

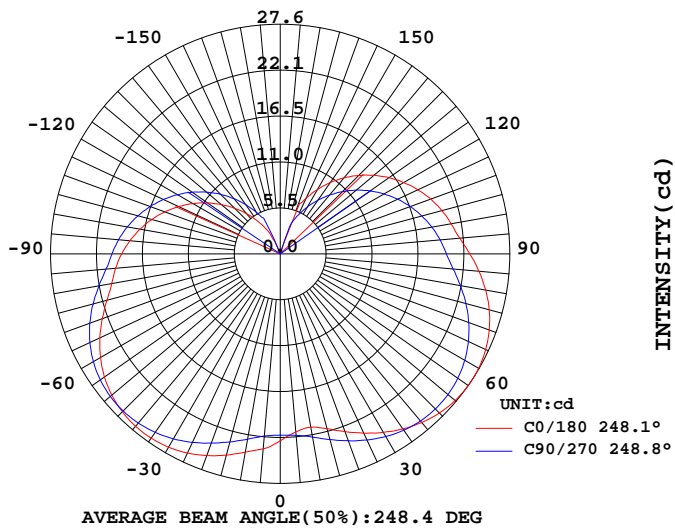
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

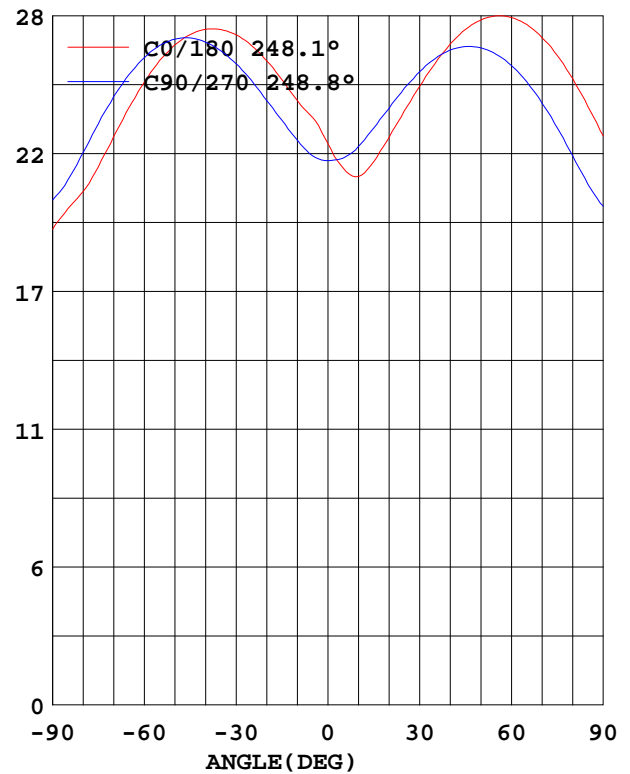
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	27.57	S/MH(C0/180)	1.79
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.81
NOMINAL POWER(W)	2	TOTAL FLUX(lm)	237.3	Voltage(V)	12.02
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	104.1	Current(A)	0.232
NOMINAL FLUX(lm)	237.3	η up(%)	34.9	Power(W)	2.280
LAMPS QUANTITY	1	η down(%)	65.1	Power Factor(PF)	0.814
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	46.6	EEI	0.275

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.:

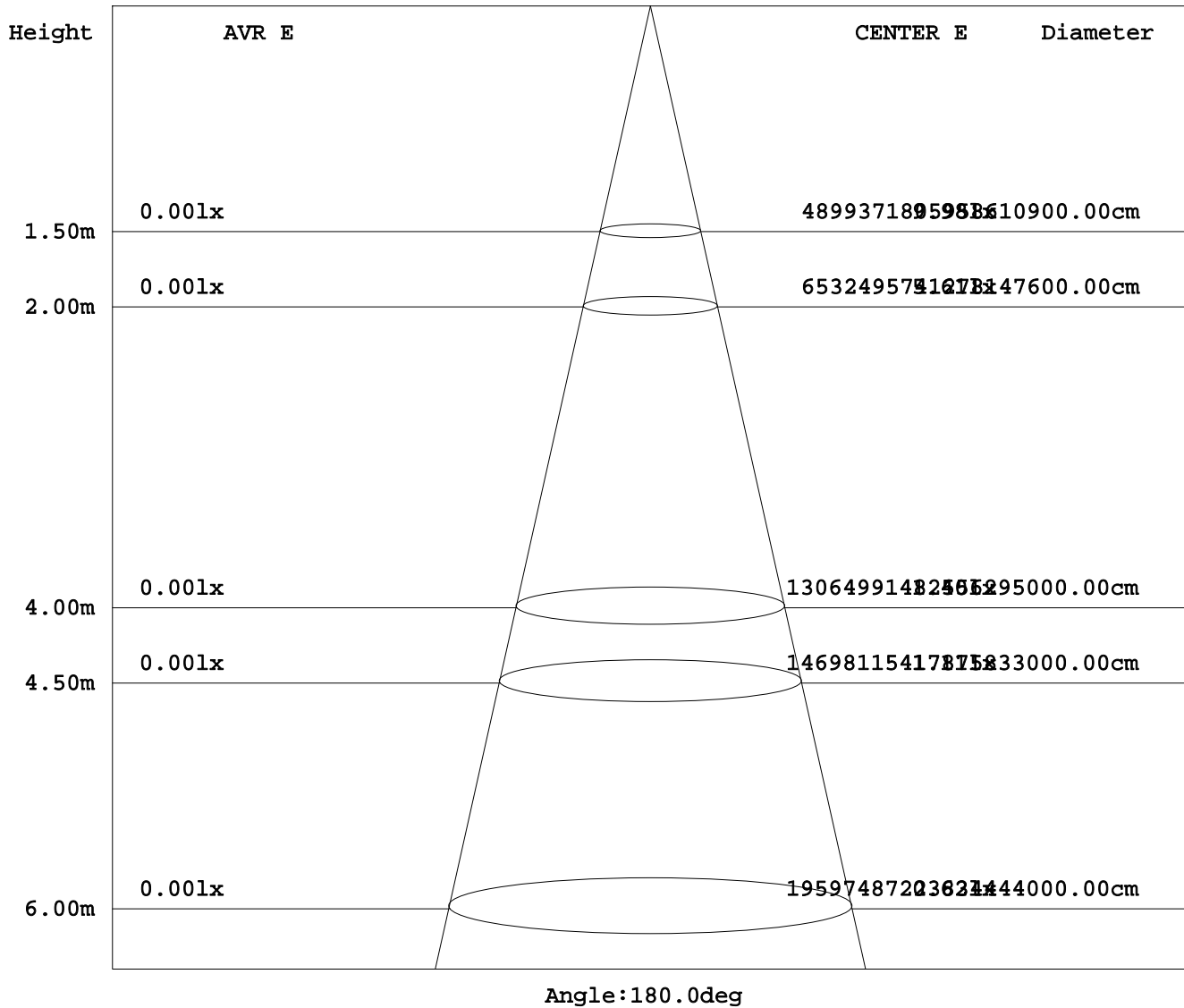
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:06-30-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)
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:06-30-2023

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	23.50	21.97	21.48	21.87					0- 5	0.530	0.530
10.0	24.19	22.60	21.14	22.35					5- 10	1.600	2.130
15.0	25.01	23.38	21.73	23.08					10- 15	2.721	4.852
20.0	25.77	24.18	22.70	23.87					15- 20	3.913	8.765
25.0	26.37	24.99	23.77	24.67					20- 25	5.152	13.91
30.0	26.81	25.65	24.75	25.33					25- 30	6.407	20.32
35.0	27.02	26.17	25.65	25.85					30- 35	7.636	27.96
40.0	27.03	26.51	26.45	26.20					35- 40	8.803	36.76
45.0	26.82	26.68	27.03	26.34					40- 45	9.869	46.63
50.0	26.41	26.63	27.40	26.29					45- 50	10.79	57.43
55.0	25.78	26.38	27.57	26.03					50- 55	11.55	68.99
60.0	24.91	25.90	27.50	25.57					55- 60	12.12	81.11
65.0	23.90	25.22	27.22	24.93					60- 65	12.47	93.59
70.0	22.75	24.34	26.69	24.07					65- 70	12.61	106.2
75.0	21.53	23.25	25.98	23.08					70- 75	12.53	118.7
80.0	20.54	22.10	25.06	21.98					75- 80	12.27	131.0
85.0	19.85	21.01	23.93	20.83					80- 85	11.90	142.9
90.0	19.03	20.20	22.76	19.94					85- 90	11.46	154.3
95.0	18.13	19.49	21.65	19.28					90- 95	10.98	165.3
100.0	17.12	18.66	20.83	18.48					95-100	10.43	175.8
105.0	15.96	17.67	20.10	17.60					100-105	9.804	185.6
110.0	14.76	16.63	19.24	16.63					105-110	9.065	194.6
115.0	13.48	15.49	18.22	15.57					110-115	8.234	202.9
120.0	12.07	14.21	17.14	14.39					115-120	7.335	210.2
125.0	10.67	12.91	15.96	13.19					120-125	6.397	216.6
130.0	9.242	11.55	14.70	11.93					125-130	5.446	222.1
135.0	7.729	10.09	13.32	10.57					130-135	4.506	226.6
140.0	6.301	8.665	11.93	9.238					135-140	3.610	230.2
145.0	4.922	7.228	10.48	7.887					140-145	2.782	232.9
150.0	3.544	5.750	8.922	6.483					145-150	2.035	235.0
155.0	1.868	4.770	7.396	5.188					150-155	1.390	236.4
160.0	0.241	0.140	2.733	3.916					155-160	0.715	237.1
165.0	0.146	0.080	0.217	0.286					160-165	0.119	237.2
170.0	0.099	0.050	0.125	0.170					165-170	0.017	237.2
175.0	0.080	0.042	0.066	0.113					170-175	0.007	237.2
180.0	0.062	0.042	0.058	0.062					175-180	0.002	237.2
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:

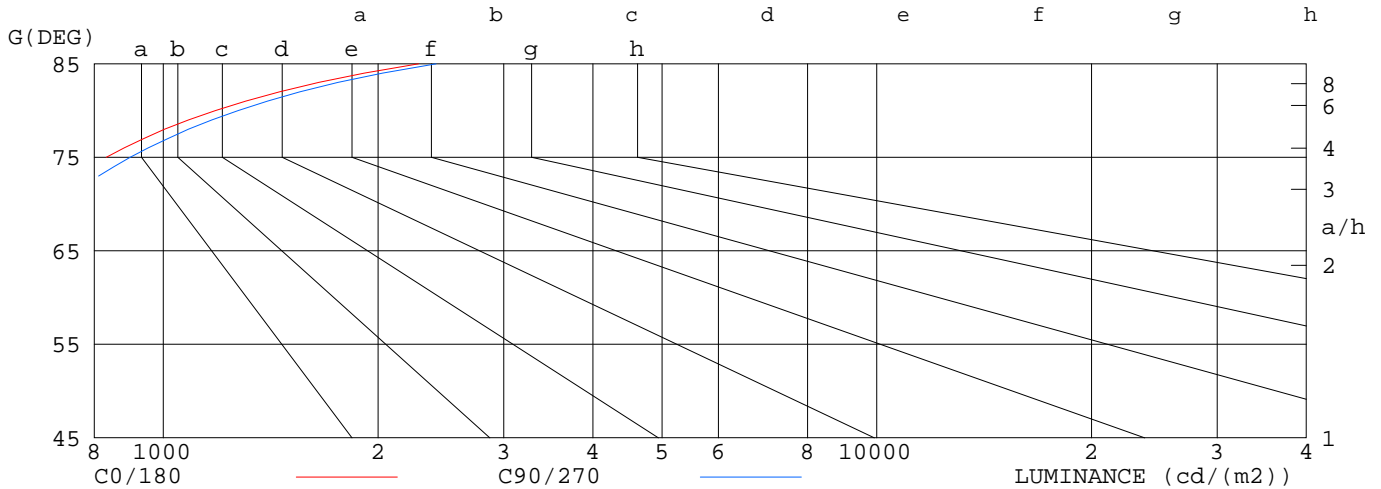
LUMINANCE LIMITATION CURVES

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	2278	2411
80	1183	1273
75	832	898
70	665	712
65	566	597
60	498	518
55	450	460
50	411	414
45	379	377

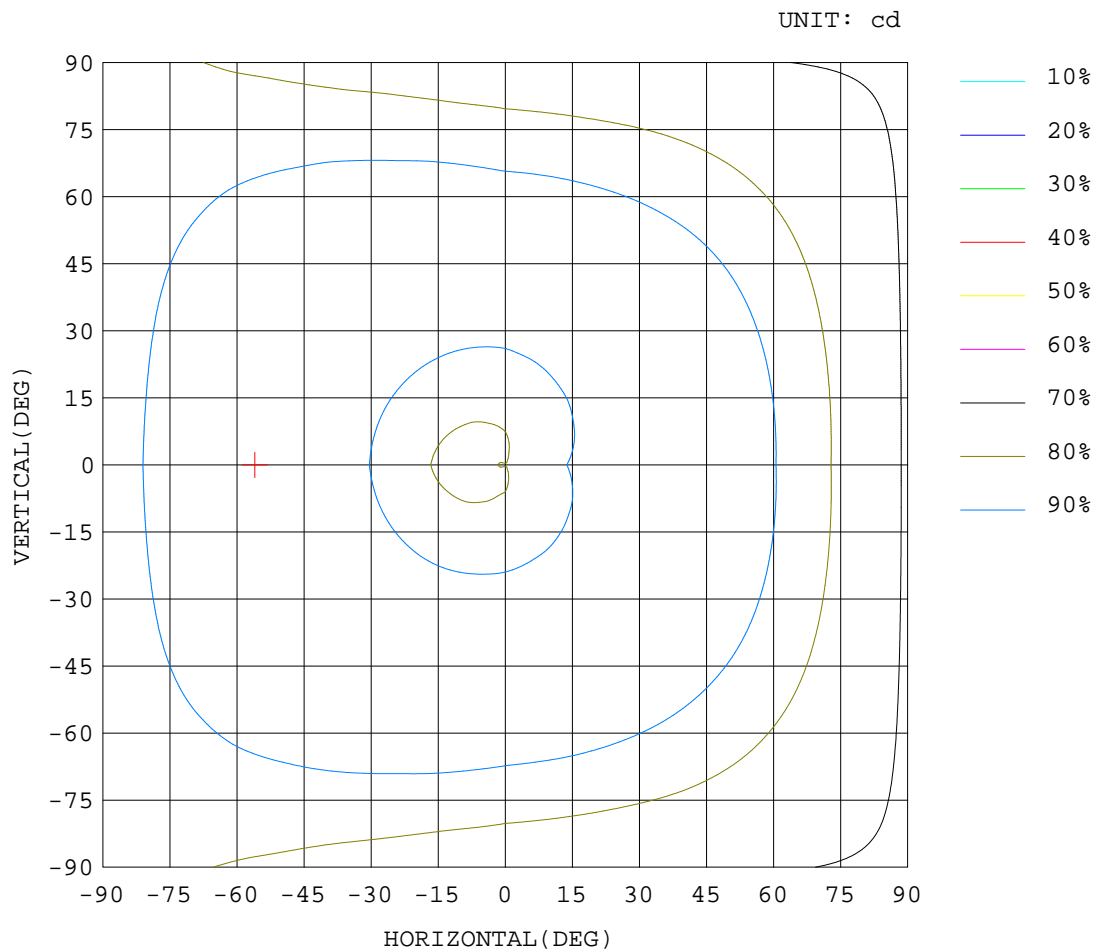
Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-30-2023

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

ISOCANDELA DIAGRAM

Report number:

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



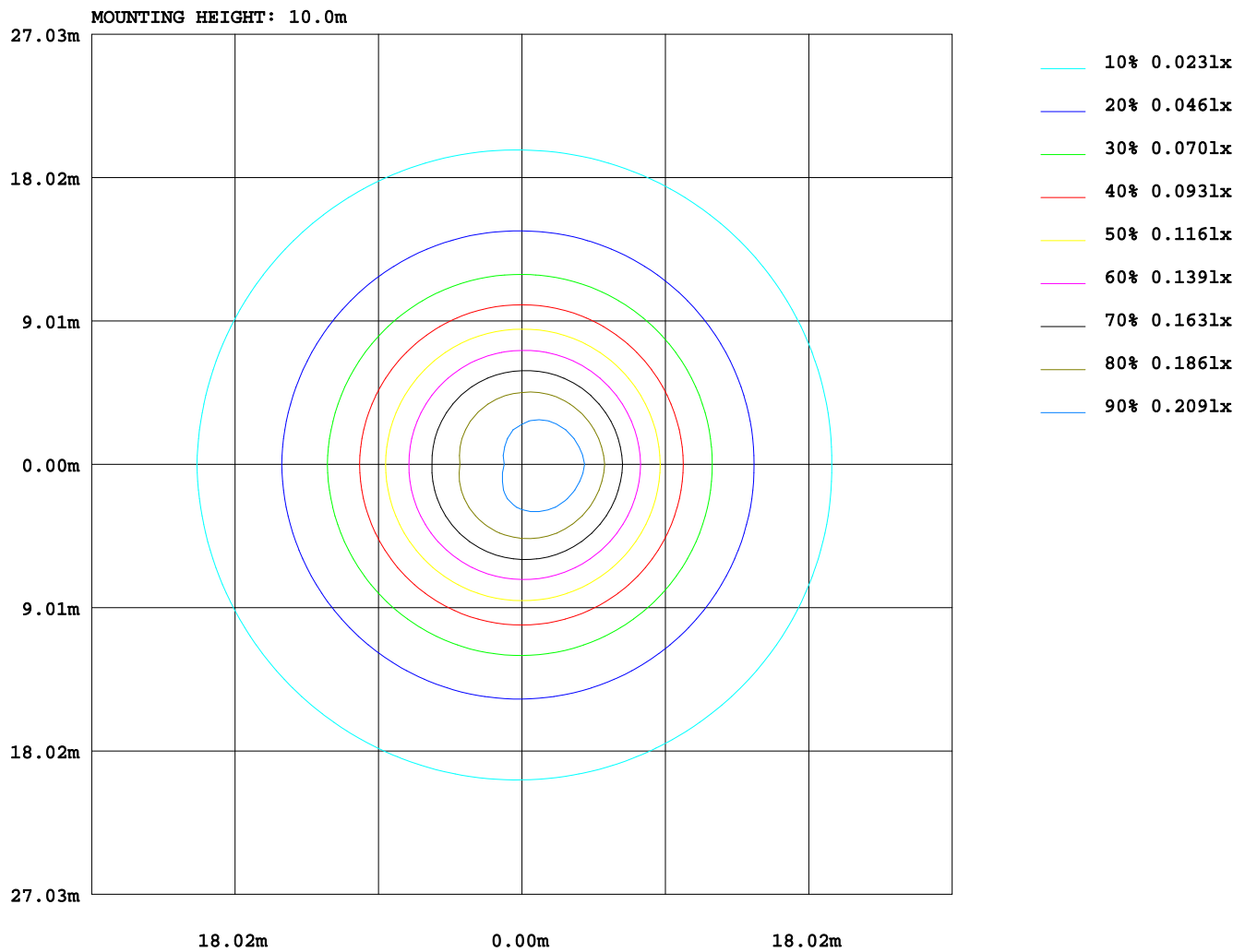
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-30-2023

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.:



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

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
	0.06	0.18	0.29	0.39	0.48	0.55	0.60	0.63	0.64	0.63	0.61	0.57	0.51	0.43	0.35	0.25	0.15	0.05	7.34	5.19		
90	0.06	0.18	0.30	0.41	0.51	0.59	0.65	0.69	0.70	0.70	0.67	0.62	0.55	0.46	0.36	0.26	0.16	0.05	7.91	5.66		
80	0.06	0.19	0.31	0.43	0.54	0.63	0.70	0.74	0.76	0.75	0.72	0.67	0.59	0.49	0.38	0.27	0.16	0.05	8.43	6.08		
70	0.06	0.19	0.32	0.45	0.56	0.65	0.72	0.77	0.79	0.79	0.76	0.70	0.62	0.52	0.40	0.28	0.16	0.05	8.81	6.37		
60	0.06	0.20	0.33	0.46	0.58	0.67	0.74	0.78	0.80	0.80	0.78	0.72	0.65	0.54	0.42	0.29	0.16	0.05	9.01	6.51		
50	0.06	0.20	0.34	0.47	0.58	0.67	0.73	0.77	0.78	0.79	0.77	0.73	0.66	0.56	0.43	0.30	0.17	0.05	9.05	6.49		
40	0.06	0.20	0.34	0.47	0.58	0.66	0.71	0.73	0.75	0.76	0.76	0.73	0.67	0.57	0.44	0.30	0.17	0.05	8.95	6.35		
30	0.06	0.20	0.35	0.48	0.58	0.65	0.68	0.69	0.70	0.72	0.74	0.72	0.67	0.57	0.45	0.31	0.17	0.05	8.78	6.16		
-30	0.06	0.20	0.35	0.48	0.58	0.64	0.66	0.65	0.66	0.70	0.73	0.72	0.67	0.58	0.45	0.31	0.17	0.05	8.66	6.03		
	0.06	0.20	0.35	0.48	0.58	0.64	0.66	0.65	0.66	0.70	0.73	0.72	0.67	0.58	0.45	0.31	0.17	0.05	8.67	6.04		
	0.06	0.20	0.35	0.48	0.58	0.65	0.69	0.70	0.70	0.72	0.74	0.73	0.67	0.57	0.45	0.31	0.17	0.05	8.82	6.19		
	0.06	0.20	0.34	0.48	0.58	0.66	0.71	0.74	0.75	0.76	0.76	0.73	0.67	0.57	0.44	0.30	0.17	0.05	9.00	6.40		
	0.06	0.20	0.34	0.47	0.58	0.67	0.73	0.77	0.79	0.80	0.78	0.74	0.66	0.56	0.43	0.30	0.17	0.05	9.11	6.54		
-40	0.06	0.20	0.33	0.46	0.58	0.67	0.74	0.79	0.81	0.81	0.78	0.73	0.65	0.54	0.42	0.29	0.16	0.05	9.08	6.57		
-50	0.06	0.19	0.32	0.45	0.56	0.66	0.73	0.78	0.80	0.80	0.77	0.71	0.63	0.52	0.40	0.28	0.16	0.05	8.87	6.43		
-60	0.06	0.19	0.31	0.43	0.54	0.63	0.70	0.75	0.77	0.76	0.73	0.67	0.59	0.49	0.38	0.27	0.16	0.05	8.49	6.13		
-70	0.06	0.18	0.30	0.41	0.51	0.59	0.65	0.69	0.71	0.70	0.67	0.62	0.55	0.46	0.36	0.26	0.16	0.05	7.95	5.69		
-80	0.06	0.18	0.29	0.39	0.48	0.55	0.60	0.63	0.64	0.64	0.61	0.57	0.51	0.43	0.35	0.25	0.15	0.05	7.38	5.22		
-90																						
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90		
Φ t	1.12	3.48	5.87	8.09	9.98	11.4	12.4	12.9	13.2	13.3	13.0	12.4	11.1	9.44	7.37	5.13	2.94	0.94	237			
Φ a	0.00	0.00	0.00	0.00	5.20	11.4	12.4	12.9	13.2	13.3	13.0	12.4	11.1	4.96	0.00	0.00	0.00	0.00		47		

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

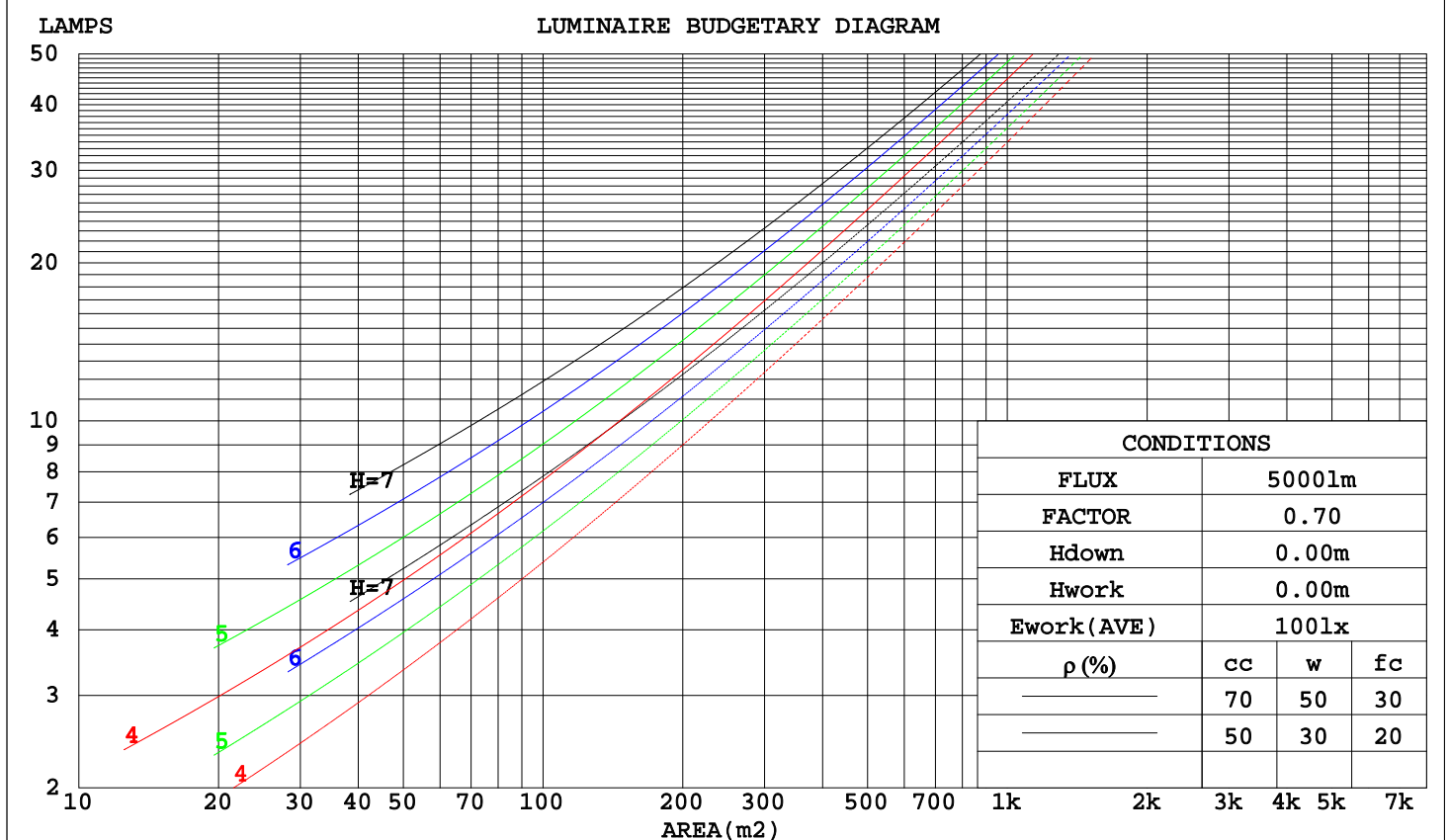
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

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: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

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	.310	.180	.058															
2.0	.353	.194	.059	.337	.186	.057	.306	.170	.053	.278	.156	.049	.252	.142	.045															
3.0	.308	.164	.049	.294	.157	.047	.266	.144	.044	.240	.131	.040	.216	.120	.037															
4.0	.275	.143	.042	.261	.137	.040	.236	.125	.037	.212	.114	.034	.190	.103	.031															
5.0	.248	.126	.037	.235	.121	.035	.212	.110	.032	.190	.100	.030	.170	.091	.027															
6.0	.226	.113	.032	.214	.108	.031	.193	.099	.029	.173	.090	.026	.154	.081	.024															
7.0	.207	.102	.029	.197	.098	.028	.177	.089	.026	.158	.081	.024	.141	.073	.022															
8.0	.191	.094	.026	.182	.089	.025	.163	.082	.023	.146	.074	.021	.130	.067	.019															
9.0	.178	.086	.024	.169	.082	.023	.152	.075	.021	.136	.068	.019	.121	.061	.018															
10.0	.166	.080	.022	.158	.076	.021	.142	.069	.020	.127	.063	.018	.113	.057	.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	.457	.457	.457	.390	.390	.390	.266	.266	.266	.153	.153	.153	.049	.049	.049	
1.0	.456	.424	.394	.390	.364	.339	.267	.250	.234	.154	.145	.136	.049	.047	.044	
2.0	.451	.402	.361	.386	.346	.312	.264	.239	.218	.153	.139	.128	.049	.045	.042	
3.0	.444	.386	.340	.380	.333	.295	.261	.231	.207	.151	.135	.122	.048	.044	.040	
4.0	.436	.374	.327	.374	.323	.284	.257	.225	.200	.149	.132	.118	.048	.043	.039	
5.0	.428	.365	.318	.368	.316	.277	.253	.221	.196	.147	.130	.116	.047	.042	.038	
6.0	.421	.358	.312	.362	.310	.272	.250	.217	.192	.145	.127	.114	.047	.042	.038	
7.0	.414	.351	.307	.356	.304	.268	.246	.213	.190	.143	.126	.113	.046	.041	.037	
8.0	.407	.346	.304	.350	.300	.265	.242	.211	.188	.141	.124	.112	.046	.041	.037	
9.0	.401	.341	.301	.345	.296	.263	.239	.208	.186	.139	.123	.111	.045	.040	.037	
10.0	.395	.337	.299	.340	.293	.261	.236	.206	.185	.138	.122	.111	.045	.040	.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	8.0	9.3	8.7	10.0	10.9	8.1	9.4	8.9	10.1	11.0
	3H	10.8	12.0	11.5	12.7	13.6	11.1	12.2	11.8	13.0	13.9
	4H	12.4	13.4	13.1	14.2	15.2	12.7	13.8	13.4	14.5	15.5
	6H	14.1	15.1	14.8	15.9	16.9	14.5	15.5	15.2	16.3	17.2
	8H	15.0	16.0	15.8	16.8	17.8	15.4	16.4	16.2	17.2	18.2
	12H	16.2	17.1	17.0	17.9	18.9	16.6	17.5	17.4	18.3	19.3
4H	2H	8.9	10.0	9.7	10.8	11.7	9.0	10.1	9.8	10.9	11.8
	3H	11.9	12.8	12.7	13.7	14.7	12.1	13.0	12.9	13.9	14.9
	4H	13.6	14.5	14.4	15.3	16.3	13.9	14.7	14.7	15.6	16.6
	6H	15.5	16.2	16.3	17.1	18.1	15.8	16.6	16.6	17.4	18.5
	8H	16.5	17.3	17.4	18.1	19.2	16.9	17.6	17.7	18.5	19.5
	12H	17.8	18.5	18.6	19.3	20.4	18.1	18.8	19.0	19.7	20.8
8H	4H	14.3	15.0	15.1	15.8	16.9	14.5	15.2	15.3	16.1	17.1
	6H	16.4	17.0	17.3	17.9	19.0	16.7	17.3	17.6	18.2	19.3
	8H	17.7	18.2	18.6	19.1	20.2	18.0	18.5	18.8	19.4	20.5
	12H	19.1	19.6	20.0	20.5	21.7	19.4	19.9	20.3	20.8	22.0
12H	4H	14.4	15.1	15.3	16.0	17.1	14.6	15.3	15.5	16.2	17.2
	6H	16.7	17.3	17.6	18.2	19.3	17.0	17.5	17.8	18.4	19.5
	8H	18.1	18.6	19.0	19.5	20.6	18.3	18.8	19.2	19.7	20.9
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 237.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -5.0)

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) x RCR = 5									
k = 0.60	40	27	19	38	26	19	35	25	18	11
0.80	48	34	26	46	33	25	42	31	24	15
1.00	56	41	32	53	40	31	48	39	30	19
1.25	63	49	39	59	47	38	53	43	35	23
1.50	68	54	44	64	52	43	57	47	40	27
2.00	76	63	53	71	60	51	63	54	47	32
2.50	81	69	60	76	65	57	67	59	52	35
3.00	85	74	65	80	70	62	70	63	56	38
4.00	90	80	73	84	76	69	75	68	62	43
5.00	93	85	78	88	80	74	77	71	66	46
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

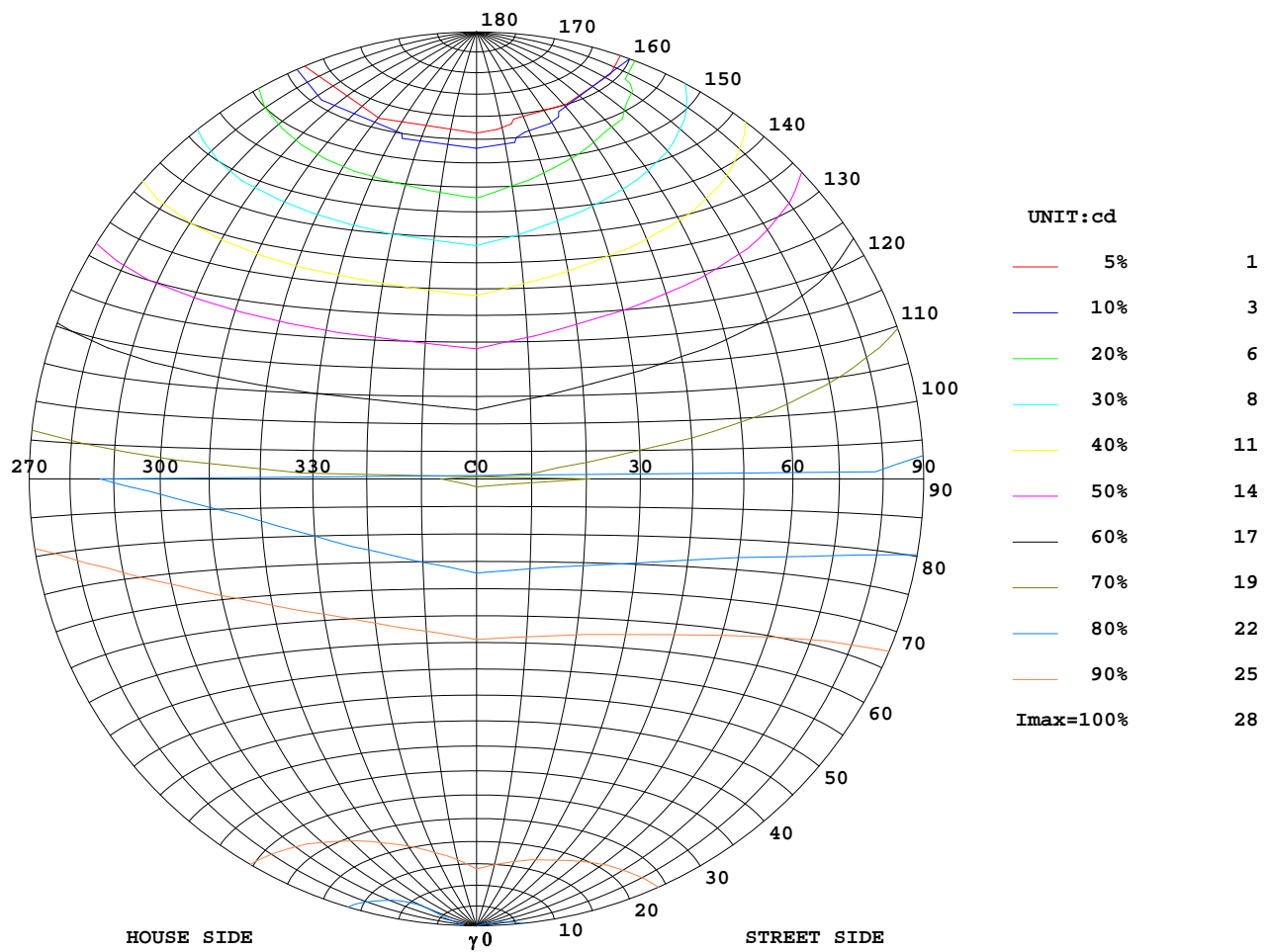
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-30-2023

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

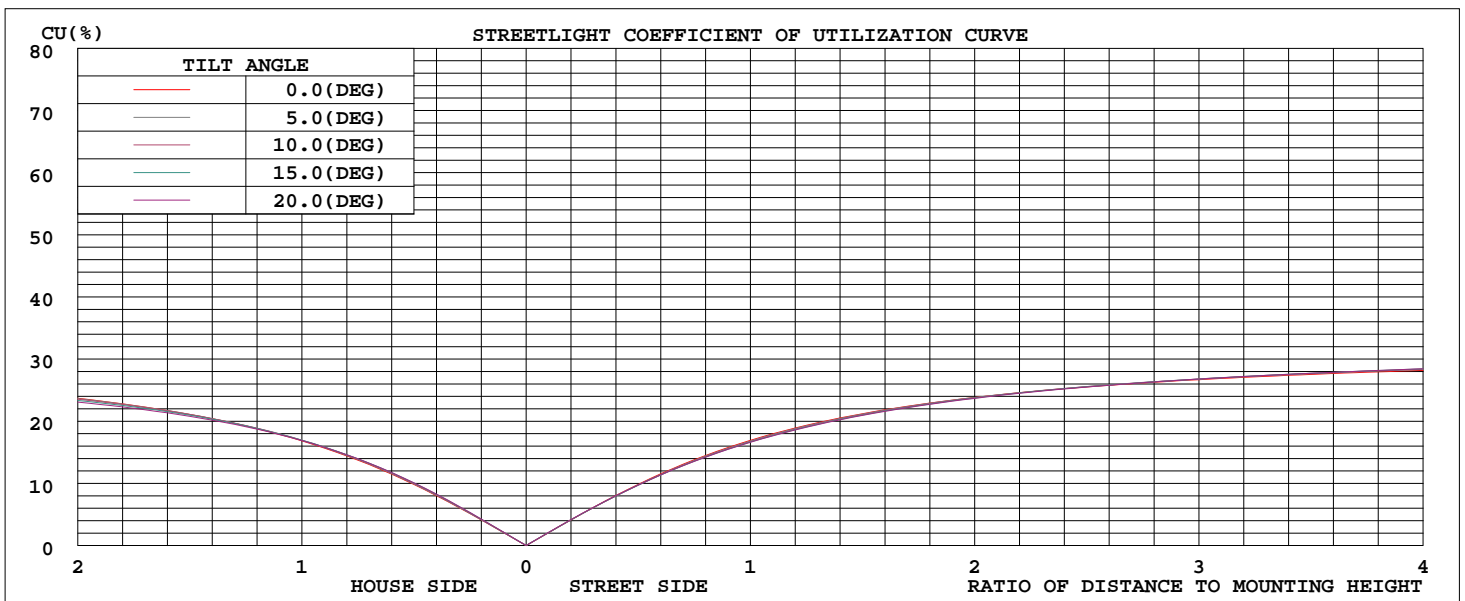
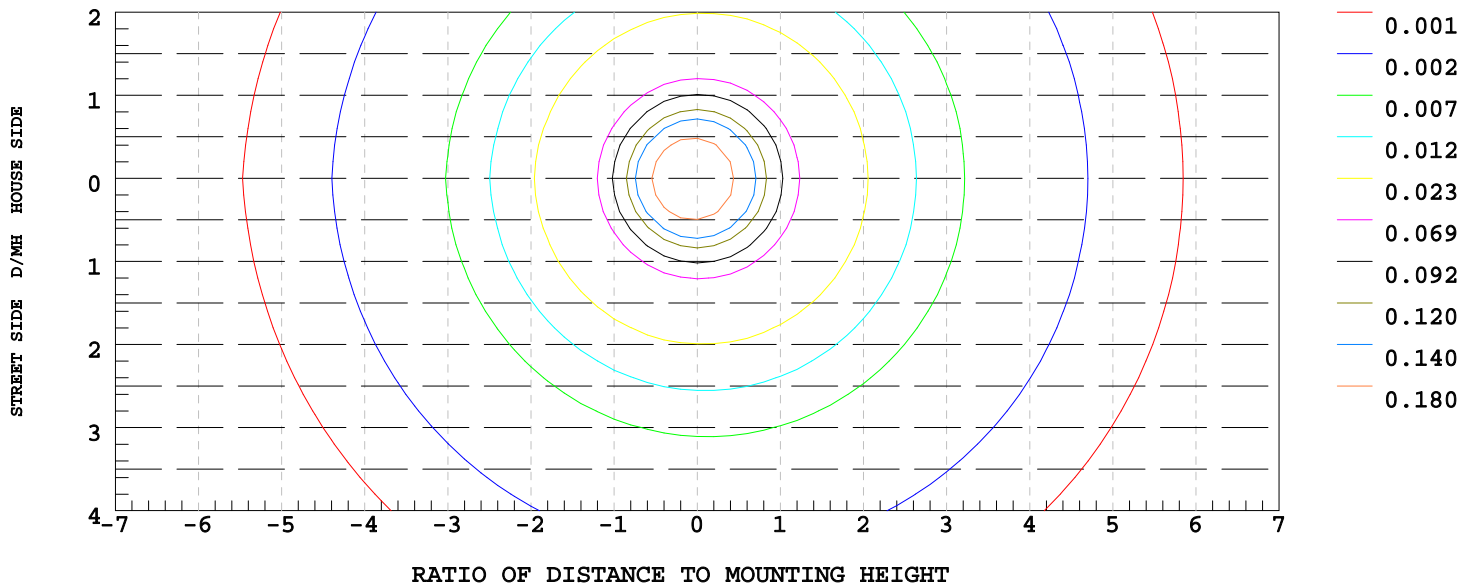
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

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



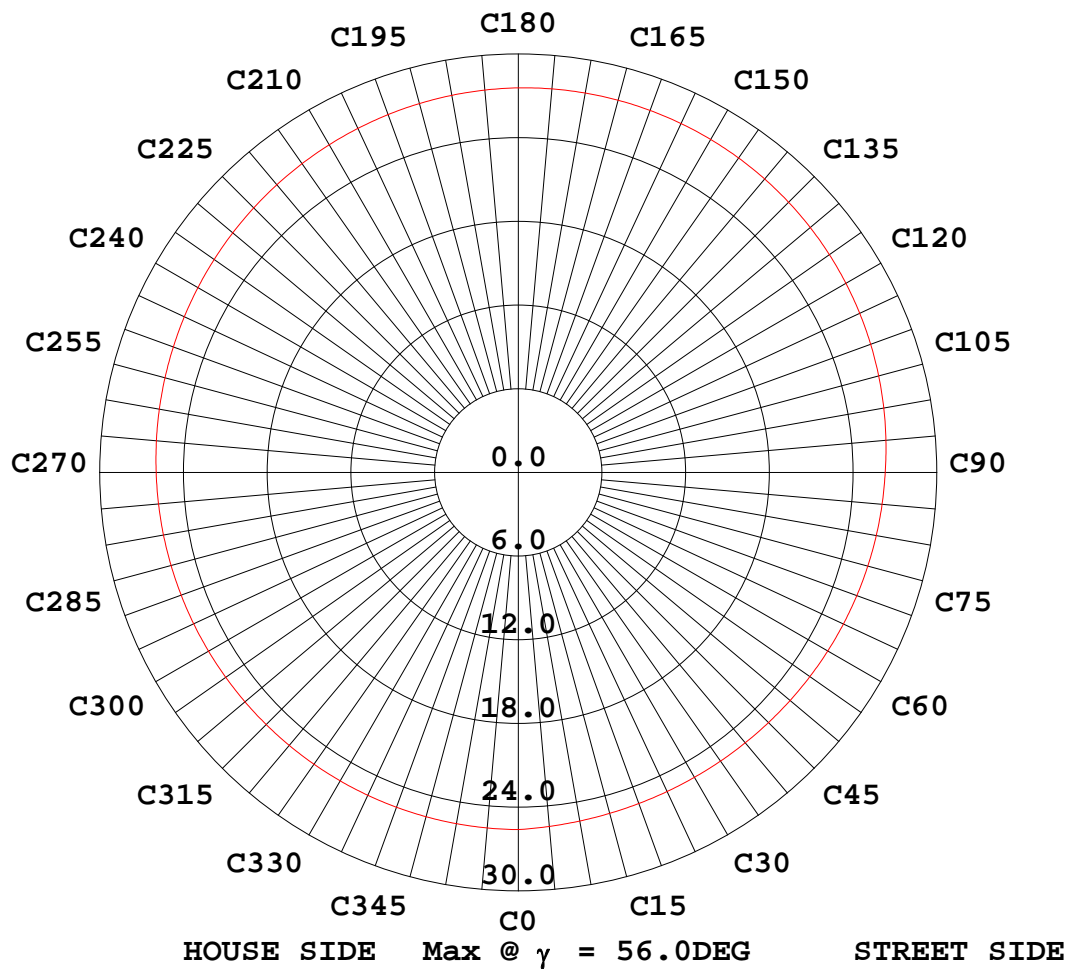
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:06-30-2023

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	22.4	21.7	22.4	21.7
5.0	23.5	21.9	21.4	21.8
10.0	24.1	22.6	21.1	22.3
15.0	25.0	23.3	21.7	23.0
20.0	25.7	24.1	22.7	23.8
25.0	26.3	24.9	23.7	24.6
30.0	26.8	25.6	24.7	25.3
35.0	27.0	26.1	25.6	25.8
40.0	27.0	26.5	26.4	26.2
45.0	26.8	26.6	27.0	26.3
50.0	26.4	26.6	27.4	26.2
55.0	25.7	26.3	27.5	26.0
60.0	24.9	25.9	27.5	25.5
65.0	23.9	25.2	27.2	24.9
70.0	22.7	24.3	26.6	24.0
75.0	21.5	23.2	25.9	23.0
80.0	20.5	22.1	25.0	21.9
85.0	19.8	21.0	23.9	20.8
90.0	19.0	20.2	22.7	19.9
95.0	18.1	19.4	21.6	19.2
100.0	17.1	18.6	20.8	18.4
105.0	15.9	17.6	20.1	17.6
110.0	14.7	16.6	19.2	16.6
115.0	13.4	15.4	18.2	15.5
120.0	12.0	14.2	17.1	14.3
125.0	10.6	12.9	15.9	13.1
130.0	9.24	11.5	14.7	11.9
135.0	7.72	10.0	13.3	10.5
140.0	6.30	8.66	11.9	9.23
145.0	4.92	7.22	10.4	7.88
150.0	3.54	5.75	8.92	6.48
155.0	1.86	4.77	7.39	5.18
160.0	0.24	0.14	2.73	3.91
165.0	0.15	0.08	0.22	0.29
170.0	0.10	0.05	0.13	0.17
175.0	0.08	0.04	0.07	0.11
180.0	0.06	0.04	0.06	0.06

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: