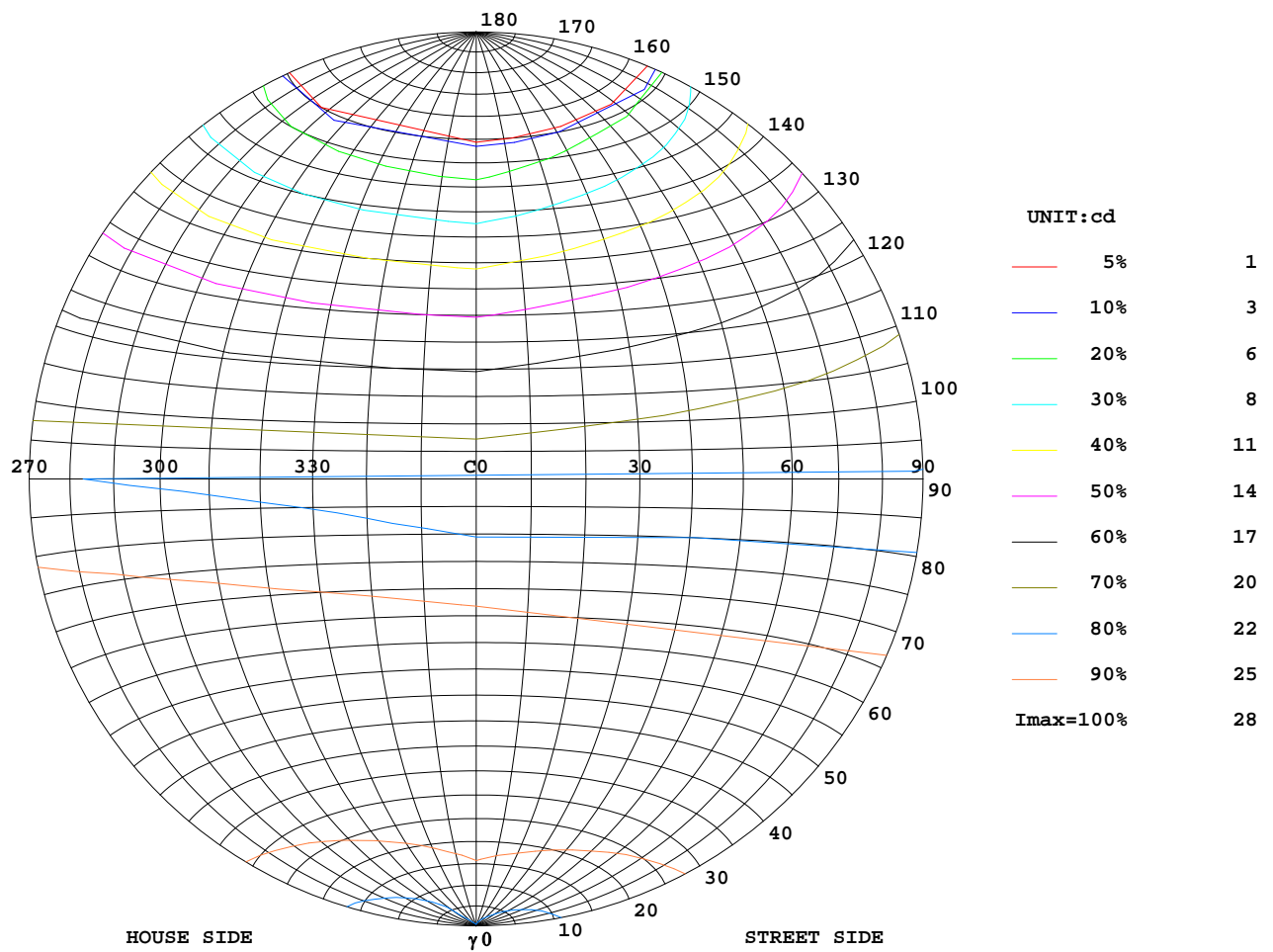
Test System:HOP00 HP880D  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-30-2023

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

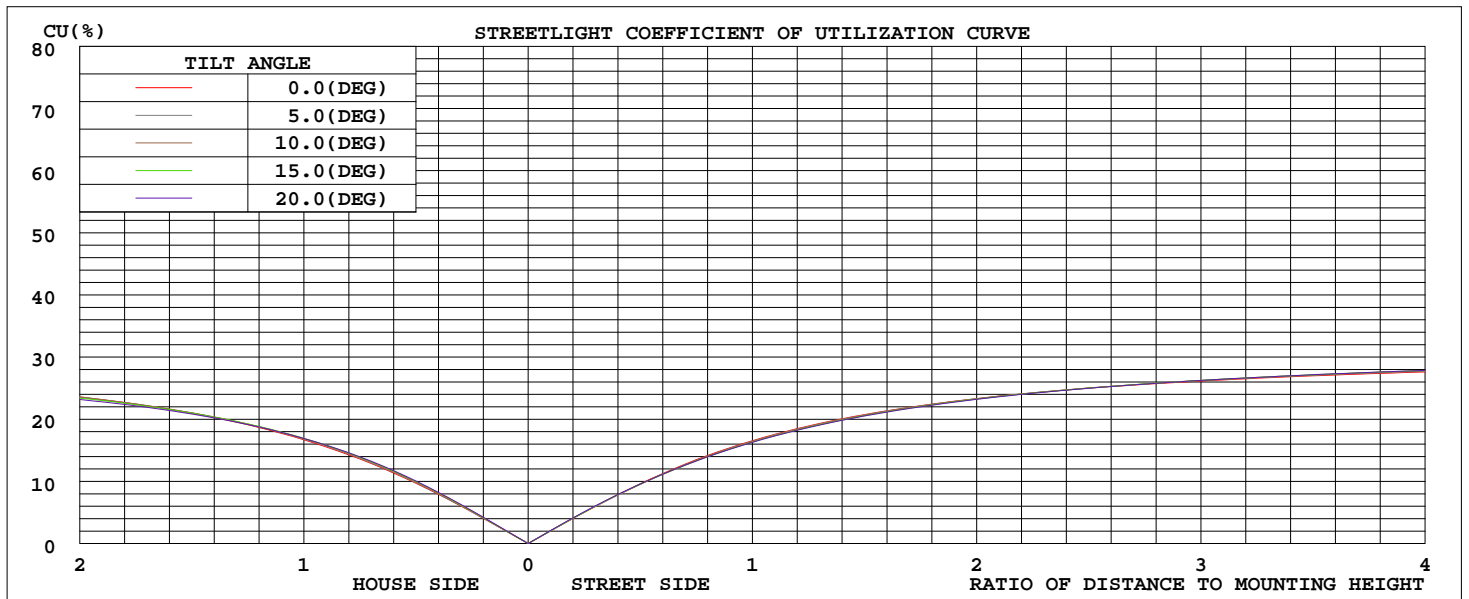
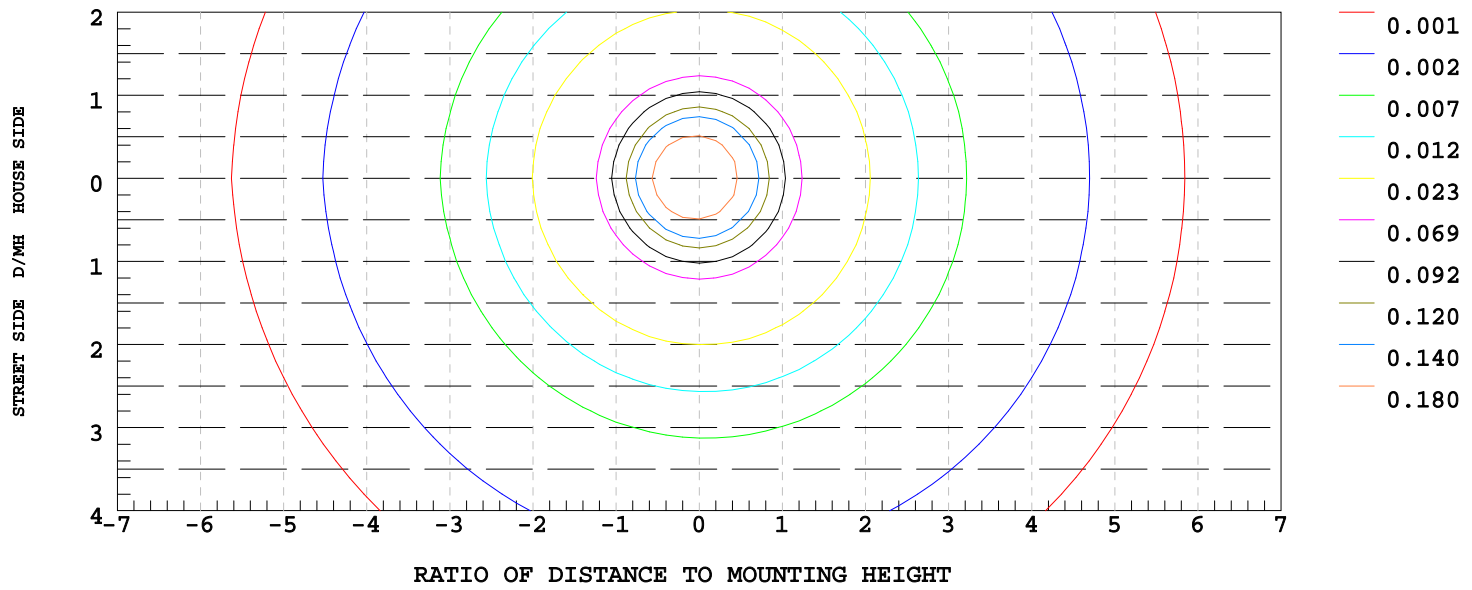
Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:1.000 m  
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 0.22 lx



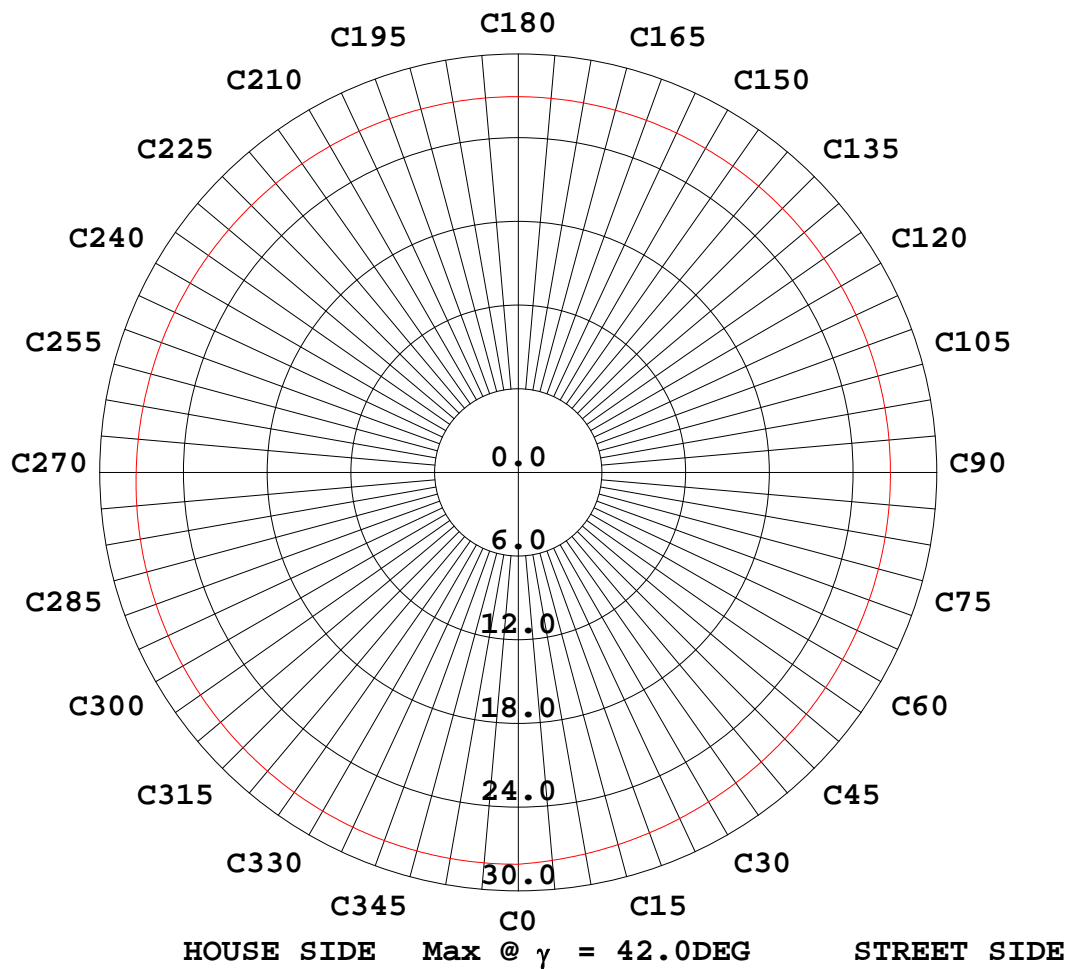
Test System:HOP00 HP880D  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-30-2023

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:

## 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	22.3	21.6	22.3	21.6
5.0	23.3	21.6	21.4	21.9
10.0	24.1	22.3	21.4	22.5
15.0	25.1	23.1	22.1	23.4
20.0	26.0	24.0	23.0	24.3
25.0	26.8	24.8	24.1	25.3
30.0	27.5	25.5	25.1	26.1
35.0	27.8	26.1	25.9	26.8
40.0	28.0	26.5	26.7	27.2
45.0	28.0	26.7	27.2	27.5
50.0	27.7	26.7	27.5	27.5
55.0	27.2	26.5	27.7	27.3
60.0	26.5	26.1	27.5	26.9
65.0	25.6	25.5	27.2	26.3
70.0	24.5	24.7	26.7	25.4
75.0	23.4	23.6	25.9	24.5
80.0	22.3	22.5	25.0	23.4
85.0	21.6	21.4	23.8	22.2
90.0	20.9	20.6	22.7	21.4
95.0	20.1	20.0	21.7	20.8
100.0	19.1	19.2	21.0	20.0
105.0	17.9	18.3	20.3	19.1
110.0	16.7	17.3	19.4	18.0
115.0	15.4	16.2	18.4	16.9
120.0	13.9	14.9	17.3	15.6
125.0	12.4	13.6	16.1	14.3
130.0	10.8	12.2	14.8	12.9
135.0	9.21	10.6	13.4	11.4
140.0	7.63	9.18	12.0	9.99
145.0	6.07	7.64	10.5	8.48
150.0	4.50	6.03	8.83	6.90
155.0	0.37	1.84	7.47	5.38
160.0	0.22	0.13	0.29	0.90
165.0	0.14	0.07	0.17	0.22
170.0	0.10	0.06	0.09	0.15
175.0	0.09	0.05	0.07	0.11
180.0	0.07	0.05	0.07	0.07

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: