

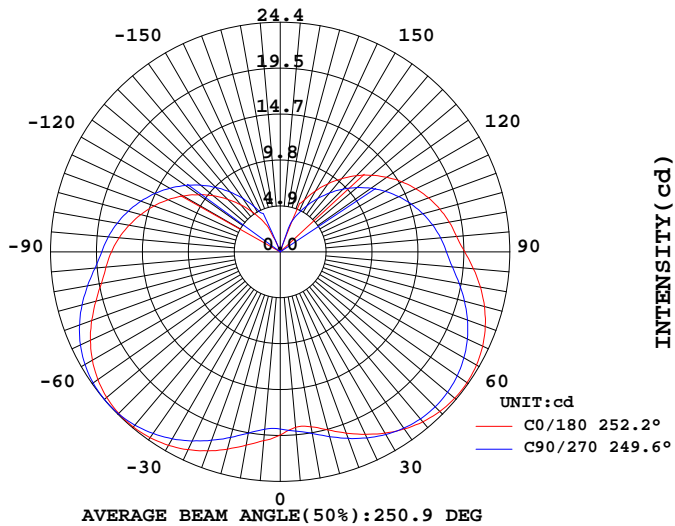
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

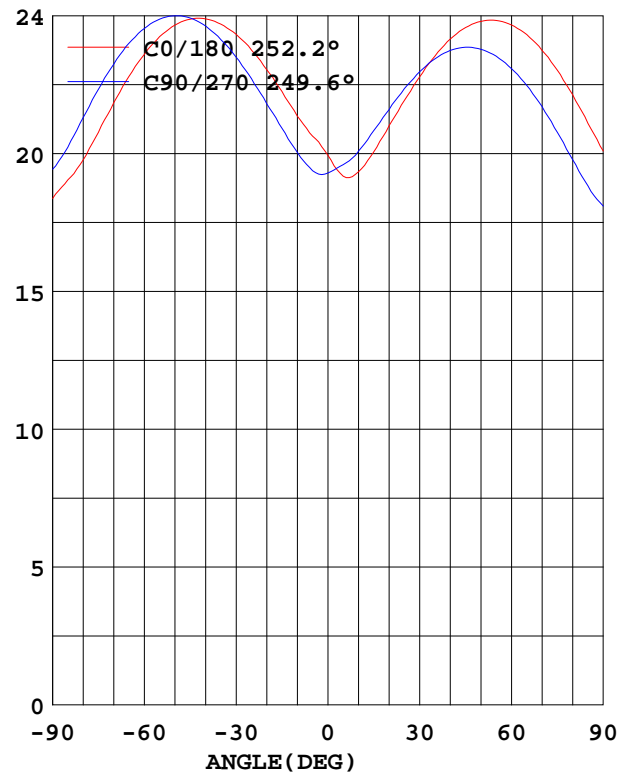
MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	24.41	S/MH(C0/180)	1.84
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.88
NOMINAL POWER(W)	2	TOTAL FLUX(lm)	214.6	Voltage(V)	12.04
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	98.5	Current(A)	0.223
NOMINAL FLUX(lm)	214.6	η up(%)	35.4	Power(W)	2.180
LAMPS QUANTITY	1	η down(%)	64.6	Power Factor(PF)	0.812
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	41.5	EEI	0.283

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-01-2023

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.:

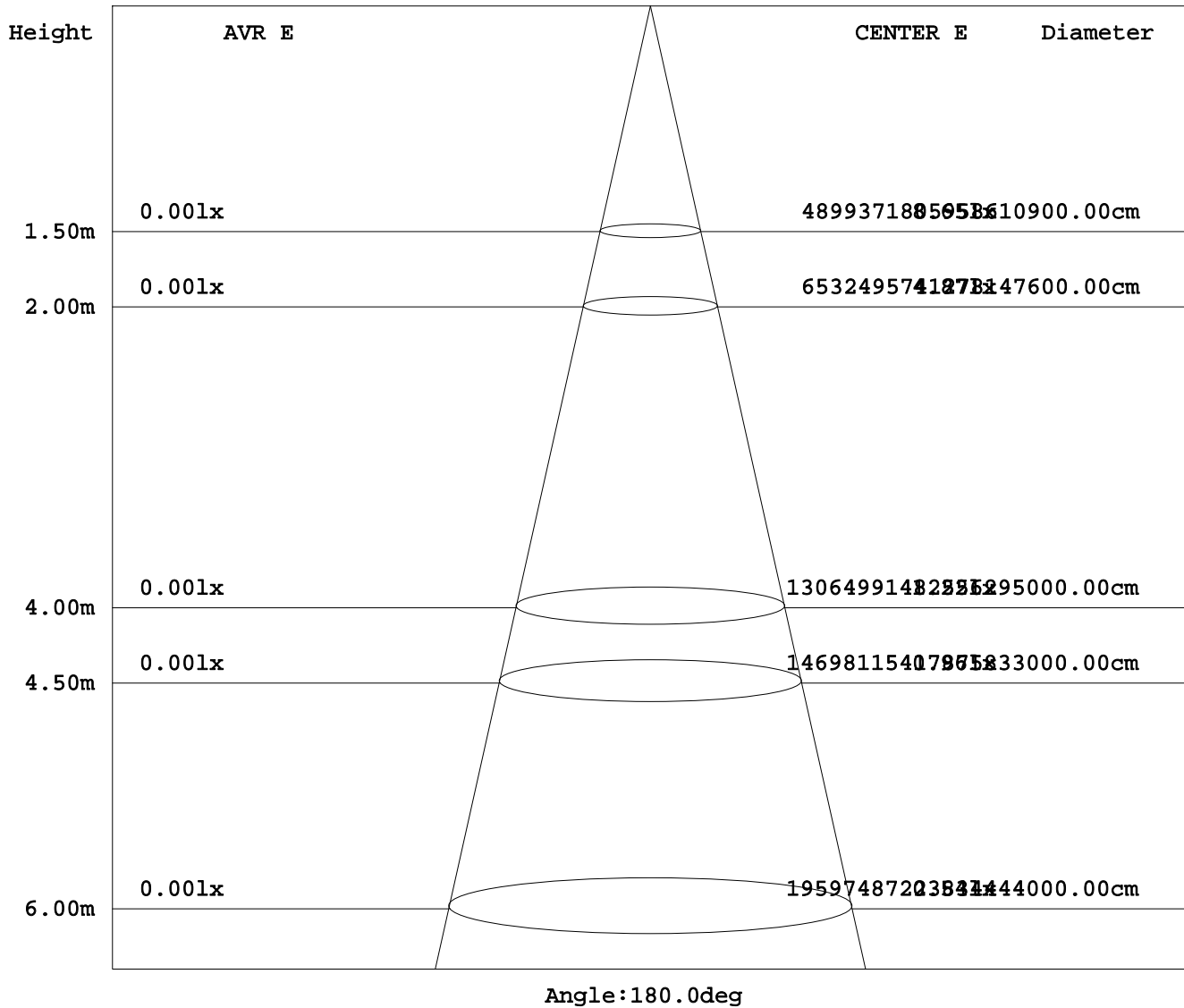
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-01-2023

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:07-01-2023

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	20.15	18.92	18.73	19.13					0- 5	0.459	0.459
10.0	20.86	19.58	18.89	19.62					5- 10	1.393	1.852
15.0	21.73	20.43	19.59	20.34					10- 15	2.389	4.242
20.0	22.51	21.30	20.52	21.09					15- 20	3.455	7.697
25.0	23.20	22.19	21.41	21.83					20- 25	4.568	12.26
30.0	23.76	22.95	22.25	22.43					25- 30	5.701	17.96
35.0	24.12	23.57	22.98	22.89					30- 35	6.815	24.78
40.0	24.30	24.05	23.59	23.19					35- 40	7.878	32.66
45.0	24.29	24.33	24.00	23.30					40- 45	8.851	41.51
50.0	24.08	24.41	24.21	23.23					45- 50	9.700	51.21
55.0	23.67	24.29	24.25	22.98					50- 55	10.39	61.61
60.0	23.05	23.96	24.09	22.54					55- 60	10.92	72.53
65.0	22.27	23.44	23.75	21.95					60- 65	11.25	83.78
70.0	21.34	22.70	23.19	21.20					65- 70	11.39	95.17
75.0	20.29	21.81	22.48	20.28					70- 75	11.32	106.5
80.0	19.31	20.81	21.62	19.32					75- 80	11.10	117.6
85.0	18.60	19.76	20.60	18.39					80- 85	10.75	128.3
90.0	17.94	18.98	19.62	17.67					85- 90	10.37	138.7
95.0	17.19	18.36	18.83	17.12					90- 95	9.976	148.7
100.0	16.34	17.58	18.24	16.48					95-100	9.527	158.2
105.0	15.33	16.73	17.57	15.69					100-105	8.970	167.2
110.0	14.28	15.77	16.80	14.85					105-110	8.308	175.5
115.0	13.15	14.73	15.88	13.92					110-115	7.561	183.0
120.0	11.88	13.54	14.91	12.87					115-120	6.747	189.8
125.0	10.61	12.33	13.85	11.80					120-125	5.890	195.7
130.0	9.297	11.06	12.66	10.66					125-130	5.019	200.7
135.0	7.890	9.684	11.45	9.423					130-135	4.155	204.8
140.0	6.542	8.333	10.19	8.198					135-140	3.326	208.2
145.0	5.211	6.970	8.819	6.953					140-145	2.555	210.7
150.0	3.932	5.546	7.475	5.655					145-150	1.865	212.6
155.0	1.706	4.539	6.109	4.448					150-155	1.268	213.9
160.0	0.261	0.124	1.746	3.257					155-160	0.632	214.5
165.0	0.135	0.072	0.157	0.247					160-165	0.081	214.6
170.0	0.088	0.040	0.089	0.145					165-170	0.014	214.6
175.0	0.067	0.034	0.051	0.100					170-175	0.005	214.6
180.0	0.048	0.038	0.045	0.052					175-180	0.001	214.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-01-2023

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:

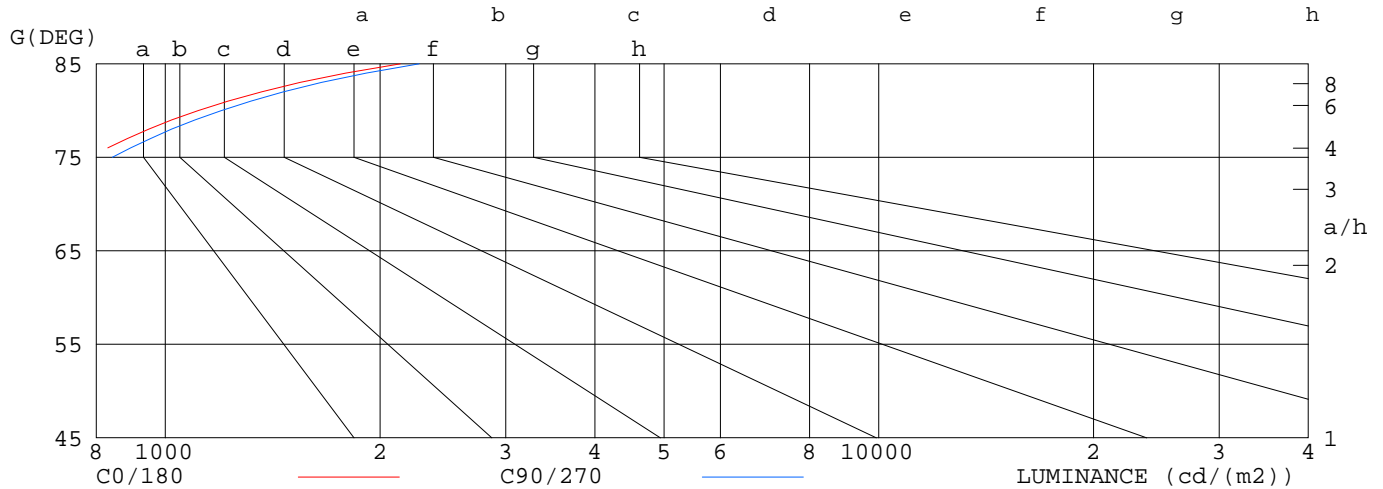
CCT(K): 0

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	2135	2267
80	1112	1199
75	784	843
70	624	664
65	527	555
60	461	479
55	413	424
50	375	380
45	344	344

Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-01-2023

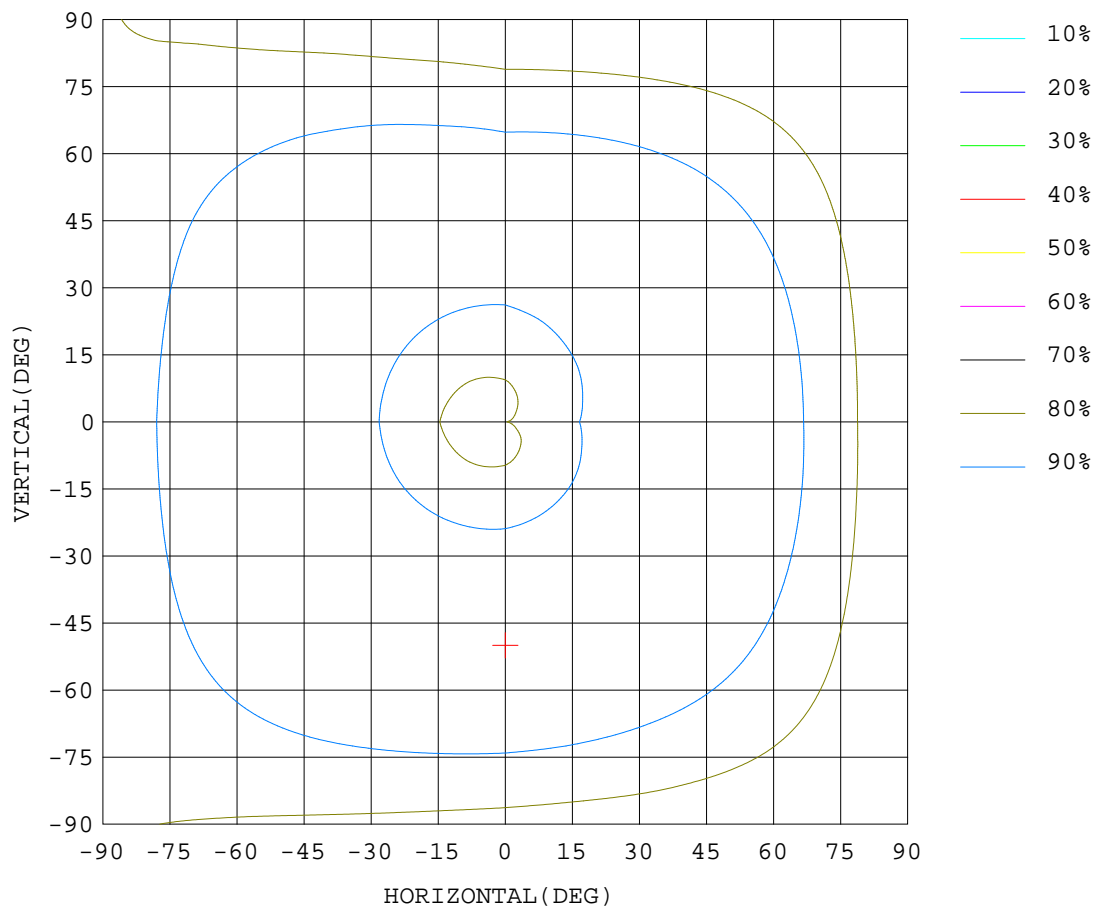
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



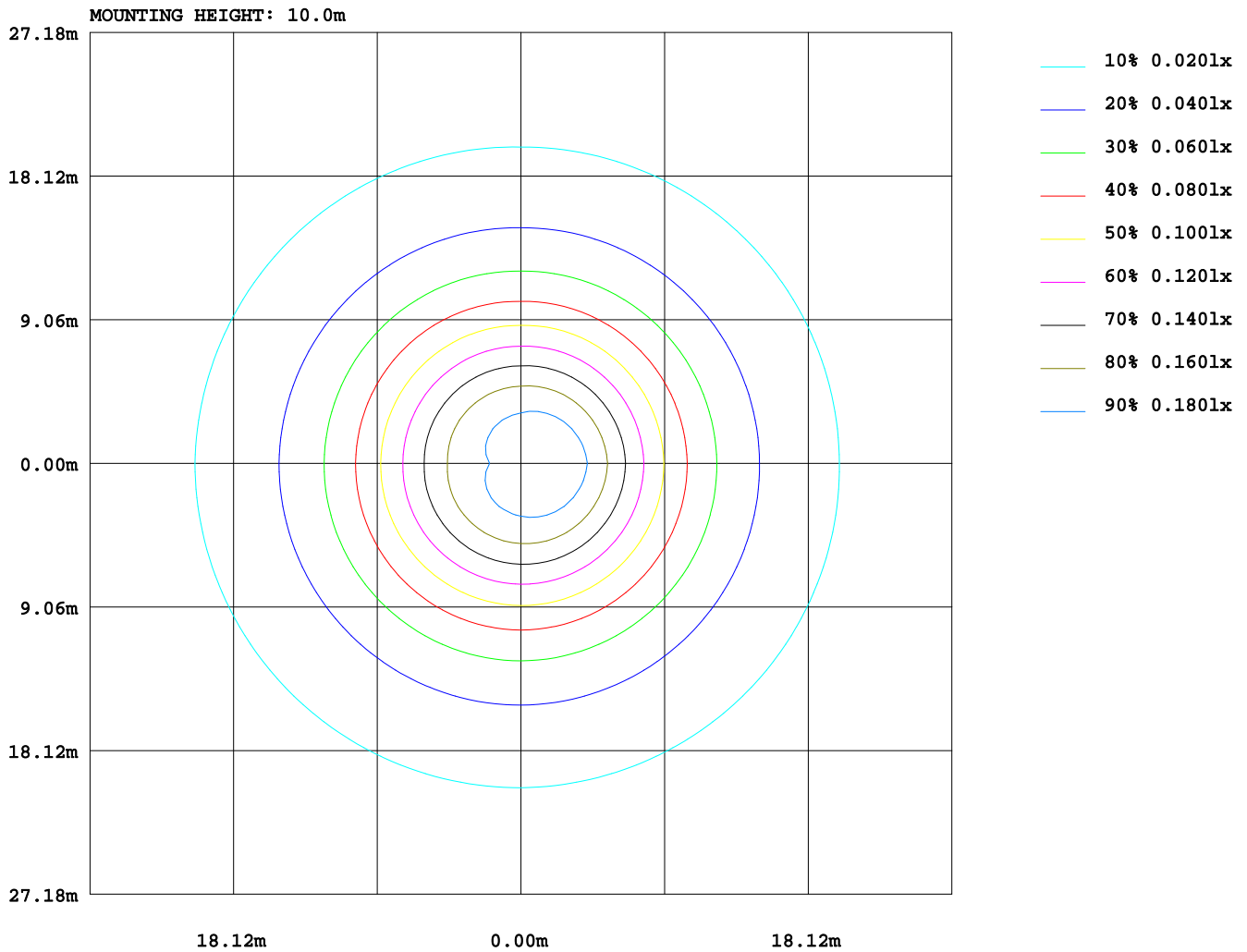
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-01-2023

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:07-01-2023

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
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90					
VERTICAL (DEG)	90	0.05	0.15	0.25	0.34	0.41	0.48	0.52	0.55	0.56	0.56	0.54	0.51	0.46	0.39	0.32	0.23	0.14	0.05	6.51	4.59			
	80	0.05	0.16	0.26	0.36	0.44	0.51	0.57	0.60	0.62	0.61	0.59	0.55	0.49	0.42	0.33	0.24	0.15	0.05	7.01	5.00			
	70	0.05	0.16	0.27	0.38	0.47	0.55	0.61	0.65	0.67	0.66	0.64	0.60	0.53	0.45	0.35	0.25	0.15	0.05	7.48	5.39			
	60	0.05	0.17	0.28	0.39	0.49	0.57	0.64	0.68	0.70	0.70	0.68	0.63	0.56	0.47	0.37	0.26	0.15	0.05	7.83	5.65			
	50	0.05	0.17	0.29	0.40	0.50	0.59	0.65	0.69	0.71	0.71	0.69	0.65	0.58	0.49	0.38	0.27	0.15	0.05	8.02	5.78			
	40	0.05	0.17	0.29	0.41	0.51	0.59	0.65	0.68	0.69	0.70	0.69	0.65	0.59	0.50	0.40	0.27	0.16	0.05	8.06	5.77			
	30	0.06	0.17	0.30	0.42	0.52	0.59	0.63	0.65	0.66	0.67	0.67	0.65	0.60	0.51	0.40	0.28	0.16	0.05	7.98	5.65			
	20	0.06	0.18	0.30	0.42	0.52	0.58	0.61	0.62	0.62	0.63	0.65	0.64	0.60	0.52	0.41	0.28	0.16	0.05	7.82	5.47			
	10	0.06	0.18	0.30	0.42	0.51	0.57	0.59	0.59	0.58	0.61	0.63	0.64	0.60	0.52	0.41	0.29	0.16	0.05	7.71	5.34			
	0	0.06	0.18	0.30	0.42	0.52	0.57	0.60	0.59	0.58	0.60	0.64	0.64	0.60	0.52	0.41	0.29	0.16	0.05	7.72	5.35			
	-10	0.06	0.18	0.30	0.42	0.52	0.58	0.62	0.62	0.62	0.63	0.65	0.64	0.60	0.52	0.41	0.29	0.16	0.05	7.87	5.51			
	-20	0.06	0.18	0.30	0.42	0.52	0.60	0.64	0.66	0.67	0.68	0.68	0.66	0.60	0.52	0.41	0.28	0.16	0.05	8.08	5.73			
	-30	0.05	0.17	0.30	0.42	0.52	0.60	0.66	0.70	0.71	0.72	0.70	0.67	0.60	0.51	0.40	0.28	0.16	0.05	8.23	5.91			
	-40	0.05	0.17	0.29	0.41	0.52	0.60	0.67	0.71	0.74	0.74	0.71	0.67	0.60	0.50	0.39	0.27	0.16	0.05	8.25	5.97			
	-50	0.05	0.17	0.29	0.40	0.51	0.59	0.66	0.71	0.74	0.73	0.71	0.66	0.58	0.49	0.38	0.26	0.15	0.05	8.12	5.90			
	-60	0.05	0.16	0.28	0.39	0.49	0.57	0.64	0.69	0.71	0.71	0.68	0.63	0.55	0.46	0.36	0.25	0.15	0.05	7.80	5.66			
	-70	0.05	0.16	0.27	0.37	0.46	0.54	0.60	0.64	0.66	0.66	0.63	0.58	0.51	0.43	0.34	0.25	0.15	0.05	7.34	5.29			
	-80	0.05	0.16	0.26	0.35	0.43	0.50	0.55	0.59	0.60	0.60	0.58	0.53	0.48	0.41	0.33	0.24	0.14	0.05	6.82	4.85			
-90	0.05	0.16	0.26	0.35	0.43	0.50	0.55	0.59	0.60	0.60	0.58	0.53	0.48	0.41	0.33	0.24	0.14	0.05	6.82	4.85				
HORIZONTAL (DEG)																								
Φ t	0.97	3.02	5.13	7.12	8.85	10.1	11.1	11.6	11.8	11.9	11.7	11.1	10.1	8.64	6.80	4.78	2.76	0.88	215					
Φ a	0.00	0.00	0.00	0.00	4.62	10.1	11.1	11.6	11.8	11.9	11.7	11.1	10.1	4.53	0.00	0.00	0.00	0.00		42				

Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-01-2023

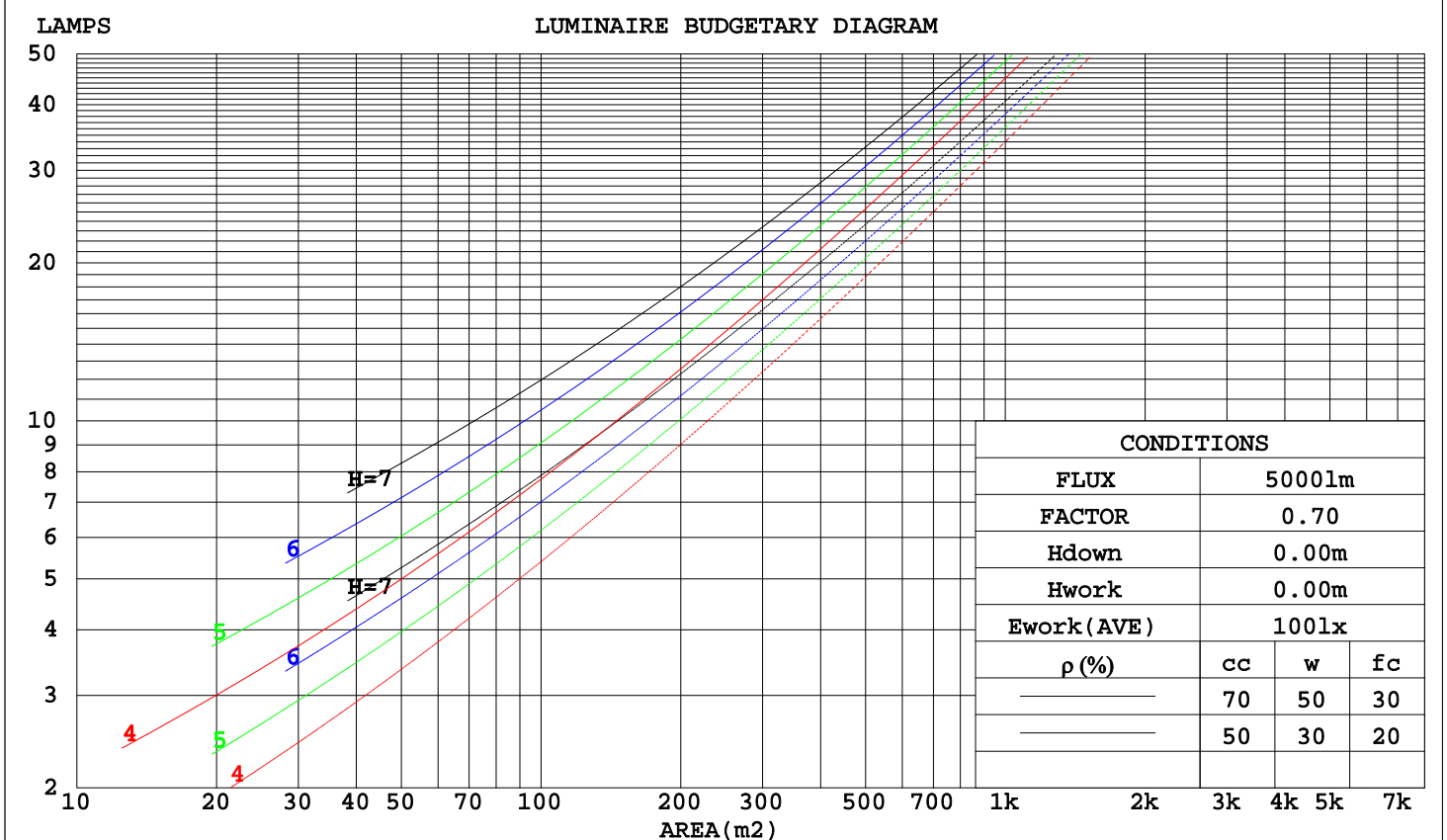
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

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

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															



Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-01-2023

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.:			

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															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.421	.239	.076	.403	.230	.073	.369	.212	.068	.338	.195	.063	.309	.179	.058															
2.0	.353	.194	.059	.337	.185	.057	.306	.170	.053	.277	.156	.049	.251	.142	.045															
3.0	.308	.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	.114	.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	.193	.099	.029	.172	.090	.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	.082	.023	.146	.074	.021	.130	.066	.019															
9.0	.178	.086	.024	.169	.082	.023	.152	.075	.021	.135	.068	.019	.120	.061	.018															
10.0	.166	.080	.022	.158	.076	.021	.142	.069	.020	.127	.063	.018	.112	.056	.016															

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.460	.460	.460	.393	.393	.393	.268	.268	.268	.154	.154	.154	.049	.049	.049	
1.0	.460	.427	.397	.393	.366	.342	.269	.252	.236	.155	.146	.138	.050	.047	.044	
2.0	.454	.405	.364	.389	.349	.315	.266	.241	.220	.154	.140	.129	.049	.045	.042	
3.0	.447	.390	.344	.383	.336	.298	.263	.233	.209	.152	.136	.123	.049	.044	.040	
4.0	.439	.378	.331	.377	.326	.287	.259	.227	.202	.150	.133	.120	.048	.043	.039	
5.0	.432	.368	.322	.371	.319	.280	.255	.223	.198	.148	.131	.117	.048	.043	.039	
6.0	.424	.361	.315	.365	.313	.275	.252	.219	.194	.146	.129	.116	.047	.042	.038	
7.0	.417	.355	.311	.359	.307	.271	.248	.215	.192	.144	.127	.114	.047	.042	.038	
8.0	.410	.349	.307	.353	.303	.268	.244	.213	.190	.142	.125	.113	.046	.041	.037	
9.0	.404	.345	.304	.348	.299	.266	.241	.210	.189	.141	.124	.112	.046	.041	.037	
10.0	.398	.341	.302	.343	.296	.264	.238	.208	.187	.139	.123	.112	.045	.040	.037	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-01-2023

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

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	7.8	9.0	8.5	9.8	10.7	7.9	9.2	8.6	9.9	10.8
	3H	10.7	11.8	11.4	12.6	13.5	10.9	12.0	11.6	12.8	13.7
	4H	12.2	13.3	13.0	14.1	15.0	12.5	13.6	13.3	14.4	15.4
	6H	14.0	15.0	14.7	15.8	16.8	14.3	15.3	15.1	16.1	17.1
	8H	14.9	15.9	15.7	16.7	17.7	15.3	16.3	16.1	17.1	18.1
	12H	16.1	17.0	16.9	17.8	18.8	16.5	17.4	17.3	18.2	19.2
4H	2H	8.7	9.8	9.5	10.6	11.6	8.8	9.9	9.6	10.7	11.6
	3H	11.7	12.7	12.5	13.5	14.5	11.9	12.9	12.7	13.7	14.7
	4H	13.5	14.3	14.3	15.2	16.2	13.7	14.6	14.5	15.4	16.4
	6H	15.4	16.1	16.2	17.0	18.1	15.7	16.5	16.5	17.3	18.4
	8H	16.4	17.2	17.3	18.0	19.1	16.8	17.5	17.6	18.4	19.4
	12H	17.7	18.3	18.5	19.2	20.3	18.0	18.7	18.9	19.6	20.7
8H	4H	14.1	14.9	15.0	15.7	16.8	14.3	15.1	15.2	15.9	17.0
	6H	16.3	16.9	17.2	17.8	18.9	16.6	17.2	17.4	18.1	19.2
	8H	17.6	18.1	18.5	19.0	20.1	17.9	18.4	18.7	19.3	20.4
	12H	19.0	19.5	19.9	20.4	21.6	19.3	19.8	20.2	20.7	21.9
12H	4H	14.3	15.0	15.2	15.9	17.0	14.5	15.2	15.4	16.0	17.1
	6H	16.6	17.2	17.5	18.1	19.2	16.8	17.4	17.7	18.3	19.4
	8H	18.0	18.5	18.9	19.4	20.5	18.2	18.7	19.1	19.6	20.8
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 214.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -5.3)

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-01-2023

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	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	38	53	43	35	23
1.50	68	54	44	64	52	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	59	52	35
3.00	84	74	65	79	70	62	70	62	56	38
4.00	90	80	73	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										

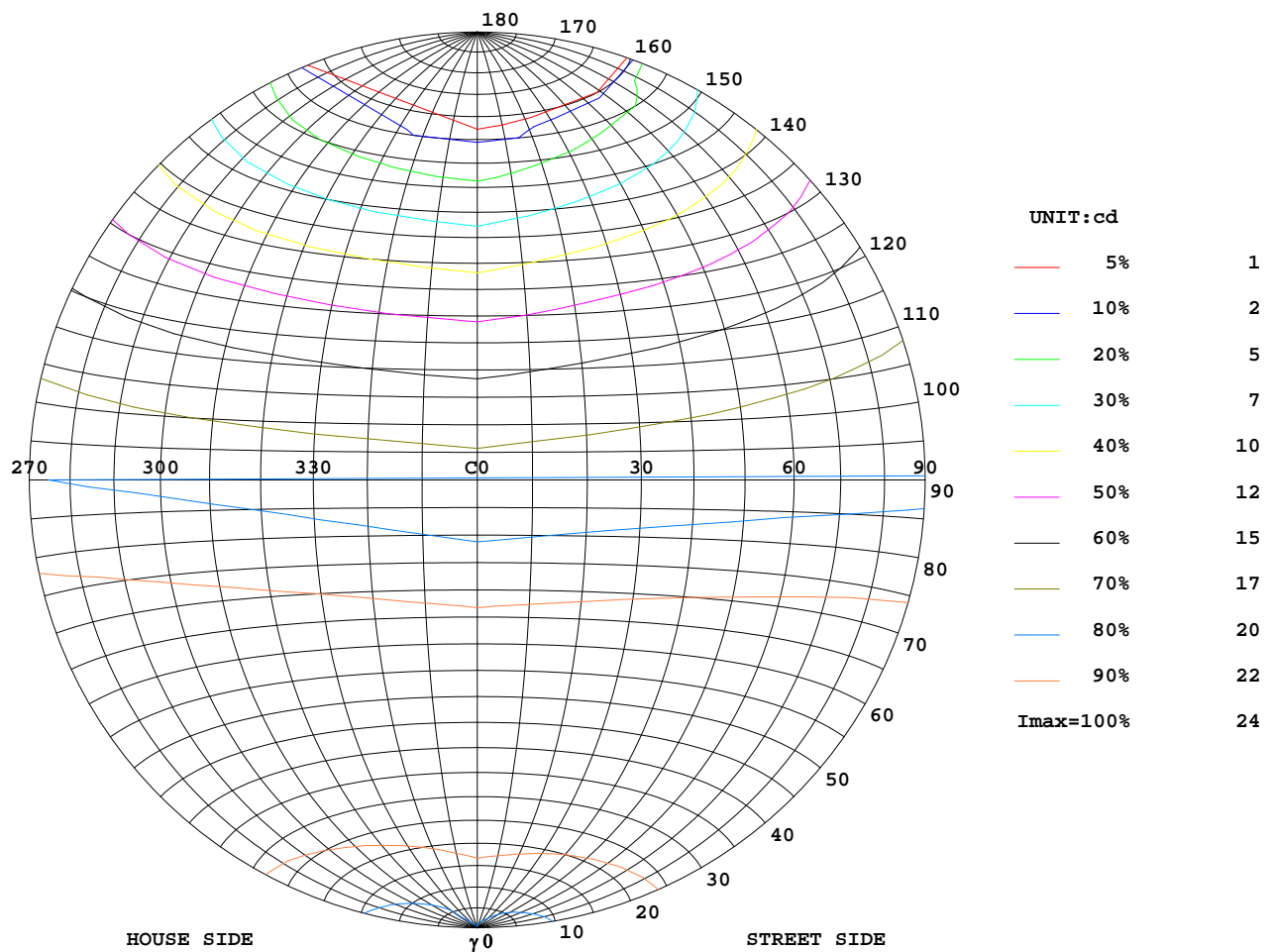
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-01-2023

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:07-01-2023

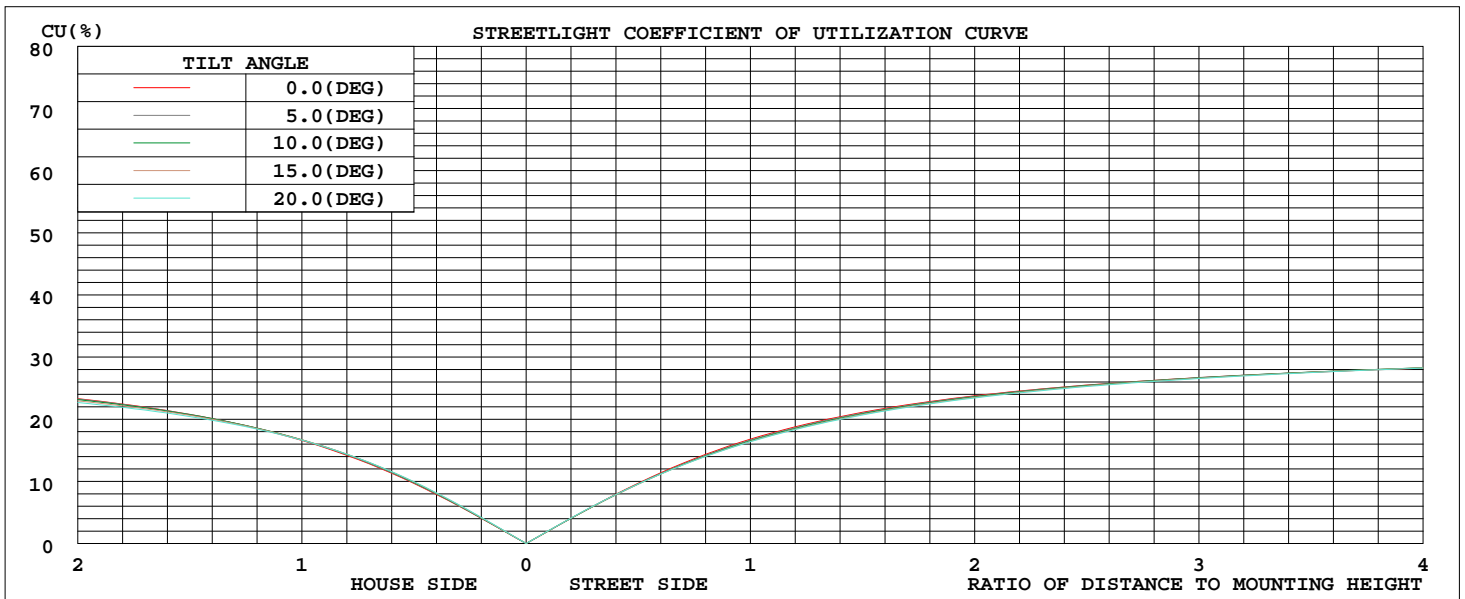
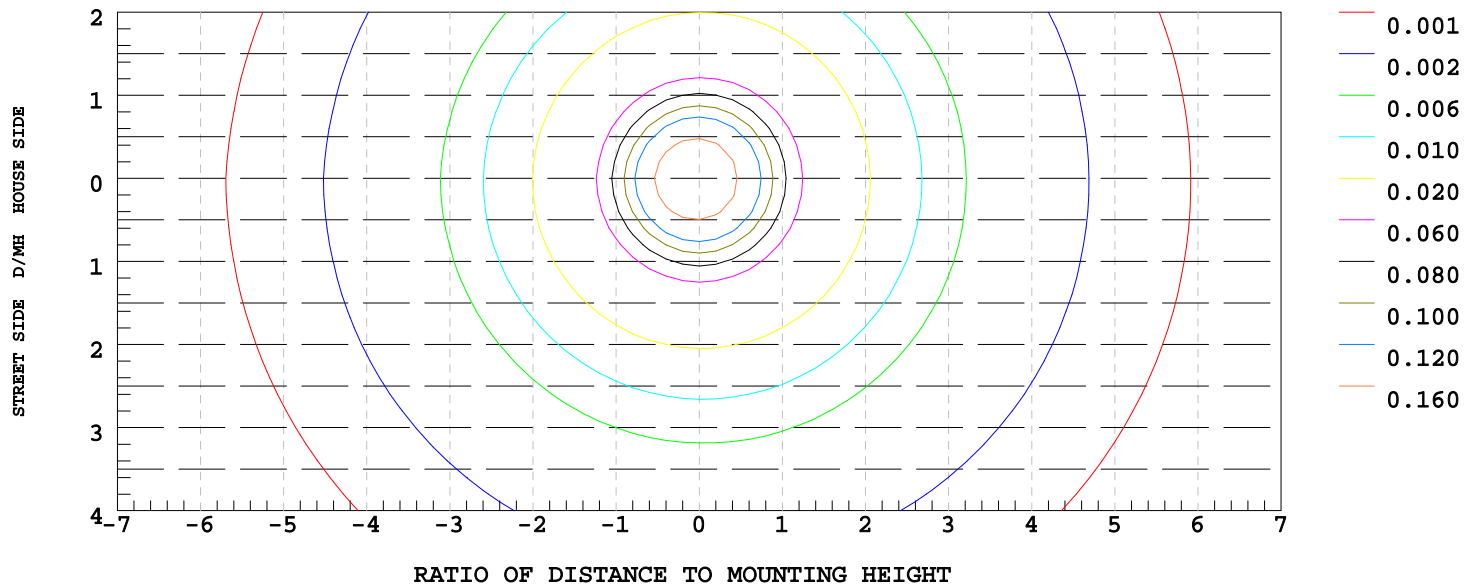
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 0.19 lx



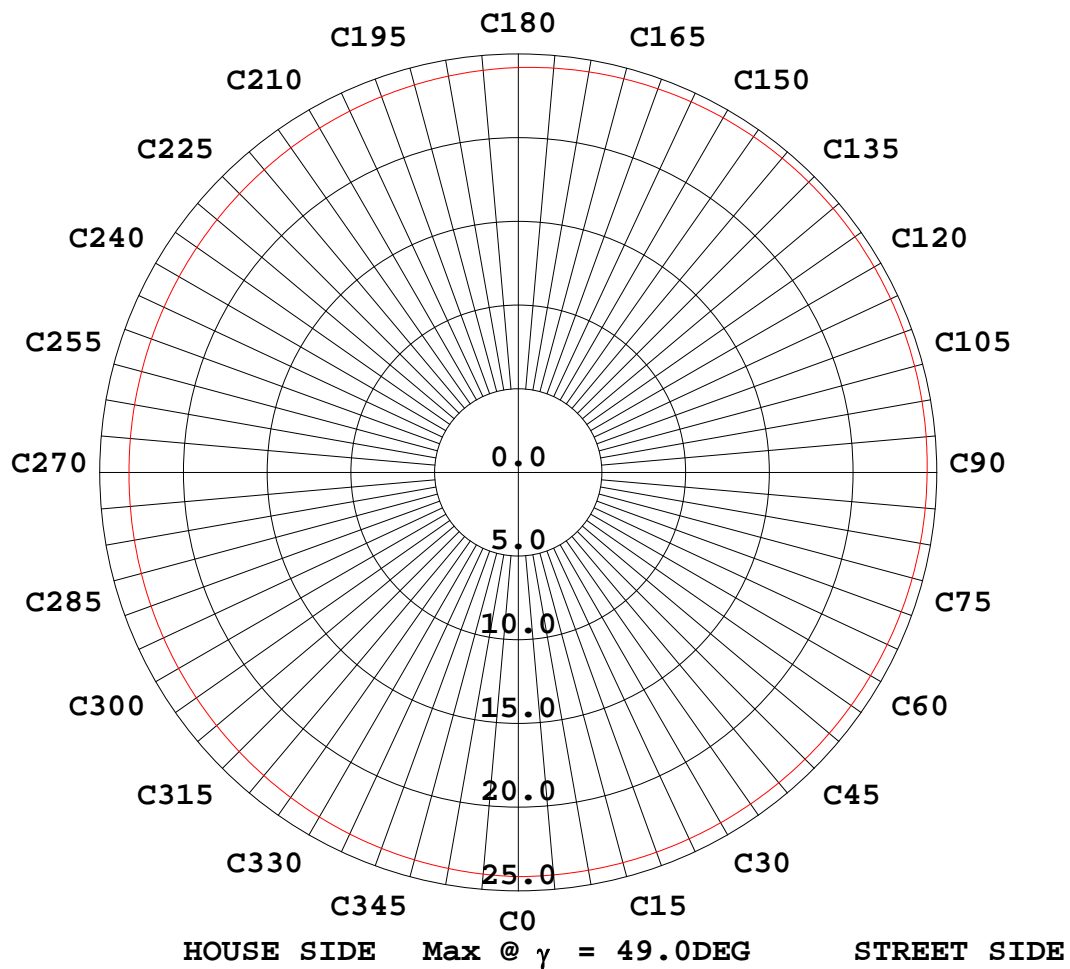
Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:07-01-2023

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:07-01-2023

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	19.4	18.8	19.4	18.8
5.0	20.1	18.9	18.7	19.1
10.0	20.8	19.5	18.8	19.6
15.0	21.7	20.4	19.5	20.3
20.0	22.5	21.3	20.5	21.0
25.0	23.2	22.1	21.4	21.8
30.0	23.7	22.9	22.2	22.4
35.0	24.1	23.5	22.9	22.8
40.0	24.3	24.0	23.5	23.1
45.0	24.2	24.3	24.0	23.3
50.0	24.0	24.4	24.2	23.2
55.0	23.6	24.2	24.2	22.9
60.0	23.0	23.9	24.0	22.5
65.0	22.2	23.4	23.7	21.9
70.0	21.3	22.7	23.1	21.2
75.0	20.2	21.8	22.4	20.2
80.0	19.3	20.8	21.6	19.3
85.0	18.6	19.7	20.6	18.3
90.0	17.9	18.9	19.6	17.6
95.0	17.1	18.3	18.8	17.1
100.0	16.3	17.5	18.2	16.4
105.0	15.3	16.7	17.5	15.6
110.0	14.2	15.7	16.8	14.8
115.0	13.1	14.7	15.8	13.9
120.0	11.8	13.5	14.9	12.8
125.0	10.6	12.3	13.8	11.8
130.0	9.29	11.0	12.6	10.6
135.0	7.89	9.68	11.4	9.42
140.0	6.54	8.33	10.1	8.19
145.0	5.21	6.97	8.81	6.95
150.0	3.93	5.54	7.47	5.65
155.0	1.70	4.53	6.10	4.44
160.0	0.26	0.12	1.74	3.25
165.0	0.14	0.07	0.16	0.25
170.0	0.09	0.04	0.09	0.14
175.0	0.07	0.03	0.05	0.10
180.0	0.05	0.04	0.05	0.05

Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-01-2023

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