

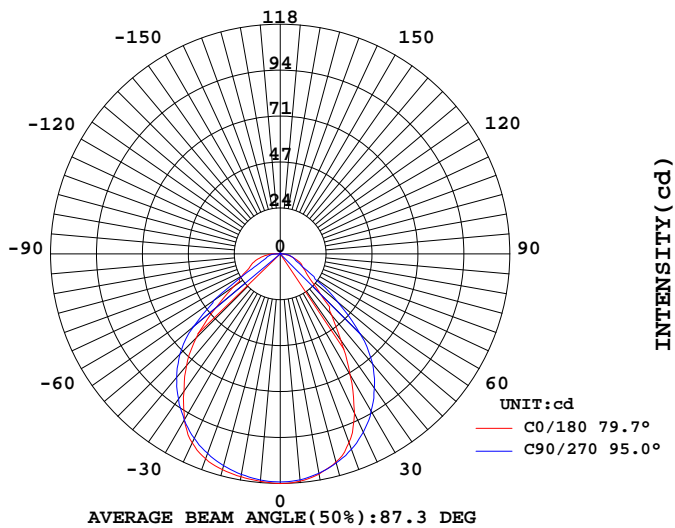
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

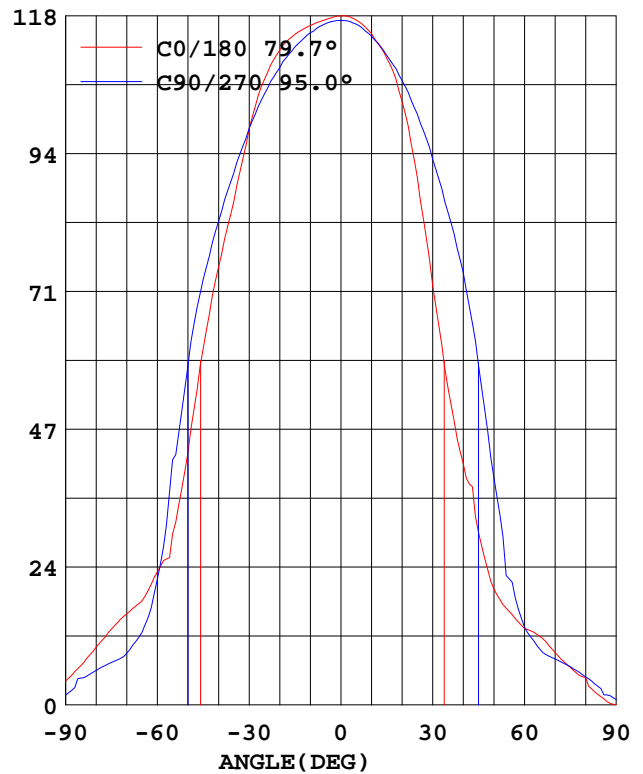
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	117.7	S/MH(C0/180)	1.23
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.25
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	233.5	Voltage(V)	12.03
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	78.1	Current(A)	0.305
NOMINAL FLUX(lm)	233.5	η up(%)	1.2	Power(W)	2.990
LAMPS QUANTITY	1	η down(%)	98.8	Power Factor(PF)	0.812
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	161.1	EEI	0.157

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-13-2023

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.:

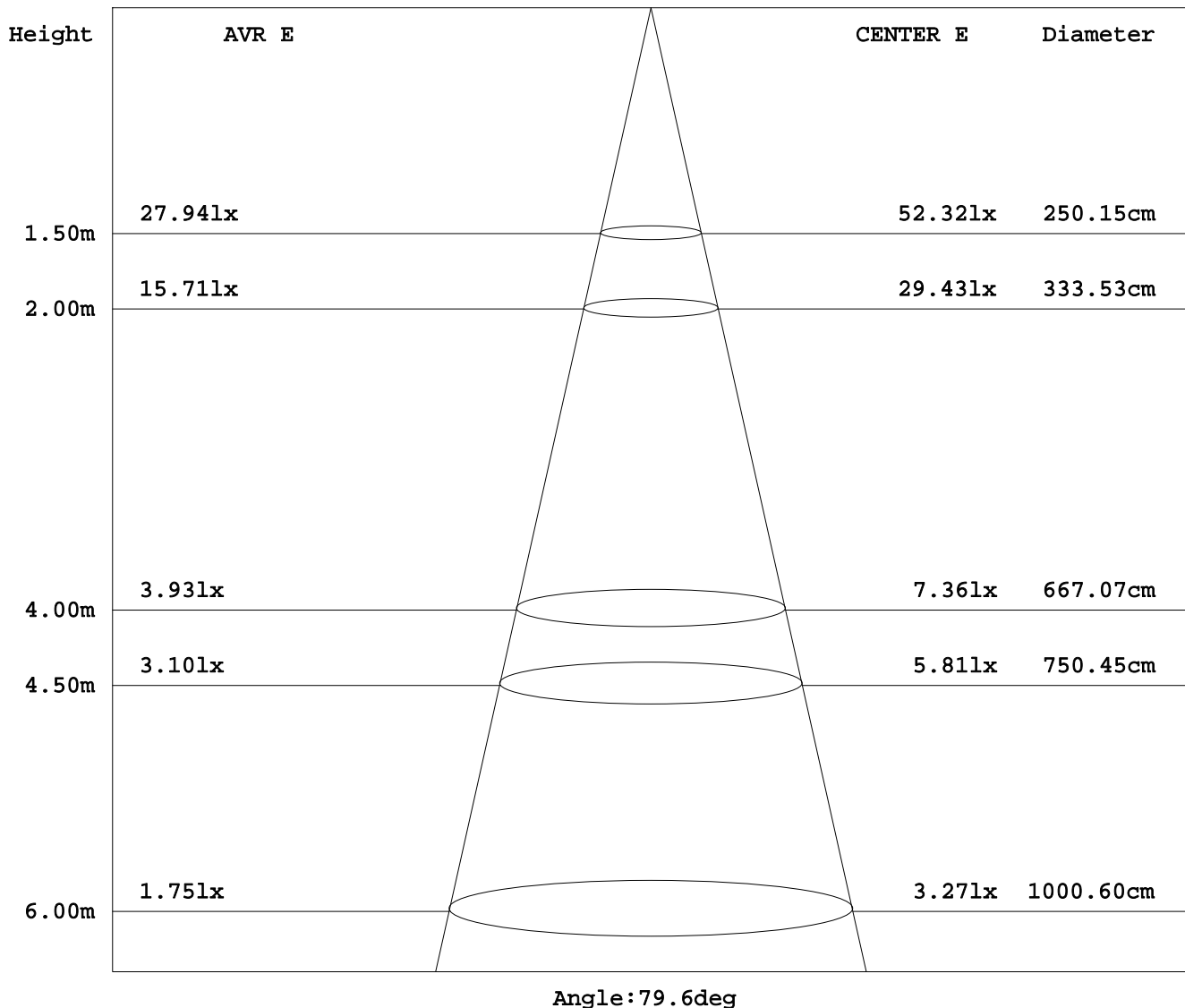
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-13-2023

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: 07-13-2023

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	117.0	116.3	117.0	116.3					0- 5	2.797	2.797
10.0	116.0	114.8	114.6	114.2					5- 10	8.284	11.08
15.0	114.5	112.4	110.4	110.9					10- 15	13.46	24.54
20.0	111.8	108.8	103.0	106.6					15- 20	18.12	42.67
25.0	106.8	104.3	90.12	100.9					20- 25	21.85	64.53
30.0	98.34	98.42	71.60	93.18					25- 30	24.18	88.72
35.0	86.05	90.91	54.24	84.19					30- 35	24.91	113.6
40.0	74.76	82.59	41.18	73.83					35- 40	24.47	138.1
45.0	60.96	72.80	29.37	57.86					40- 45	22.98	161.0
50.0	43.13	57.98	19.83	38.86					45- 50	19.25	180.3
55.0	29.20	41.86	15.94	21.51					50- 55	14.31	194.6
60.0	22.72	21.46	13.06	13.29					55- 60	10.01	204.6
65.0	17.76	12.38	11.72	9.536					60- 65	7.314	211.9
70.0	15.58	8.858	8.950	7.848					65- 70	5.843	217.8
75.0	12.94	7.249	6.418	6.533					70- 75	4.834	222.6
80.0	9.890	5.881	4.699	4.793					75- 80	3.881	226.5
85.0	6.700	4.586	1.402	2.772					80- 85	2.687	229.2
90.0	4.085	1.681	0.066	0.877					85- 90	1.445	230.6
95.0	1.525	0.059	0.086	0.385					90- 95	0.519	231.2
100.0	1.083	0.062	0.111	0.349					95-100	0.241	231.4
105.0	0.790	0.080	0.142	0.319					100-105	0.197	231.6
110.0	0.483	0.109	0.180	0.299					105-110	0.157	231.8
115.0	0.235	0.158	0.228	0.324					110-115	0.125	231.9
120.0	0.228	0.230	0.291	0.393					115-120	0.126	232.0
125.0	0.237	0.332	0.378	0.420					120-125	0.145	232.2
130.0	0.272	0.443	0.470	0.473					125-130	0.163	232.3
135.0	0.339	0.532	0.545	0.548					130-135	0.184	232.5
140.0	0.417	0.573	0.597	0.588					135-140	0.193	232.7
145.0	0.492	0.581	0.608	0.612					140-145	0.187	232.9
150.0	0.536	0.552	0.587	0.605					145-150	0.169	233.0
155.0	0.531	0.510	0.537	0.559					150-155	0.140	233.2
160.0	0.487	0.442	0.475	0.508					155-160	0.107	233.3
165.0	0.426	0.383	0.414	0.443					160-165	0.074	233.4
170.0	0.364	0.317	0.361	0.378					165-170	0.046	233.4
175.0	0.327	0.298	0.343	0.336					170-175	0.024	233.4
180.0	0.330	0.302	0.330	0.302					175-180	0.008	233.4
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-13-2023

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

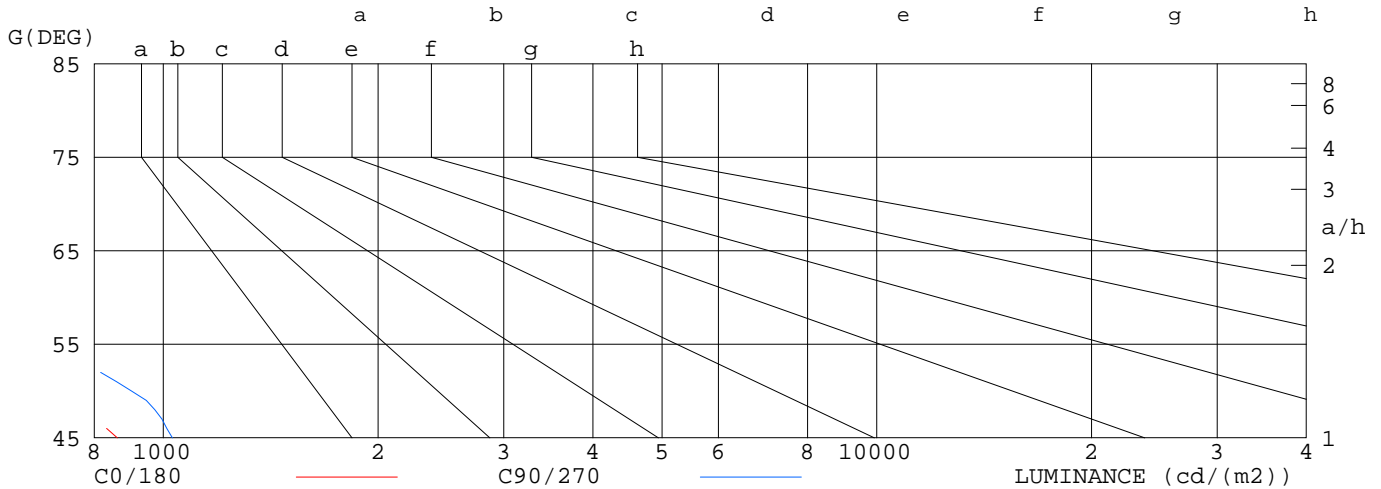
LUMINANCE LIMITATION CURVES

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	769	526
80	570	339
75	500	280
70	456	259
65	420	293
60	455	429
55	509	730
50	671	902
45	862	1030

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-13-2023

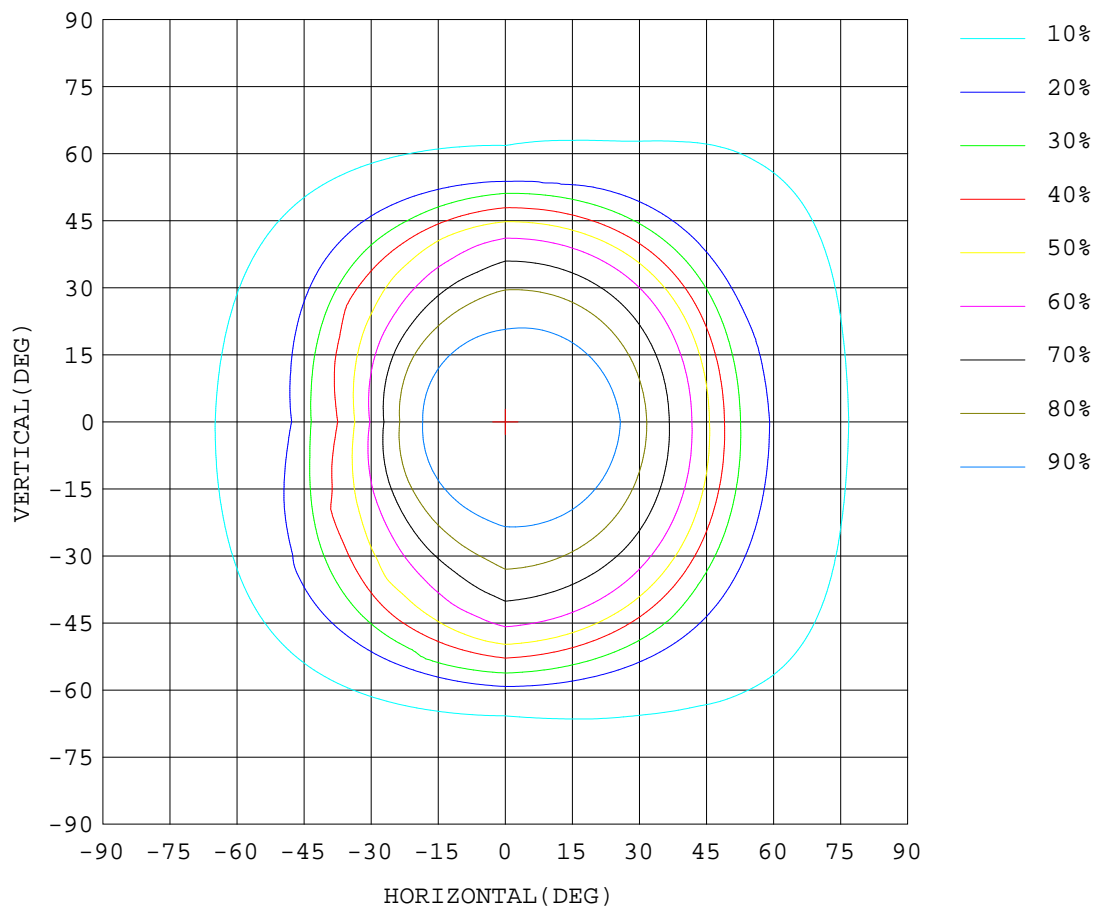
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



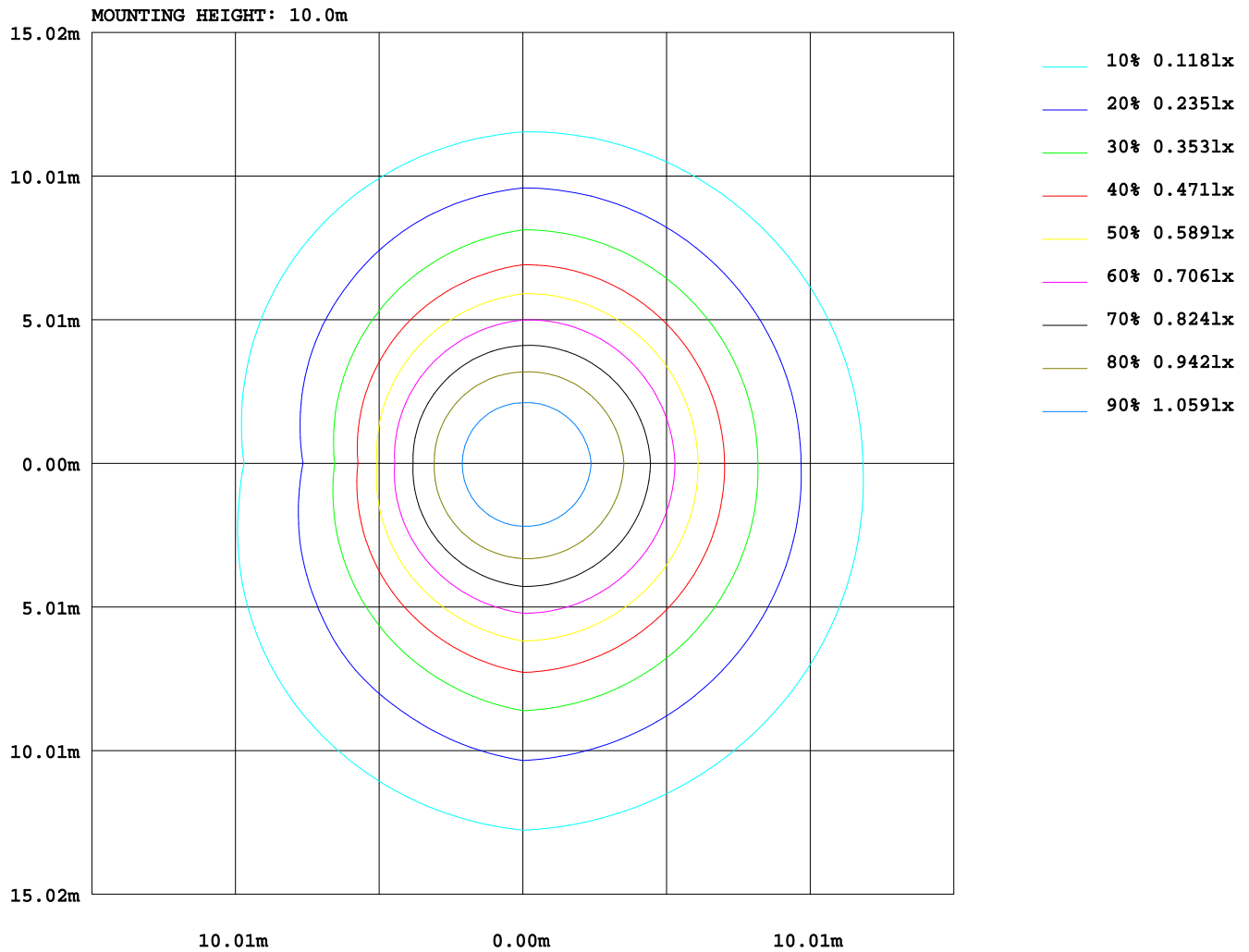
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-13-2023

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:07-13-2023

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	0.00	0.01	0.02	0.03	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.10	0.09	0.07	0.05	0.03	0.01	0.96	0.70				
90	0.00	0.01	0.03	0.06	0.10	0.13	0.16	0.18	0.19	0.21	0.22	0.21	0.19	0.16	0.12	0.08	0.04	0.01	2.13	1.64				
80	0.00	0.02	0.06	0.11	0.16	0.21	0.25	0.29	0.30	0.31	0.32	0.31	0.28	0.23	0.18	0.11	0.05	0.01	3.20	2.48				
70	0.00	0.03	0.08	0.14	0.22	0.31	0.42	0.56	0.69	0.72	0.64	0.51	0.40	0.30	0.22	0.14	0.07	0.02	5.45	4.52				
60	0.00	0.04	0.10	0.18	0.30	0.51	0.88	1.31	1.64	1.71	1.50	1.11	0.68	0.41	0.26	0.17	0.08	0.02	10.9	9.75				
50	0.00	0.04	0.12	0.22	0.41	0.85	1.48	2.04	2.43	2.52	2.31	1.86	1.22	0.62	0.33	0.19	0.09	0.02	16.7	15.3				
40	0.01	0.05	0.13	0.25	0.55	1.18	1.90	2.57	2.97	3.04	2.83	2.35	1.70	0.91	0.40	0.20	0.09	0.02	21.1	19.4				
30	0.01	0.05	0.14	0.28	0.65	1.35	2.25	3.00	3.32	3.35	3.16	2.70	1.98	1.15	0.47	0.22	0.10	0.02	24.2	22.2				
	0.01	0.05	0.15	0.29	0.68	1.40	2.44	3.20	3.49	3.51	3.32	2.89	2.12	1.28	0.52	0.24	0.10	0.02	25.7	23.5				
	0.01	0.05	0.15	0.30	0.69	1.42	2.46	3.21	3.50	3.51	3.33	2.90	2.14	1.30	0.53	0.24	0.10	0.02	25.8	23.6				
	0.01	0.05	0.15	0.31	0.71	1.40	2.29	3.04	3.36	3.39	3.20	2.74	2.03	1.21	0.50	0.23	0.10	0.02	24.7	22.6				
	0.01	0.05	0.14	0.29	0.65	1.27	1.99	2.66	3.07	3.14	2.92	2.44	1.80	1.01	0.43	0.21	0.09	0.02	22.2	20.3				
-30	0.00	0.04	0.12	0.25	0.53	1.04	1.66	2.21	2.62	2.71	2.48	2.04	1.41	0.74	0.35	0.19	0.09	0.02	18.5	16.9				
-40	0.00	0.04	0.10	0.20	0.37	0.72	1.19	1.68	2.06	2.13	1.87	1.42	0.89	0.49	0.28	0.17	0.08	0.02	13.7	12.4				
-50	0.00	0.03	0.08	0.15	0.25	0.39	0.62	0.90	1.12	1.15	0.97	0.71	0.48	0.32	0.23	0.14	0.07	0.02	7.62	6.64				
-60	0.00	0.02	0.06	0.11	0.17	0.23	0.29	0.35	0.40	0.41	0.39	0.35	0.30	0.24	0.18	0.12	0.06	0.01	3.68	2.93				
-70	0.00	0.01	0.04	0.07	0.11	0.15	0.18	0.20	0.22	0.23	0.24	0.23	0.21	0.18	0.13	0.09	0.05	0.01	2.33	1.80				
-80	0.00	0.00	0.01	0.03	0.05	0.07	0.09	0.11	0.12	0.13	0.13	0.13	0.12	0.10	0.08	0.06	0.03	0.01	1.26	0.97				
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90				
Φ t	0.06	0.58	1.64	3.25	6.61	12.6	20.6	27.6	31.6	32.3	29.9	25.0	18.0	10.7	5.29	2.83	1.31	0.30	233					
Φ a	0.00	0.00	0.00	0.00	3.92	12.6	20.6	27.6	31.6	32.3	29.9	25.0	18.0	6.26	0.00	0.00	0.00	0.00		161				

Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-13-2023

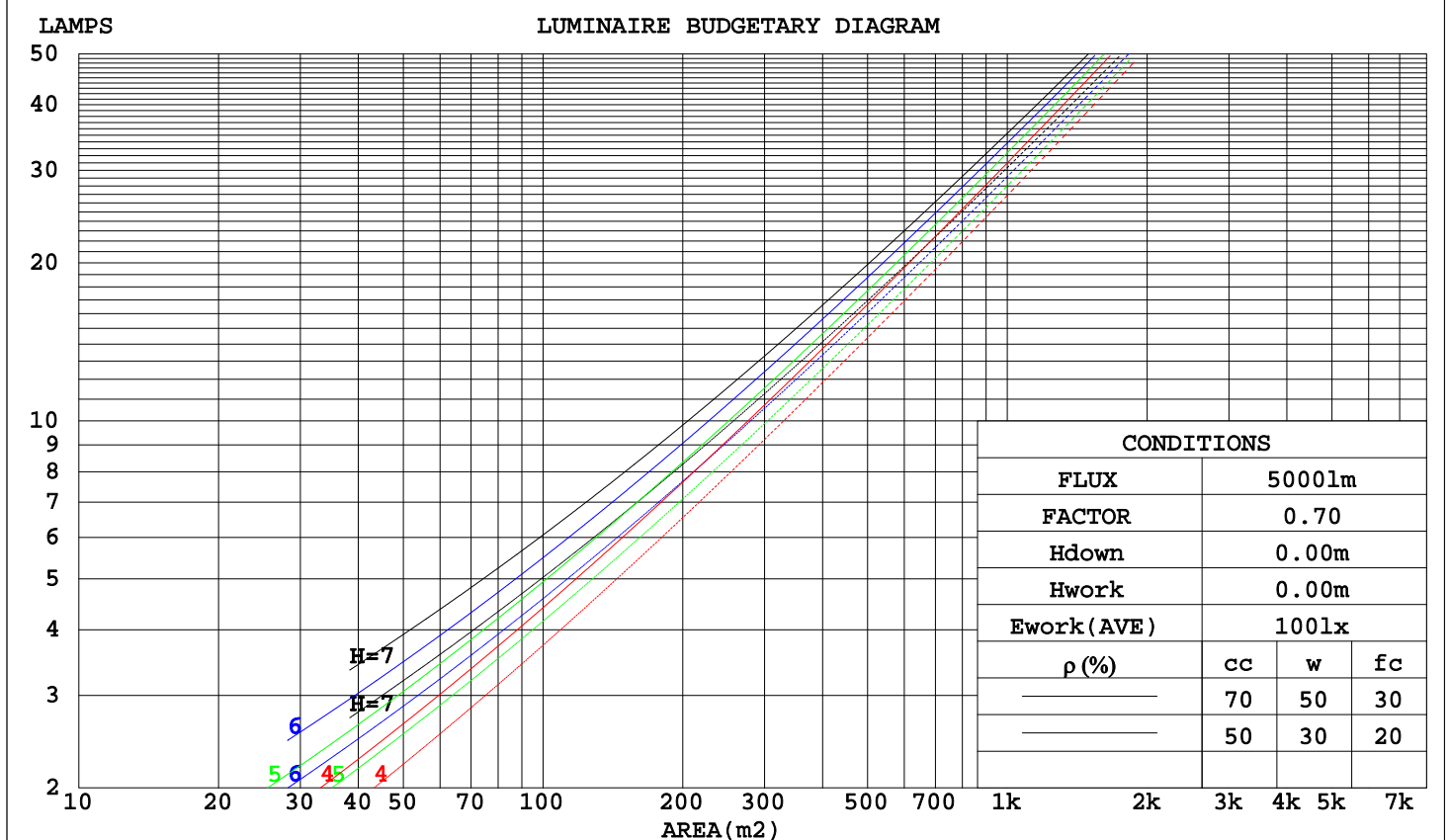
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

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

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															



Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-13-2023

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	.264	.150	.048	.257	.147	.047	.243	.140	.045	.231	.133	.043	.219	.127	.041	
2.0	.249	.136	.042	.242	.133	.041	.230	.128	.040	.219	.123	.039	.209	.118	.037	
3.0	.232	.124	.037	.227	.121	.037	.216	.117	.036	.206	.113	.035	.197	.109	.034	
4.0	.217	.113	.033	.212	.111	.033	.203	.107	.032	.194	.104	.031	.186	.101	.031	
5.0	.203	.103	.030	.199	.102	.030	.190	.099	.029	.183	.096	.029	.175	.094	.028	
6.0	.190	.095	.027	.186	.094	.027	.179	.092	.027	.172	.089	.026	.166	.087	.026	
7.0	.179	.088	.025	.175	.087	.025	.169	.085	.025	.163	.083	.024	.157	.081	.024	
8.0	.168	.082	.023	.165	.081	.023	.159	.080	.023	.154	.078	.022	.149	.076	.022	
9.0	.159	.077	.021	.156	.076	.021	.151	.075	.021	.146	.073	.021	.141	.072	.021	
10.0	.151	.072	.020	.148	.072	.020	.143	.070	.020	.139	.069	.020	.134	.068	.019	

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	.200	.200	.200	.171	.171	.171	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.186	.166	.147	.159	.142	.127	.109	.098	.088	.063	.057	.051	.020	.018	.016	
2.0	.176	.141	.113	.151	.122	.097	.103	.084	.068	.059	.049	.040	.019	.016	.013	
3.0	.167	.123	.089	.143	.106	.077	.098	.074	.054	.057	.043	.032	.018	.014	.010	
4.0	.158	.110	.073	.136	.095	.063	.093	.066	.044	.054	.039	.026	.017	.013	.009	
5.0	.151	.099	.061	.129	.086	.053	.089	.060	.037	.052	.035	.022	.017	.011	.007	
6.0	.144	.090	.052	.124	.078	.045	.085	.055	.032	.049	.032	.019	.016	.011	.006	
7.0	.137	.083	.045	.118	.072	.040	.082	.051	.028	.047	.030	.017	.015	.010	.006	
8.0	.131	.077	.040	.113	.067	.035	.078	.047	.025	.046	.028	.015	.015	.009	.005	
9.0	.126	.072	.036	.108	.063	.032	.075	.044	.023	.044	.026	.013	.014	.009	.004	
10.0	.121	.068	.033	.104	.059	.029	.072	.042	.021	.042	.025	.012	.014	.008	.004	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-13-2023

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	10.6	11.9	10.9	12.1	12.3	11.1	12.5	11.4	12.7	12.9
3H	11.5	12.7	11.8	12.9	13.2	11.4	12.6	11.7	12.9	13.1
4H	12.1	13.2	12.4	13.5	13.8	11.6	12.8	11.9	13.0	13.3
6H	12.8	13.8	13.1	14.1	14.4	11.9	13.0	12.2	13.2	13.5
8H	13.1	14.2	13.5	14.4	14.8	12.0	13.1	12.4	13.4	13.7
12H	13.5	14.5	13.8	14.8	15.1	12.3	13.3	12.6	13.6	13.9
4H 2H	10.8	11.9	11.1	12.2	12.5	11.2	12.4	11.6	12.6	12.9
3H	11.9	12.9	12.3	13.2	13.5	11.7	12.7	12.1	13.0	13.4
4H	12.7	13.6	13.1	14.0	14.3	12.1	13.0	12.5	13.3	13.7
6H	13.6	14.4	14.0	14.8	15.2	12.6	13.4	13.0	13.7	14.1
8H	14.1	14.8	14.5	15.2	15.6	12.8	13.6	13.2	14.0	14.4
12H	14.5	15.2	15.0	15.6	16.1	13.2	13.8	13.6	14.3	14.7
8H 4H	12.9	13.6	13.3	14.0	14.4	12.3	13.1	12.8	13.5	13.9
6H	14.0	14.6	14.5	15.0	15.5	13.0	13.6	13.5	14.1	14.5
8H	14.6	15.2	15.1	15.6	16.1	13.4	14.0	13.9	14.4	14.9
12H	15.3	15.8	15.8	16.2	16.7	14.0	14.4	14.5	14.9	15.4
12H 4H	12.9	13.6	13.4	14.0	14.4	12.4	13.1	12.8	13.5	13.9
6H	14.1	14.6	14.6	15.1	15.6	13.2	13.7	13.6	14.2	14.6
8H	14.8	15.2	15.3	15.7	16.2	13.7	14.1	14.2	14.6	15.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.5				
1.5H	+ 0.2 / - 0.3					+ 0.4 / - 0.3				
2.0H	+ 0.8 / - 0.5					+ 1.3 / - 1.1				

CIE Pub.117 Corrected 233.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -5.1)

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-13-2023

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) $k(RI) \times RCR = 5$									
$k = 0.60$	66	56	50	65	56	50	64	55	50	44
0.80	76	66	60	75	65	60	73	65	59	53
1.00	83	74	68	82	74	68	80	74	67	61
1.25	90	81	75	88	80	75	86	79	74	68
1.50	94	86	80	92	85	80	90	83	78	72
2.00	99	92	87	98	91	86	94	89	85	78
2.50	102	96	91	101	95	90	97	92	88	80
3.00	105	99	95	103	98	94	99	95	91	83
4.00	108	104	100	106	102	98	102	98	95	87
5.00	110	106	103	108	104	101	103	100	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

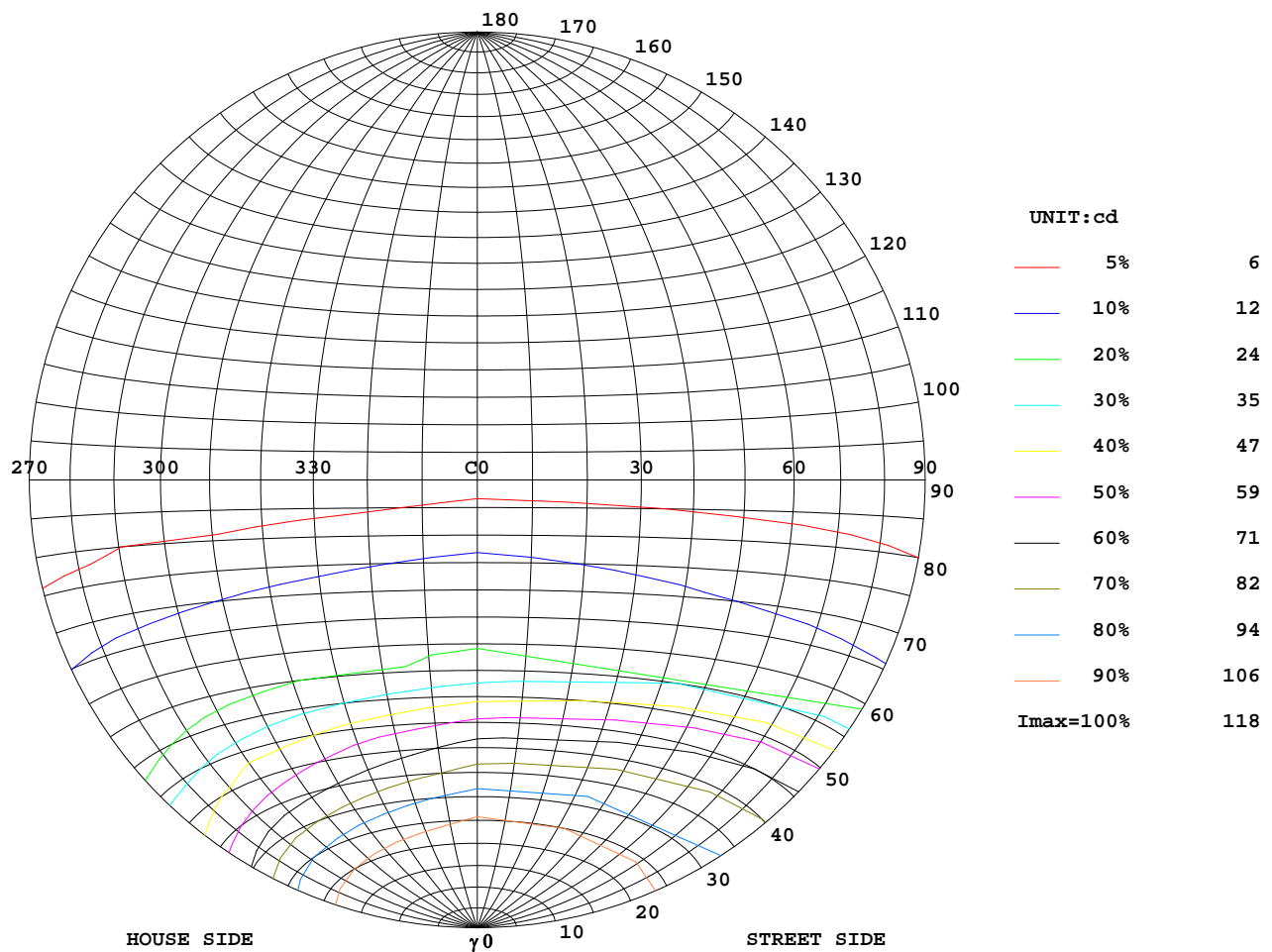
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-13-2023

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:07-13-2023

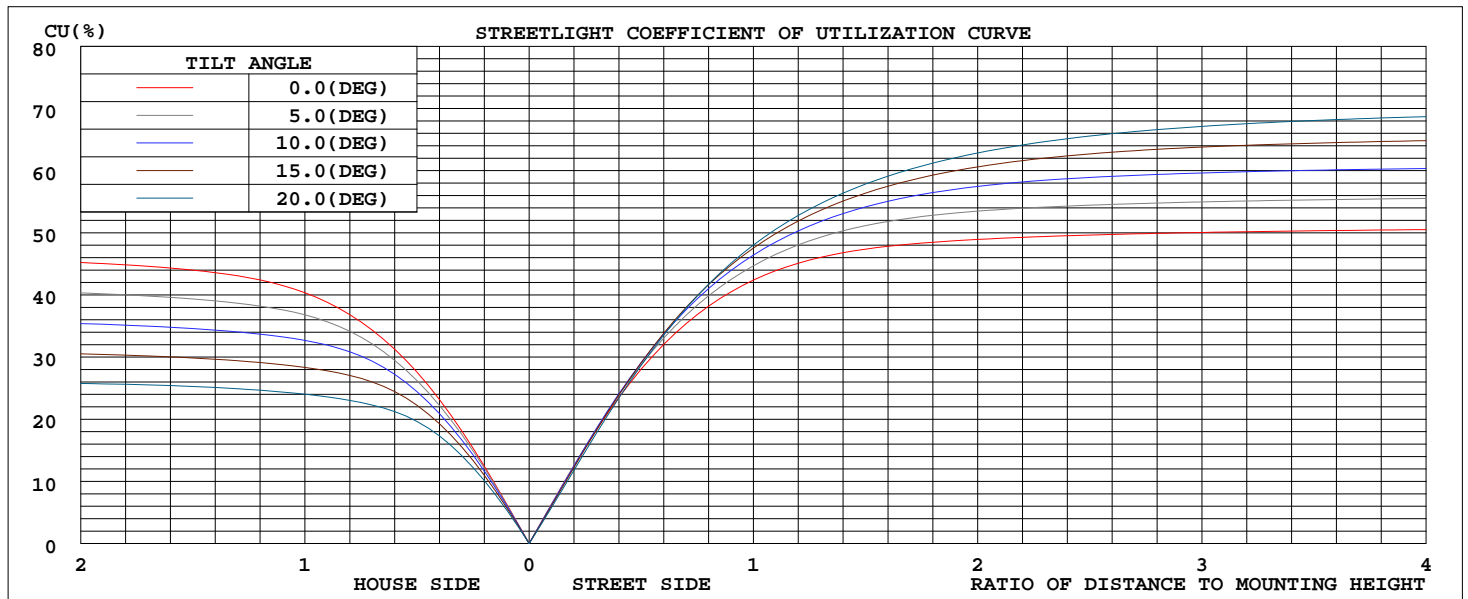
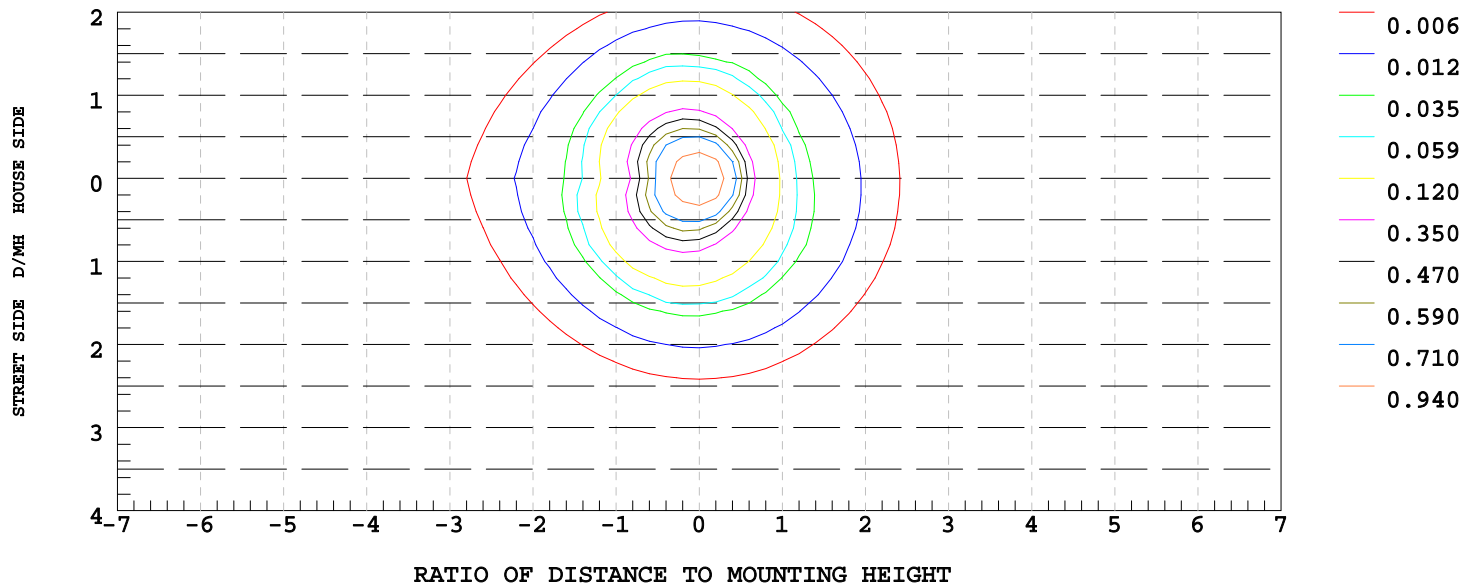
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 1.18 lx



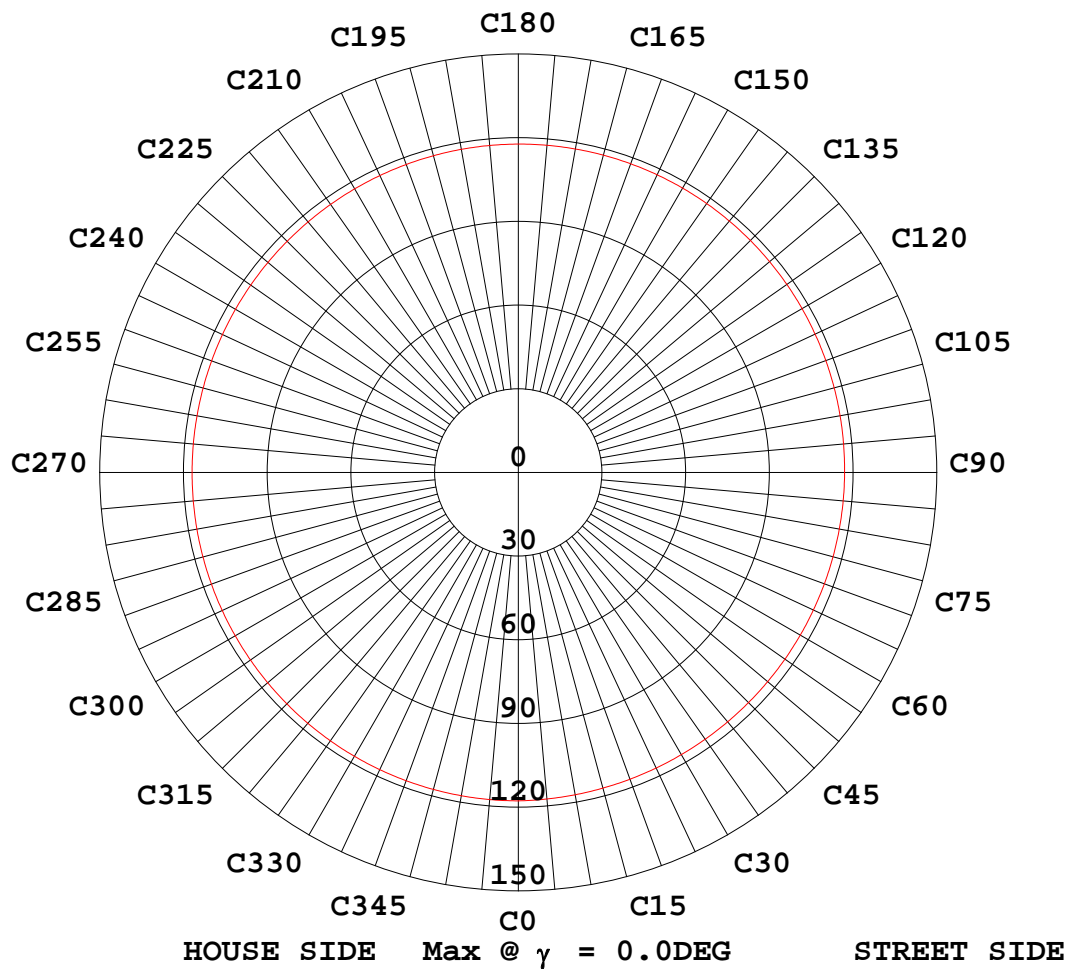
Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:07-13-2023

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:07-13-2023

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	118	117	118	117
5.0	117	116	117	116
10.0	116	115	115	114
15.0	115	112	110	111
20.0	112	109	103	107
25.0	107	104	90.1	101
30.0	98.3	98.4	71.6	93.1
35.0	86.0	90.9	54.2	84.1
40.0	74.7	82.5	41.1	73.8
45.0	60.9	72.8	29.3	57.8
50.0	43.1	57.9	19.8	38.8
55.0	29.2	41.8	15.9	21.5
60.0	22.7	21.4	13.0	13.2
65.0	17.7	12.3	11.7	9.53
70.0	15.5	8.85	8.95	7.84
75.0	12.9	7.24	6.41	6.53
80.0	9.89	5.88	4.69	4.79
85.0	6.70	4.58	1.40	2.77
90.0	4.08	1.68	0.07	0.88
95.0	1.52	0.06	0.09	0.38
100.0	1.08	0.06	0.11	0.35
105.0	0.79	0.08	0.14	0.32
110.0	0.48	0.11	0.18	0.30
115.0	0.23	0.16	0.23	0.32
120.0	0.23	0.23	0.29	0.39
125.0	0.24	0.33	0.38	0.42
130.0	0.27	0.44	0.47	0.47
135.0	0.34	0.53	0.55	0.55
140.0	0.42	0.57	0.60	0.59
145.0	0.49	0.58	0.61	0.61
150.0	0.54	0.55	0.59	0.61
155.0	0.53	0.51	0.54	0.56
160.0	0.49	0.44	0.47	0.51
165.0	0.43	0.38	0.41	0.44
170.0	0.36	0.32	0.36	0.38
175.0	0.33	0.30	0.34	0.34
180.0	0.33	0.30	0.33	0.30

Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-13-2023

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