

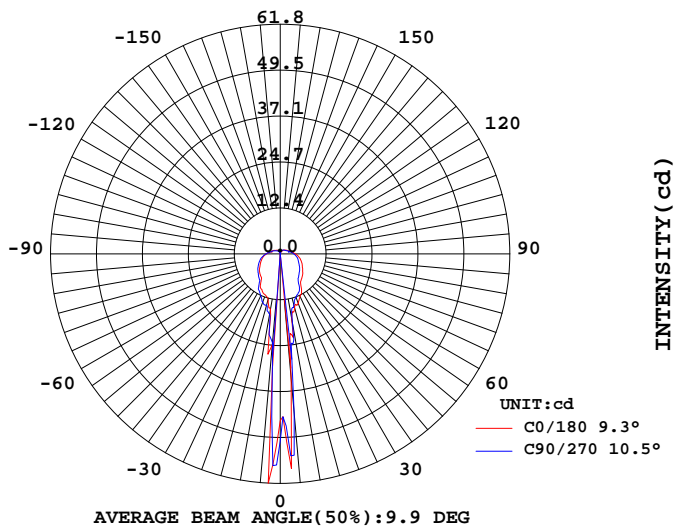
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

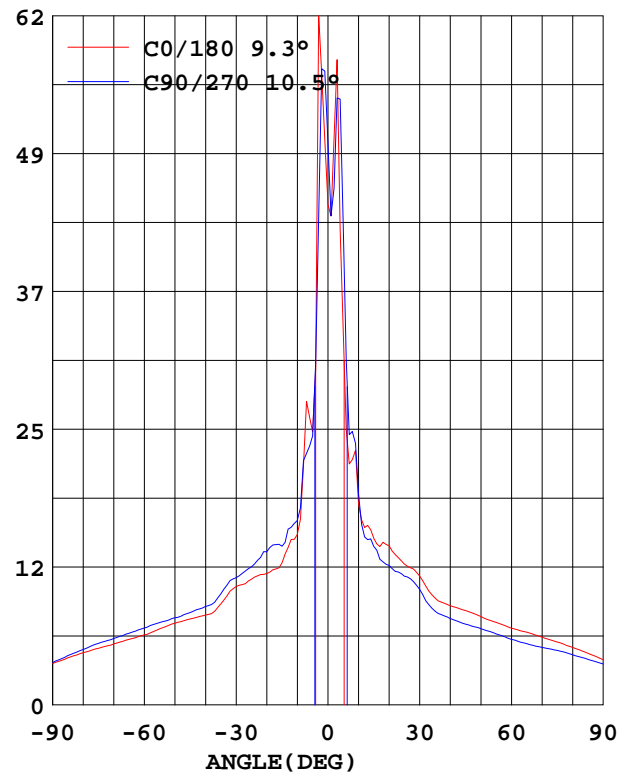
MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	61.81	S/MH(C0/180)	0.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.16
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	59.0	Voltage(V)	12.00
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	17.9	Current(A)	0.365
NOMINAL FLUX(lm)	59.0	η up(%)	20.6	Power(W)	3.300
LAMPS QUANTITY	1	η down(%)	79.4	Power Factor(PF)	0.751
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	33.0	EEI	0.495

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.:

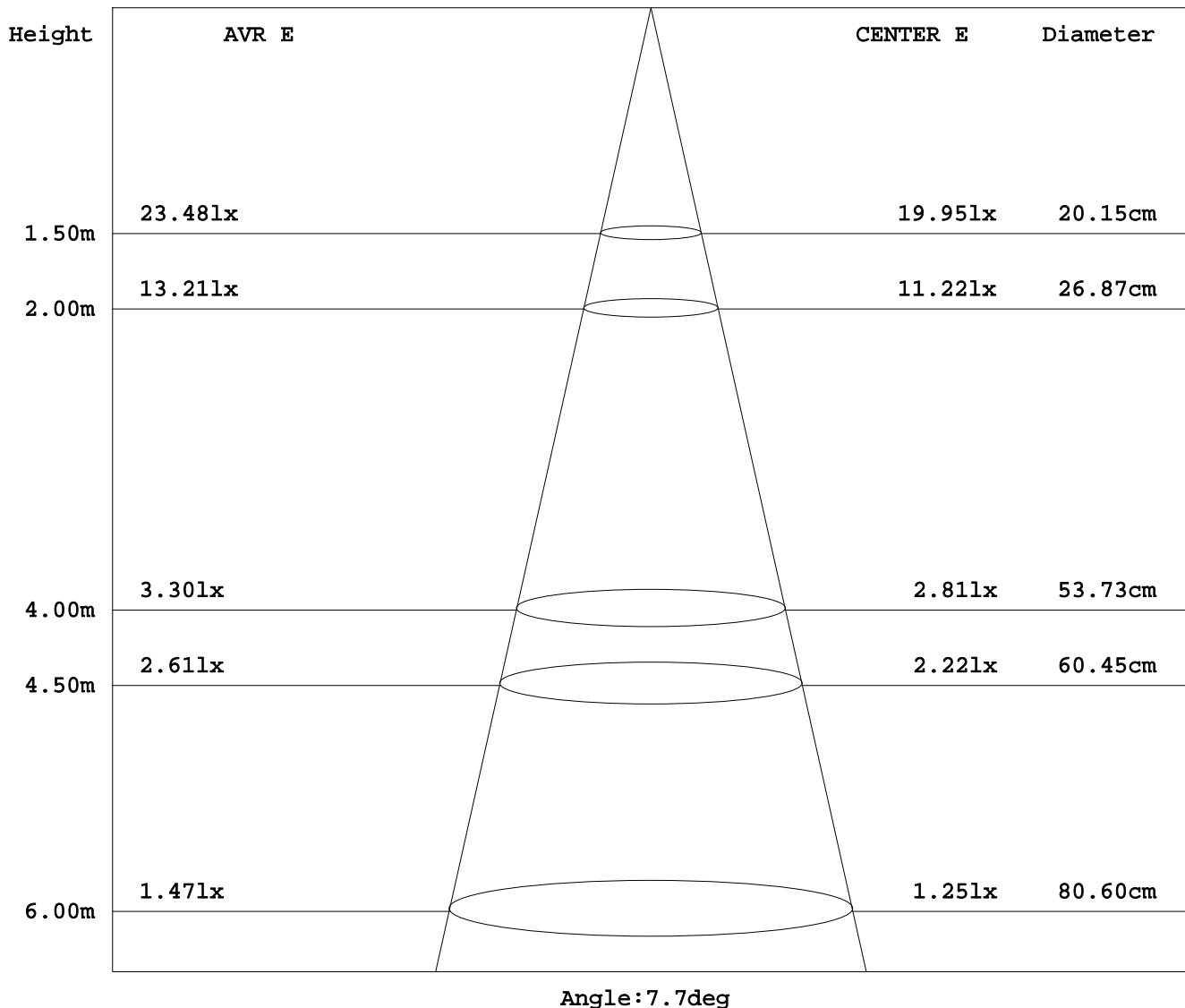
Test System:HOPOO HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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	24.49	24.12	33.70	43.21					0- 5	1.067	1.067
10.0	15.26	16.53	18.01	18.90					5- 10	1.628	2.696
15.0	12.73	14.23	14.95	14.21					10- 15	1.815	4.511
20.0	11.78	13.73	14.27	12.51					15- 20	2.221	6.733
25.0	11.27	12.37	12.63	11.54					20- 25	2.622	9.356
30.0	10.61	11.40	11.54	10.35					25- 30	2.912	12.26
35.0	9.071	9.974	9.596	8.424					30- 35	2.979	15.24
40.0	8.058	8.840	8.893	7.750					35- 40	2.906	18.15
45.0	7.714	8.293	8.456	7.247					40- 45	3.018	21.17
50.0	7.324	7.819	7.931	6.844					45- 50	3.111	24.28
55.0	6.822	7.388	7.397	6.369					50- 55	3.144	27.42
60.0	6.282	6.899	6.890	5.885					55- 60	3.115	30.54
65.0	5.884	6.425	6.524	5.490					60- 65	3.052	33.59
70.0	5.470	5.964	6.076	5.161					65- 70	2.972	36.56
75.0	5.074	5.515	5.640	4.884					70- 75	2.858	39.42
80.0	4.693	4.975	5.160	4.501					75- 80	2.709	42.13
85.0	4.228	4.430	4.633	4.084					80- 85	2.492	44.62
90.0	3.715	3.803	4.061	3.671					85- 90	2.231	46.86
95.0	3.308	3.500	3.605	3.296					90- 95	1.972	48.83
100.0	2.955	2.799	3.064	2.925					95-100	1.717	50.54
105.0	2.390	2.490	2.743	2.461					100-105	1.436	51.98
110.0	2.388	2.240	2.465	2.305					105-110	1.286	53.27
115.0	2.163	1.976	2.214	2.027					110-115	1.123	54.39
120.0	1.930	1.716	1.999	1.833					115-120	0.963	55.35
125.0	1.708	1.487	1.799	1.669					120-125	0.818	56.17
130.0	1.538	1.298	1.651	1.548					125-130	0.686	56.86
135.0	1.402	1.196	1.505	1.474					130-135	0.587	57.45
140.0	1.305	1.058	1.305	1.372					135-140	0.492	57.94
145.0	1.194	0.882	1.118	1.252					140-145	0.395	58.33
150.0	1.020	0.706	0.875	1.145					145-150	0.304	58.64
155.0	0.718	0.453	0.598	0.960					150-155	0.206	58.84
160.0	0.387	0.232	0.391	0.667					155-160	0.115	58.96
165.0	0.190	0.098	0.213	0.355					160-165	0.051	59.01
170.0	0.077	0.020	0.099	0.188					165-170	0.018	59.03
175.0	0.028	0.003	0.027	0.069					170-175	0.005	59.03
180.0	0.016	0.010	0.012	0.023					175-180	0.001	59.03
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:

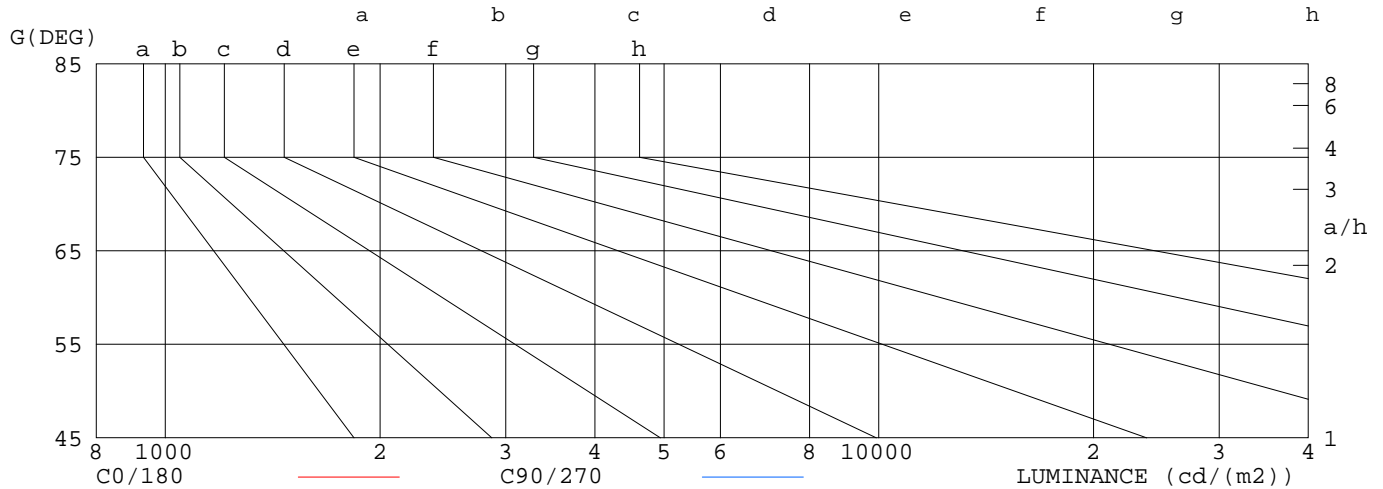
LUMINANCE LIMITATION CURVES

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	485	508
80	270	286
75	196	213
70	160	174
65	139	152
60	126	138
55	119	129
50	114	122
45	109	117

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

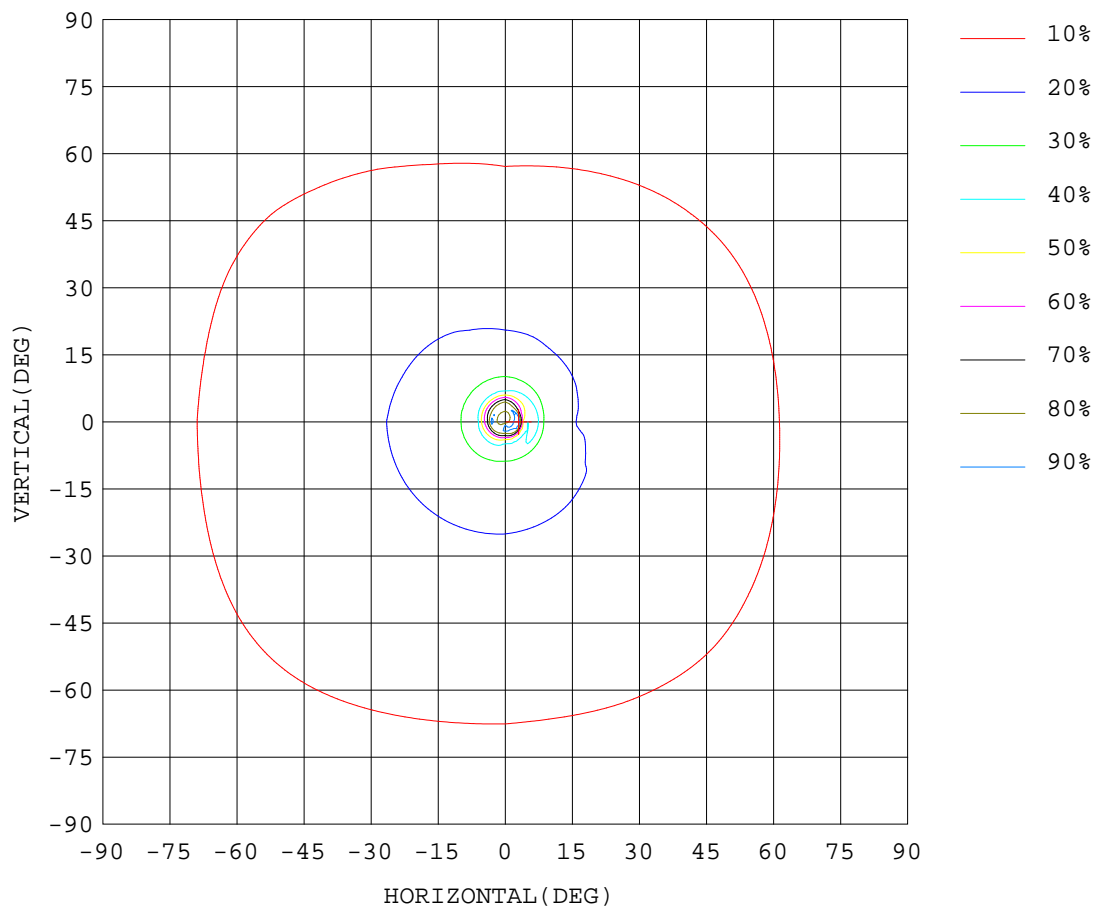
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



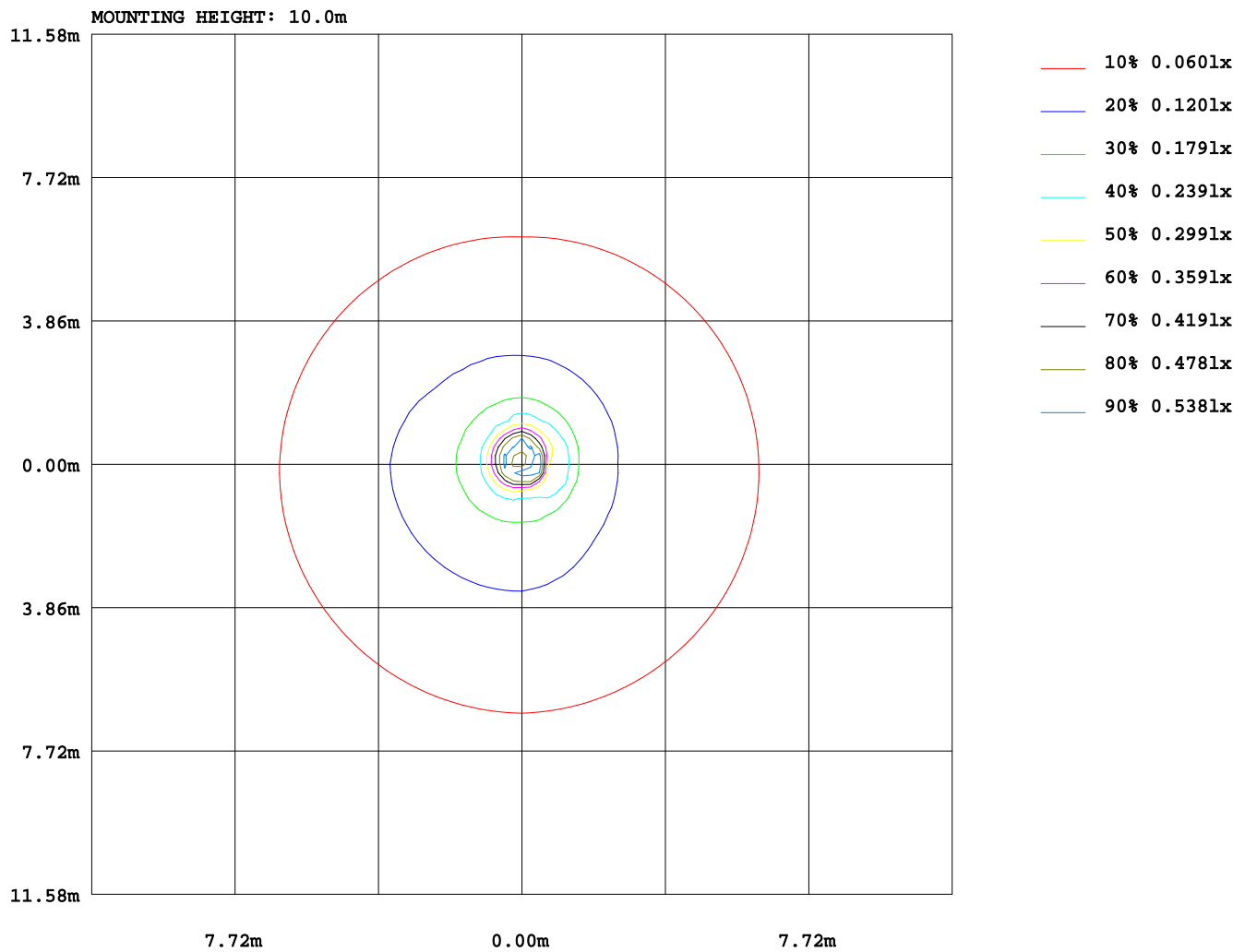
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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.:				

90	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.01	0.03	0.05	0.07	0.09	0.11	0.12	0.12	0.12	0.12	0.12	0.11	0.10	0.09	0.07	0.05	0.03	0.01	1.43	0.00		
80	0.01	0.03	0.06	0.08	0.11	0.12	0.14	0.15	0.15	0.15	0.14	0.13	0.12	0.10	0.08	0.06	0.03	0.01	1.66	0.00		
70	0.01	0.04	0.06	0.09	0.12	0.14	0.15	0.16	0.17	0.17	0.16	0.15	0.13	0.11	0.09	0.06	0.03	0.01	1.86	0.00		
60	0.01	0.04	0.07	0.10	0.13	0.15	0.18	0.19	0.19	0.19	0.19	0.17	0.15	0.12	0.09	0.06	0.04	0.01	2.08	0.88		
50	0.01	0.04	0.07	0.11	0.14	0.17	0.20	0.22	0.22	0.22	0.21	0.19	0.17	0.13	0.10	0.07	0.04	0.01	2.31	1.82		
40	0.01	0.04	0.08	0.11	0.15	0.19	0.22	0.25	0.26	0.26	0.24	0.21	0.18	0.14	0.11	0.07	0.04	0.01	2.58	2.26		
30	0.01	0.04	0.08	0.12	0.16	0.21	0.26	0.32	0.35	0.34	0.31	0.25	0.19	0.15	0.11	0.07	0.04	0.01	3.03	2.79		
VERTICAL(DEG)	0.01	0.04	0.08	0.12	0.17	0.22	0.31	0.38	0.43	0.41	0.35	0.29	0.21	0.16	0.12	0.07	0.04	0.01	3.45	3.24		
	0.01	0.04	0.08	0.13	0.18	0.24	0.34	0.43	0.83	0.80	0.38	0.31	0.23	0.16	0.12	0.08	0.04	0.01	4.42	4.24		
	0.01	0.04	0.08	0.13	0.18	0.24	0.35	0.44	0.75	0.72	0.39	0.31	0.23	0.17	0.12	0.08	0.04	0.01	4.29	4.11		
	0.01	0.04	0.08	0.13	0.18	0.23	0.32	0.40	0.45	0.43	0.37	0.30	0.22	0.16	0.12	0.08	0.04	0.01	3.56	3.37		
	0.01	0.04	0.08	0.12	0.17	0.22	0.27	0.34	0.38	0.37	0.33	0.26	0.20	0.16	0.11	0.07	0.04	0.01	3.20	2.99		
	0.01	0.04	0.08	0.12	0.16	0.20	0.24	0.27	0.30	0.30	0.27	0.23	0.19	0.15	0.11	0.07	0.04	0.01	2.79	2.53		
	0.01	0.04	0.08	0.11	0.15	0.18	0.22	0.24	0.25	0.25	0.23	0.21	0.18	0.14	0.10	0.07	0.04	0.01	2.51	2.15		
	0.01	0.04	0.07	0.10	0.14	0.17	0.19	0.21	0.22	0.22	0.21	0.19	0.16	0.13	0.10	0.07	0.04	0.01	2.28	1.72		
	0.01	0.04	0.07	0.10	0.12	0.15	0.17	0.19	0.19	0.19	0.18	0.17	0.14	0.12	0.09	0.06	0.03	0.01	2.04	0.73		
	0.01	0.04	0.06	0.09	0.11	0.13	0.15	0.16	0.17	0.17	0.16	0.14	0.13	0.10	0.08	0.06	0.03	0.01	1.79	0.00		
-30	0.01	0.04	0.08	0.12	0.17	0.22	0.27	0.34	0.38	0.37	0.33	0.26	0.20	0.16	0.11	0.07	0.04	0.01	3.20	2.99		
-40	0.01	0.04	0.08	0.12	0.16	0.20	0.24	0.27	0.30	0.30	0.27	0.23	0.19	0.15	0.11	0.07	0.04	0.01	2.79	2.53		
-50	0.01	0.04	0.08	0.11	0.15	0.18	0.22	0.24	0.25	0.25	0.23	0.21	0.18	0.14	0.10	0.07	0.04	0.01	2.51	2.15		
-60	0.01	0.04	0.07	0.10	0.14	0.17	0.19	0.21	0.22	0.22	0.21	0.19	0.16	0.13	0.10	0.07	0.04	0.01	2.28	1.72		
-70	0.01	0.04	0.07	0.10	0.12	0.15	0.17	0.19	0.19	0.19	0.18	0.17	0.14	0.12	0.09	0.06	0.03	0.01	2.04	0.73		
-80	0.01	0.04	0.06	0.09	0.11	0.13	0.15	0.16	0.17	0.17	0.16	0.14	0.13	0.10	0.08	0.06	0.03	0.01	1.79	0.00		
-90	0.01	0.03	0.05	0.08	0.09	0.11	0.12	0.13	0.13	0.13	0.13	0.12	0.11	0.09	0.07	0.05	0.03	0.01	1.49	0.00		
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																						
Φ t	0.22	0.72	1.29	1.91	2.55	3.19	3.94	4.60	5.56	5.46	4.37	3.75	3.02	2.39	1.78	1.19	0.66	0.20	59			
Φ a	0.00	0.00	0.43	1.13	1.77	2.40	3.14	3.78	4.74	4.61	3.52	2.89	2.14	1.48	0.76	0.03	0.00	0.00		33		

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

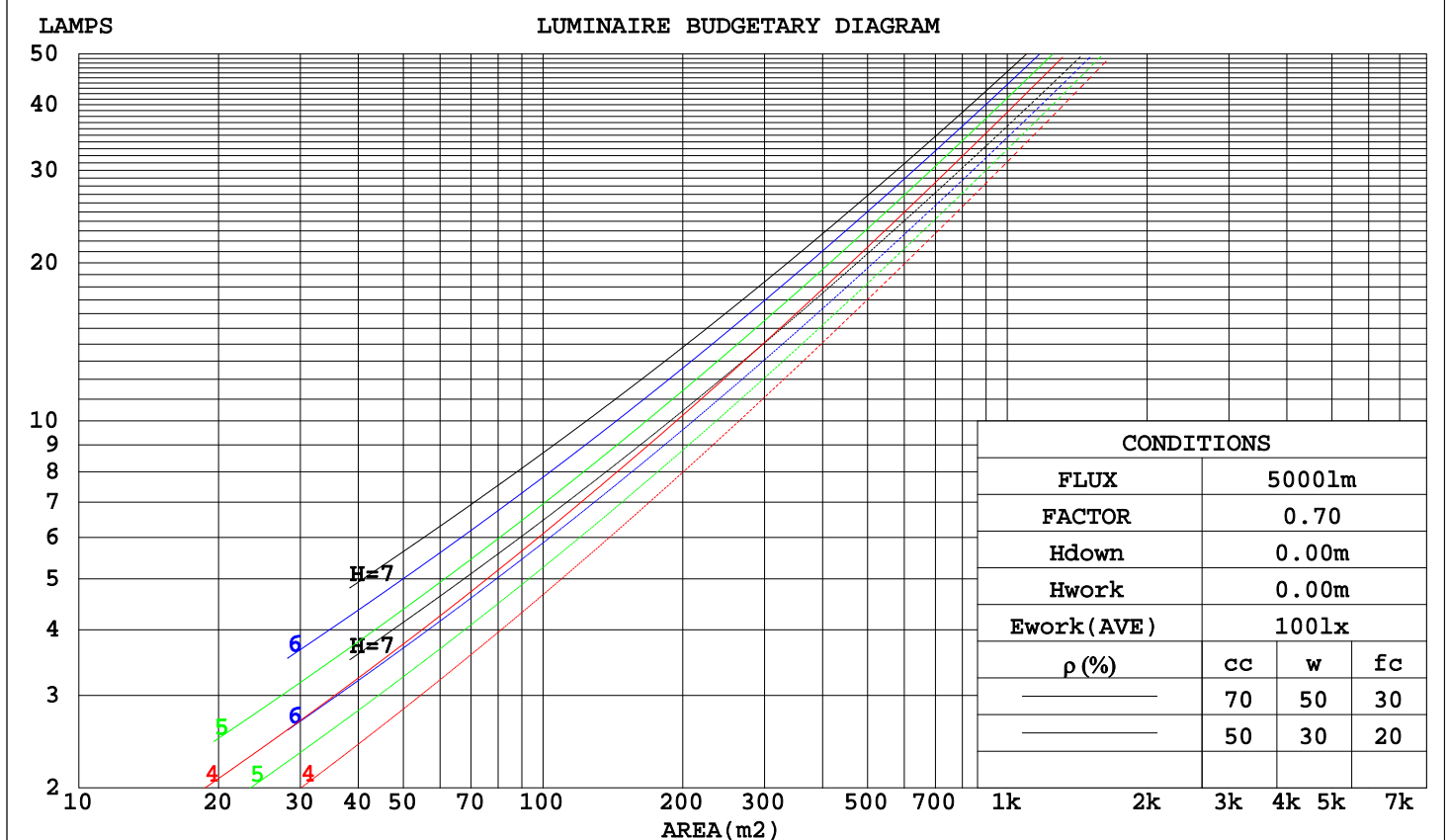
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

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

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: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.:			

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	.382	.217	.069	.368	.210	.067	.343	.197	.063	.320	.185	.059	.298	.173	.056	
2.0	.327	.179	.055	.314	.173	.053	.291	.162	.050	.270	.152	.047	.251	.142	.045	
3.0	.288	.153	.046	.277	.148	.045	.257	.139	.042	.237	.130	.040	.220	.122	.038	
4.0	.258	.134	.039	.249	.130	.038	.230	.122	.036	.212	.114	.034	.196	.107	.032	
5.0	.234	.119	.035	.225	.116	.034	.208	.109	.032	.193	.102	.030	.178	.095	.029	
6.0	.215	.108	.031	.206	.104	.030	.191	.098	.028	.176	.092	.027	.163	.086	.025	
7.0	.198	.098	.028	.190	.095	.027	.176	.089	.026	.163	.083	.024	.150	.078	.023	
8.0	.183	.090	.025	.176	.087	.025	.163	.082	.023	.151	.077	.022	.139	.072	.021	
9.0	.171	.083	.023	.164	.080	.022	.152	.075	.021	.141	.071	.020	.130	.066	.019	
10.0	.160	.077	.021	.154	.074	.021	.143	.070	.020	.132	.066	.019	.122	.062	.018	

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	.348	.348	.348	.297	.297	.297	.203	.203	.203	.116	.116	.116	.037	.037	.037	
1.0	.344	.314	.287	.294	.269	.247	.201	.185	.171	.116	.107	.099	.037	.035	.032	
2.0	.336	.291	.253	.288	.251	.219	.197	.173	.153	.114	.101	.090	.037	.033	.029	
3.0	.328	.275	.232	.282	.237	.201	.193	.165	.141	.112	.096	.083	.036	.031	.027	
4.0	.320	.262	.218	.275	.227	.189	.189	.158	.133	.109	.093	.079	.035	.030	.026	
5.0	.312	.252	.208	.268	.218	.181	.185	.153	.128	.107	.090	.076	.034	.029	.025	
6.0	.305	.244	.201	.262	.212	.175	.181	.148	.124	.105	.087	.074	.034	.028	.024	
7.0	.298	.238	.196	.256	.206	.171	.177	.144	.121	.103	.085	.072	.033	.028	.024	
8.0	.291	.232	.192	.250	.201	.167	.173	.141	.119	.101	.083	.071	.033	.027	.023	
9.0	.285	.227	.189	.245	.197	.165	.170	.139	.117	.099	.082	.070	.032	.027	.023	
10.0	.279	.223	.186	.240	.194	.162	.167	.136	.115	.097	.081	.069	.032	.026	.023	

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	3.9	5.2	4.4	5.7	6.3	4.2	5.5	4.7	6.0	6.6
3H	6.4	7.6	6.9	8.1	8.8	6.8	8.0	7.3	8.5	9.2
4H	7.8	8.9	8.3	9.5	10.2	8.2	9.3	8.8	9.9	10.6
6H	9.3	10.4	9.9	11.0	11.7	9.7	10.8	10.4	11.4	12.1
8H	10.2	11.2	10.8	11.8	12.5	10.6	11.6	11.2	12.2	12.9
12H	11.2	12.2	11.8	12.8	13.5	11.5	12.5	12.2	13.2	13.9
4H 2H	4.7	5.9	5.3	6.5	7.1	5.0	6.1	5.6	6.7	7.4
3H	7.4	8.4	8.1	9.1	9.8	7.7	8.8	8.4	9.4	10.1
4H	9.0	9.9	9.7	10.6	11.3	9.3	10.3	10.0	10.9	11.7
6H	10.7	11.6	11.4	12.2	13.0	11.1	11.9	11.8	12.6	13.4
8H	11.7	12.5	12.4	13.1	14.0	12.0	12.8	12.7	13.5	14.3
12H	12.8	13.5	13.5	14.2	15.0	13.1	13.8	13.8	14.5	15.3
8H 4H	9.6	10.4	10.3	11.1	11.9	9.9	10.7	10.6	11.4	12.2
6H	11.6	12.3	12.4	13.0	13.9	11.9	12.6	12.6	13.3	14.2
8H	12.8	13.4	13.5	14.1	15.0	13.1	13.6	13.8	14.4	15.2
12H	14.1	14.6	14.8	15.4	16.2	14.4	14.9	15.1	15.6	16.5
12H 4H	9.8	10.5	10.5	11.2	12.0	10.0	10.8	10.8	11.5	12.3
6H	11.9	12.5	12.7	13.3	14.1	12.2	12.8	12.9	13.5	14.4
8H	13.2	13.7	13.9	14.4	15.3	13.4	13.9	14.2	14.7	15.6
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					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 59.03 lm Total Lamp Luminous Flux.(8log(F/F0) = -9.8)

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) $k(RI) \times RCR = 5$									
$k = 0.60$	49	37	30	48	37	30	46	36	29	23
0.80	58	45	37	56	44	37	53	43	36	28
1.00	65	52	44	63	51	44	59	52	42	34
1.25	72	59	51	69	58	50	65	55	48	38
1.50	77	65	56	74	63	55	69	60	53	42
2.00	84	73	64	80	70	63	74	66	60	48
2.50	88	78	70	84	75	68	78	70	64	51
3.00	92	82	75	88	79	73	81	74	68	55
4.00	96	88	82	92	85	79	85	79	74	59
5.00	99	92	86	95	89	83	87	82	78	62
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004					Suspended			SHRNOM = 1.25		

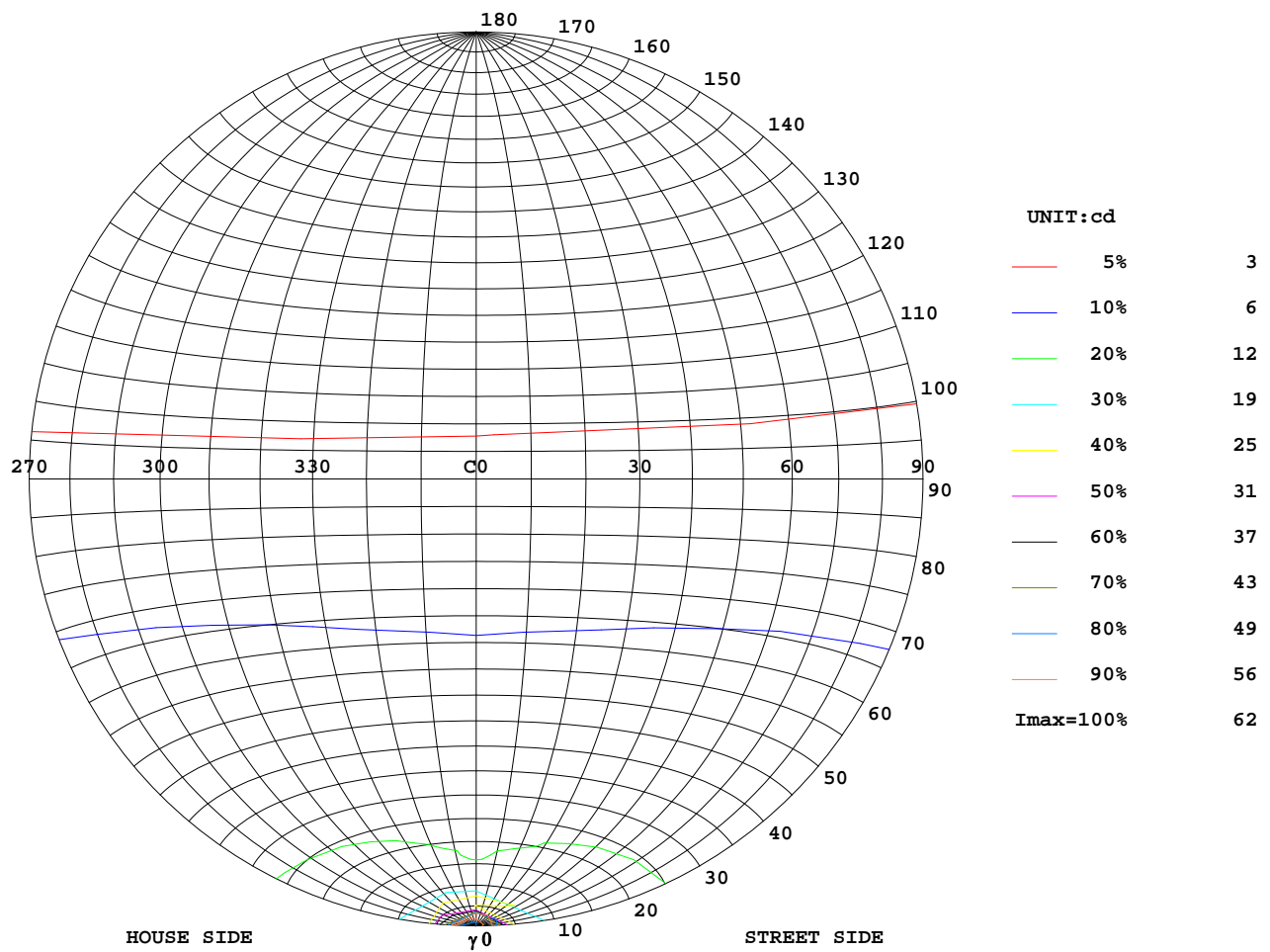
Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

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

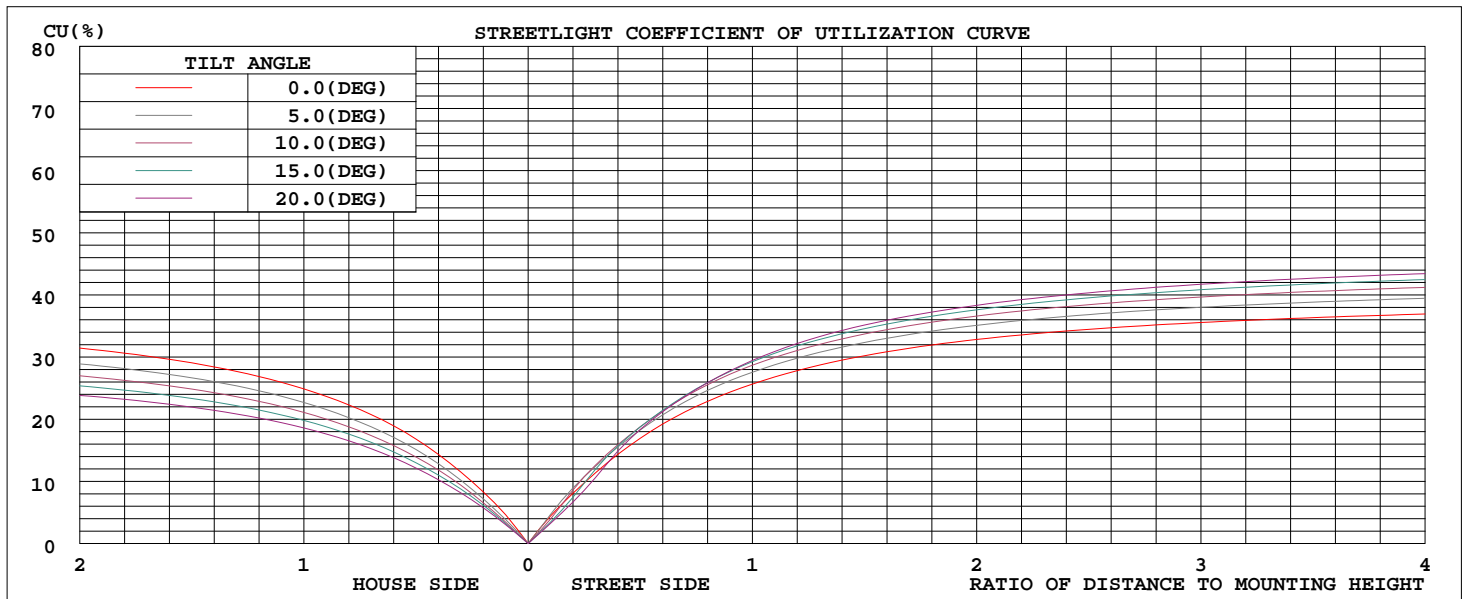
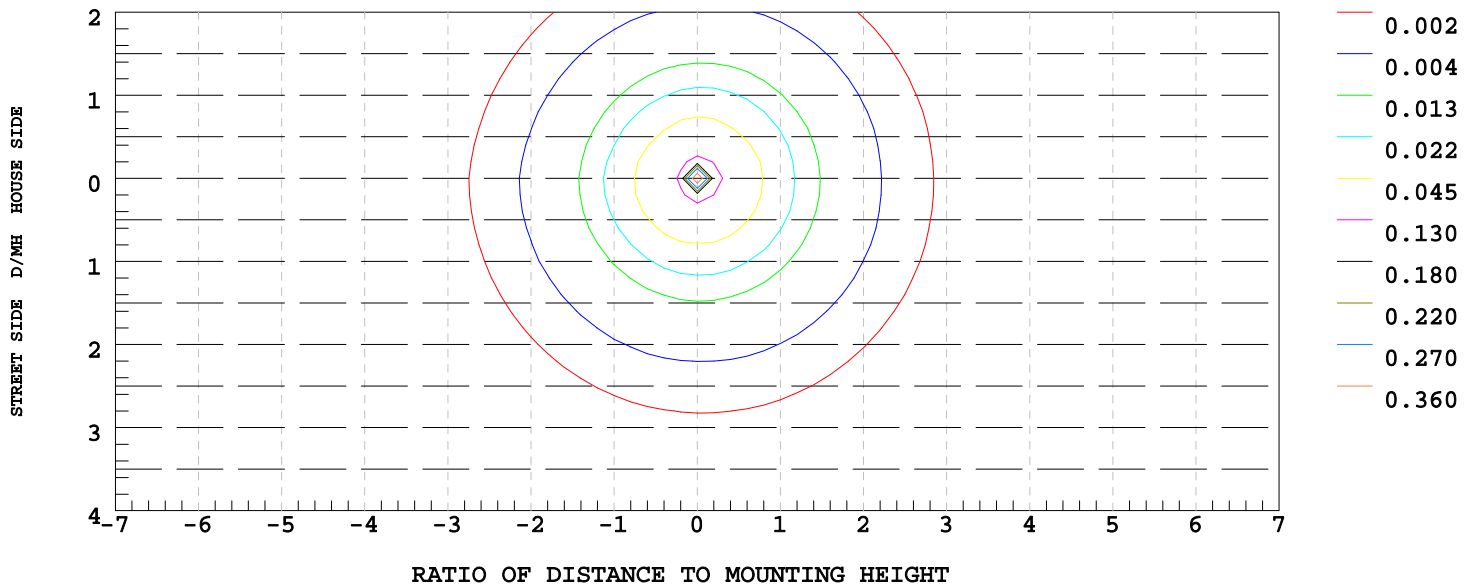
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 0.45 lx



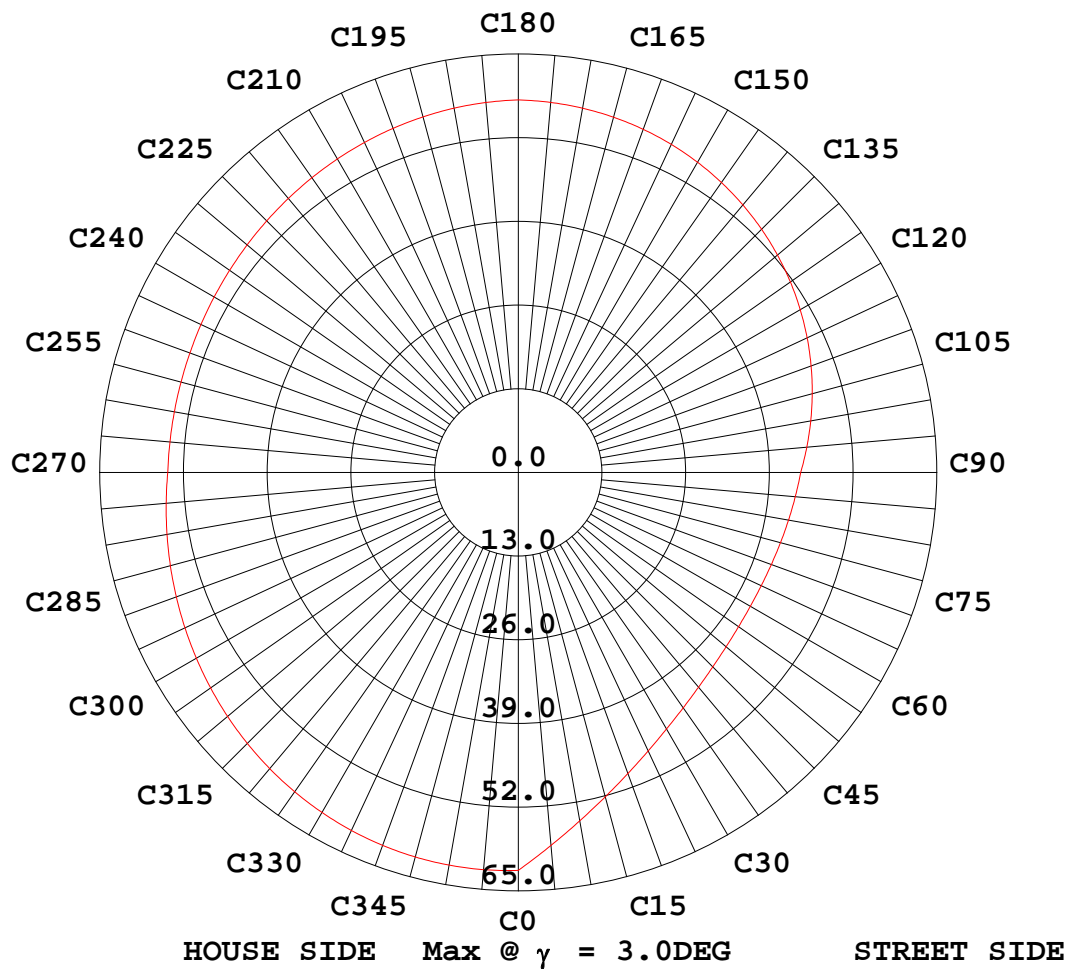
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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	44.8	50.3	44.8	50.3
5.0	24.4	24.1	33.7	43.2
10.0	15.2	16.5	18.0	18.9
15.0	12.7	14.2	14.9	14.2
20.0	11.7	13.7	14.2	12.5
25.0	11.2	12.3	12.6	11.5
30.0	10.6	11.4	11.5	10.3
35.0	9.07	9.97	9.59	8.42
40.0	8.05	8.84	8.89	7.75
45.0	7.71	8.29	8.45	7.24
50.0	7.32	7.81	7.93	6.84
55.0	6.82	7.38	7.39	6.36
60.0	6.28	6.89	6.89	5.88
65.0	5.88	6.42	6.52	5.49
70.0	5.47	5.96	6.07	5.16
75.0	5.07	5.51	5.64	4.88
80.0	4.69	4.97	5.16	4.50
85.0	4.22	4.43	4.63	4.08
90.0	3.71	3.80	4.06	3.67
95.0	3.30	3.50	3.60	3.29
100.0	2.95	2.79	3.06	2.92
105.0	2.39	2.49	2.74	2.46
110.0	2.38	2.24	2.46	2.30
115.0	2.16	1.97	2.21	2.02
120.0	1.93	1.71	1.99	1.83
125.0	1.70	1.48	1.79	1.66
130.0	1.53	1.29	1.65	1.54
135.0	1.40	1.19	1.50	1.47
140.0	1.30	1.05	1.30	1.37
145.0	1.19	0.88	1.11	1.25
150.0	1.02	0.71	0.88	1.14
155.0	0.72	0.45	0.60	0.96
160.0	0.39	0.23	0.39	0.67
165.0	0.19	0.10	0.21	0.35
170.0	0.08	0.02	0.10	0.19
175.0	0.03	0.00	0.03	0.07
180.0	0.02	0.01	0.01	0.02

Test System:HOPPO HP880D
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Remarks: