

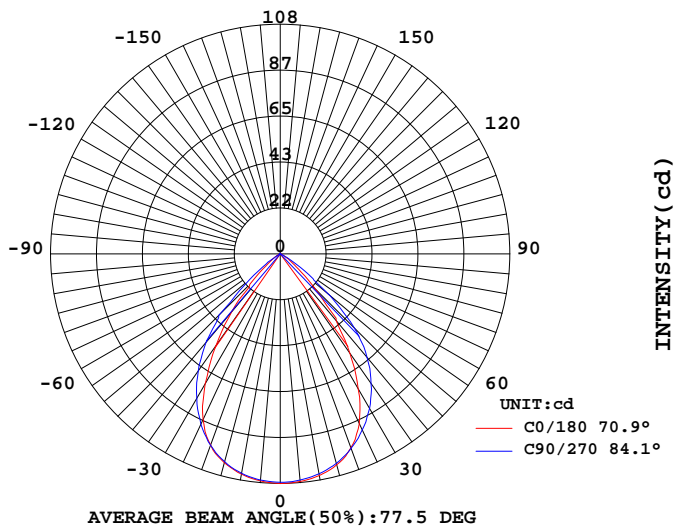
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

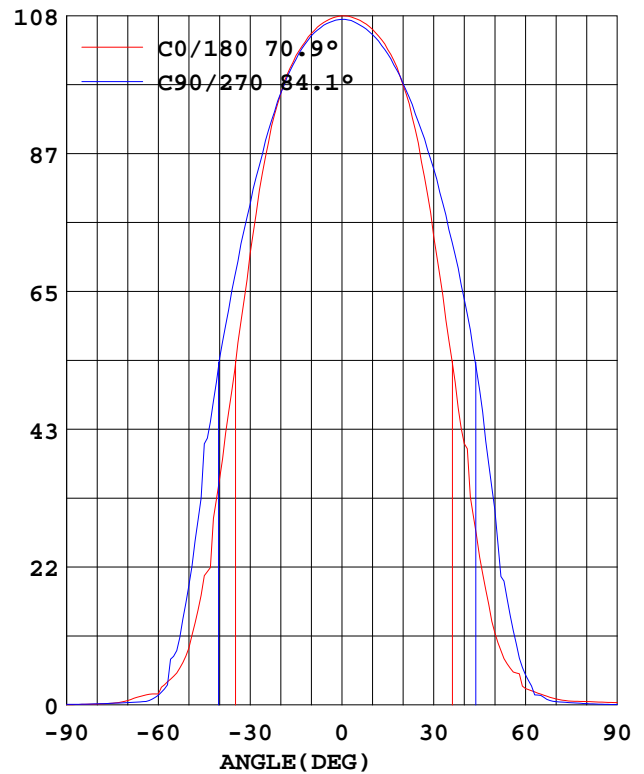
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	108.1	S/MH(C0/180)	1.02
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.12
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	153.9	Voltage(V)	12.05
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	53.3	Current(A)	0.296
NOMINAL FLUX(lm)	153.9	η up(%)	0.7	Power(W)	2.890
LAMPS QUANTITY	1	η down(%)	99.3	Power Factor(PF)	0.809
TEST VOLTAGE(V)	12.1	Effective Flux(lm)	133.4	EEI	0.173

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-21-2023

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.:

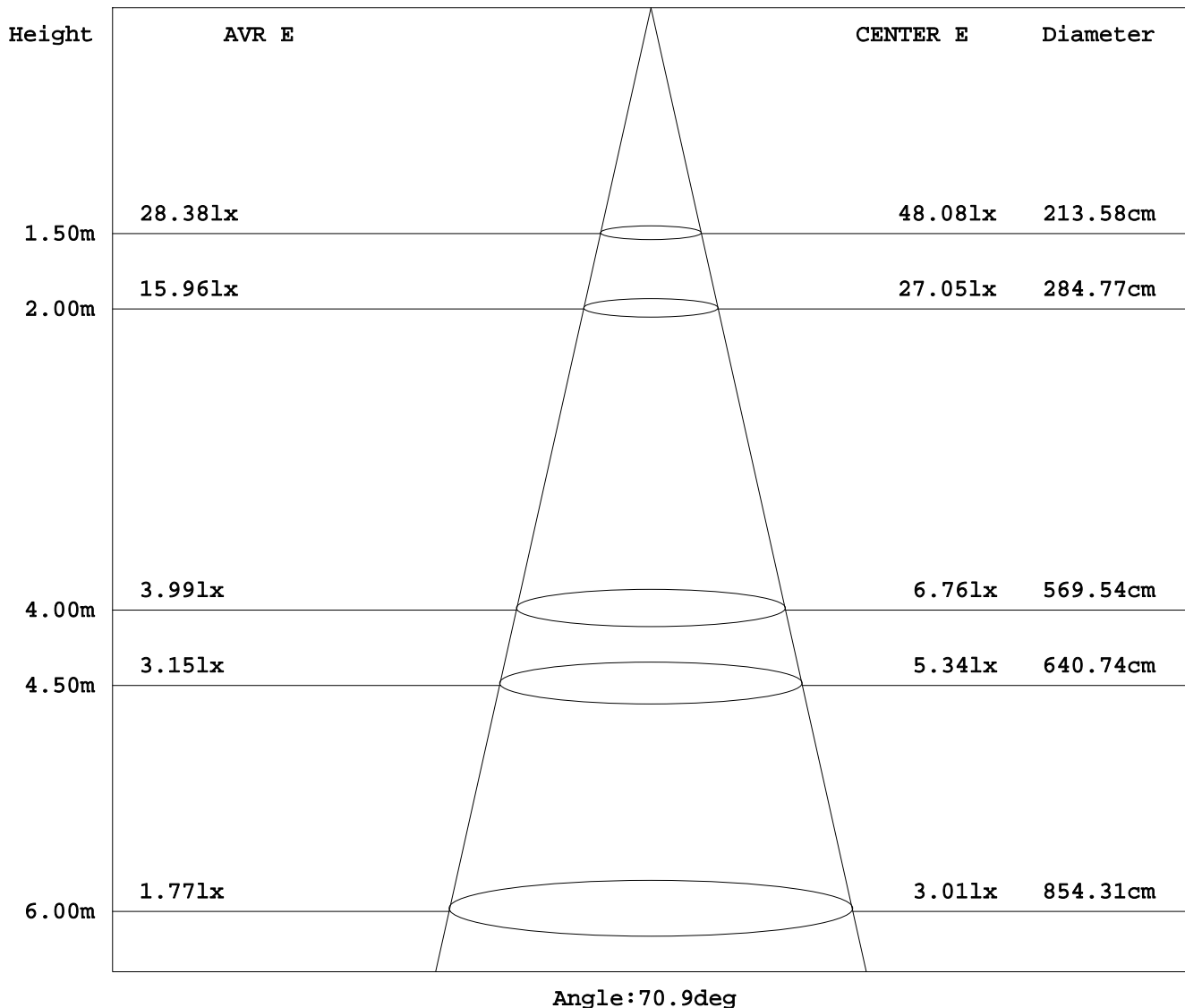
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-21-2023

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: 07-21-2023

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	107.3	106.9	107.6	106.9					0- 5	2.571	2.571
10.0	105.3	105.0	106.0	105.1					5- 10	7.607	10.17
15.0	101.9	101.3	102.8	102.1					10- 15	12.31	22.49
20.0	95.87	96.00	97.29	97.48					15- 20	16.40	38.89
25.0	86.00	88.57	88.18	91.50					20- 25	19.45	58.35
30.0	70.78	78.55	73.55	84.15					25- 30	20.94	79.29
35.0	52.70	67.36	57.20	74.57					30- 35	20.58	99.88
40.0	35.42	54.31	41.01	63.66					35- 40	18.57	118.4
45.0	20.28	40.98	23.20	49.44					40- 45	14.96	133.4
50.0	8.949	18.81	11.31	30.63					45- 50	9.933	143.3
55.0	4.486	7.616	5.770	14.03					50- 55	5.157	148.5
60.0	1.715	1.523	2.573	4.735					55- 60	2.349	150.8
65.0	1.445	0.510	1.684	1.498					60- 65	0.881	151.7
70.0	0.699	0.367	0.951	0.517					65- 70	0.466	152.2
75.0	0.267	0.256	0.581	0.347					70- 75	0.249	152.4
80.0	0.139	0.164	0.521	0.201					75- 80	0.164	152.6
85.0	0.076	0.104	0.434	0.105					80- 85	0.117	152.7
90.0	0.040	0.081	0.356	0.055					85- 90	0.084	152.8
95.0	0.028	0.081	0.301	0.041					90- 95	0.067	152.8
100.0	0.031	0.078	0.201	0.038					95-100	0.056	152.9
105.0	0.028	0.085	0.025	0.037					100-105	0.030	152.9
110.0	0.037	0.103	0.032	0.042					105-110	0.025	152.9
115.0	0.048	0.134	0.041	0.056					110-115	0.031	153.0
120.0	0.076	0.191	0.077	0.090					115-120	0.042	153.0
125.0	0.118	0.252	0.120	0.142					120-125	0.061	153.1
130.0	0.180	0.294	0.190	0.210					125-130	0.081	153.2
135.0	0.253	0.316	0.248	0.277					130-135	0.100	153.3
140.0	0.319	0.334	0.313	0.334					135-140	0.111	153.4
145.0	0.364	0.330	0.349	0.383					140-145	0.114	153.5
150.0	0.373	0.316	0.373	0.411					145-150	0.107	153.6
155.0	0.363	0.301	0.368	0.413					150-155	0.093	153.7
160.0	0.328	0.277	0.352	0.395					155-160	0.074	153.8
165.0	0.305	0.262	0.328	0.373					160-165	0.054	153.8
170.0	0.286	0.268	0.304	0.339					165-170	0.036	153.9
175.0	0.287	0.269	0.300	0.305					170-175	0.021	153.9
180.0	0.288	0.294	0.288	0.294					175-180	0.007	153.9
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-21-2023

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

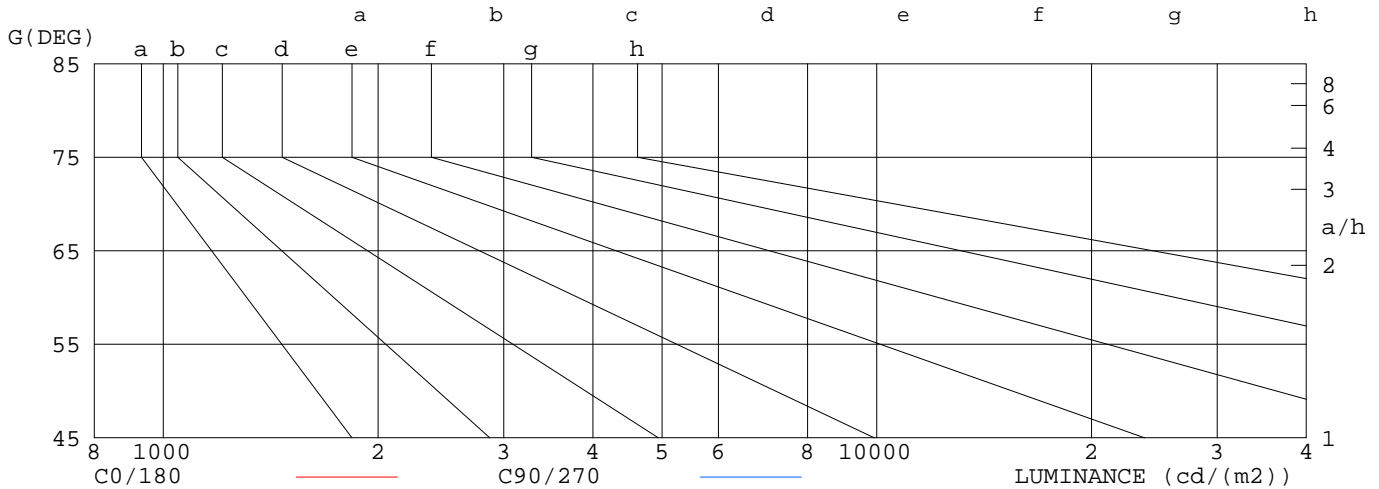
LUMINANCE LIMITATION CURVES

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	9	12
80	8	9
75	10	10
70	20	11
65	34	12
60	34	30
55	78	133
50	139	293
45	287	580

Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-21-2023

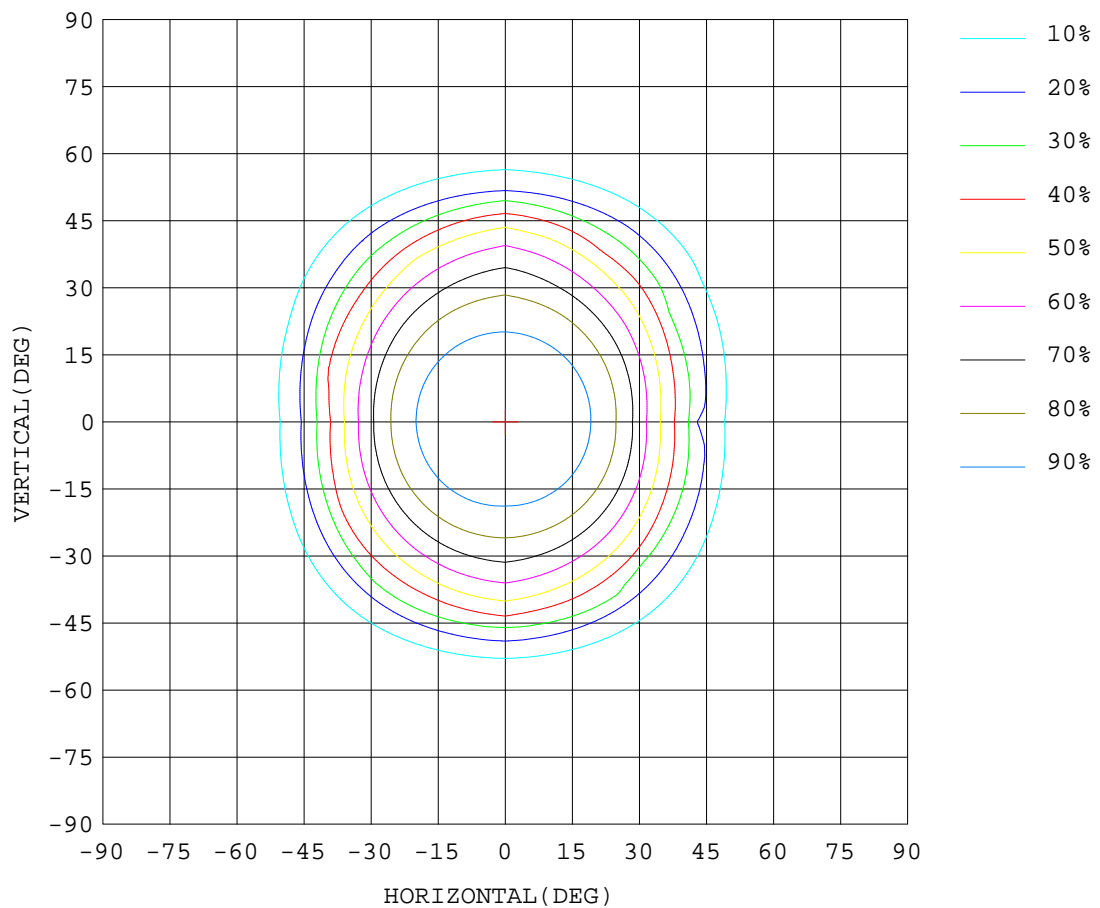
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



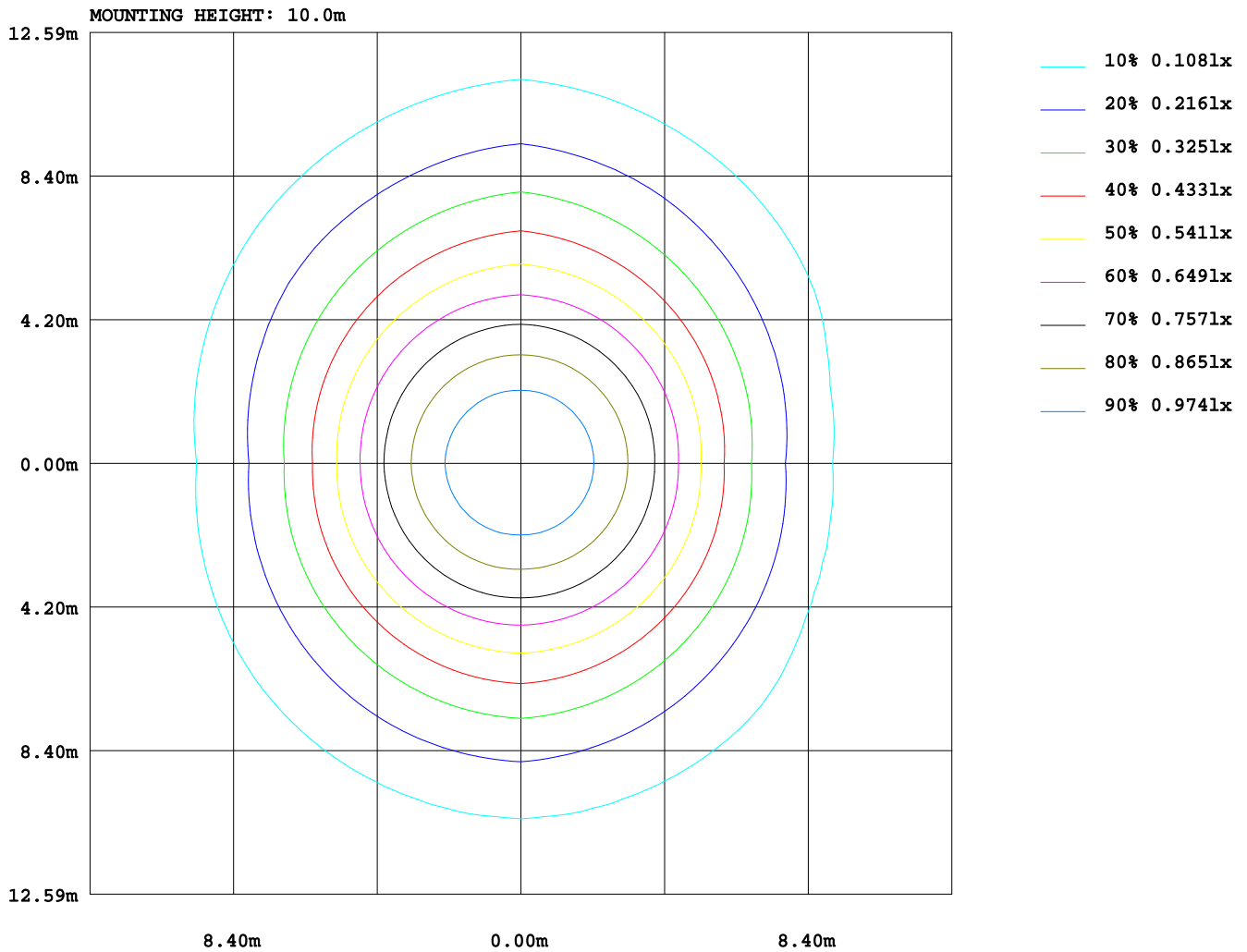
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-21-2023

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:07-21-2023

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	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.03
90	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.08
80	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.05	0.04	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.32	0.29
70	0.00	0.00	0.01	0.01	0.03	0.07	0.17	0.30	0.42	0.41	0.29	0.16	0.07	0.03	0.01	0.00	0.00	0.00	0.00	1.99	1.93
60	0.00	0.00	0.01	0.03	0.09	0.28	0.64	1.06	1.38	1.37	1.04	0.61	0.26	0.08	0.02	0.01	0.00	0.00	0.00	6.87	6.75
50	0.00	0.00	0.01	0.05	0.21	0.65	1.29	1.84	2.18	2.16	1.80	1.23	0.61	0.19	0.04	0.01	0.00	0.00	0.00	12.3	12.0
40	0.00	0.00	0.02	0.08	0.36	1.04	1.81	2.41	2.72	2.71	2.38	1.75	0.96	0.32	0.07	0.01	0.00	0.00	0.00	16.6	16.2
30	0.00	0.00	0.02	0.11	0.49	1.31	2.18	2.80	3.06	3.05	2.77	2.13	1.22	0.43	0.09	0.02	0.00	0.00	0.00	19.7	19.1
	0.00	0.01	0.02	0.11	0.55	1.43	2.38	2.98	3.22	3.21	2.95	2.32	1.33	0.46	0.09	0.02	0.00	0.00	0.00	21.1	20.5
	0.00	0.01	0.02	0.11	0.53	1.41	2.37	2.97	3.22	3.21	2.95	2.31	1.32	0.45	0.09	0.02	0.00	0.00	0.00	21.0	20.4
	0.00	0.00	0.02	0.09	0.45	1.27	2.14	2.77	3.04	3.03	2.75	2.09	1.17	0.39	0.08	0.02	0.00	0.00	0.00	19.3	18.8
-30	0.00	0.00	0.02	0.07	0.30	0.96	1.71	2.32	2.63	2.62	2.29	1.65	0.87	0.27	0.05	0.01	0.00	0.00	0.00	15.7	15.4
-40	0.00	0.00	0.01	0.04	0.16	0.53	1.13	1.66	1.97	1.95	1.62	1.07	0.48	0.14	0.03	0.01	0.00	0.00	0.00	10.8	10.6
-50	0.00	0.00	0.01	0.02	0.06	0.19	0.46	0.81	1.06	1.05	0.79	0.44	0.17	0.05	0.02	0.01	0.00	0.00	0.00	5.13	5.04
-60	0.00	0.00	0.01	0.01	0.02	0.04	0.09	0.17	0.23	0.23	0.16	0.09	0.04	0.02	0.01	0.00	0.00	0.00	0.00	1.13	1.07
-70	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.20	0.16
-80	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.07
-90	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.03
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90
Φ t	0.02	0.07	0.20	0.77	3.30	9.27	16.4	22.2	25.2	25.1	21.9	15.9	8.56	2.84	0.61	0.14	0.03	0.00	0.00	154	
Φ a	0.00	0.00	0.00	0.00	2.20	9.27	16.4	22.2	25.2	25.1	21.9	15.9	8.56	1.90	0.00	0.00	0.00	0.00	0.00		133

Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-21-2023

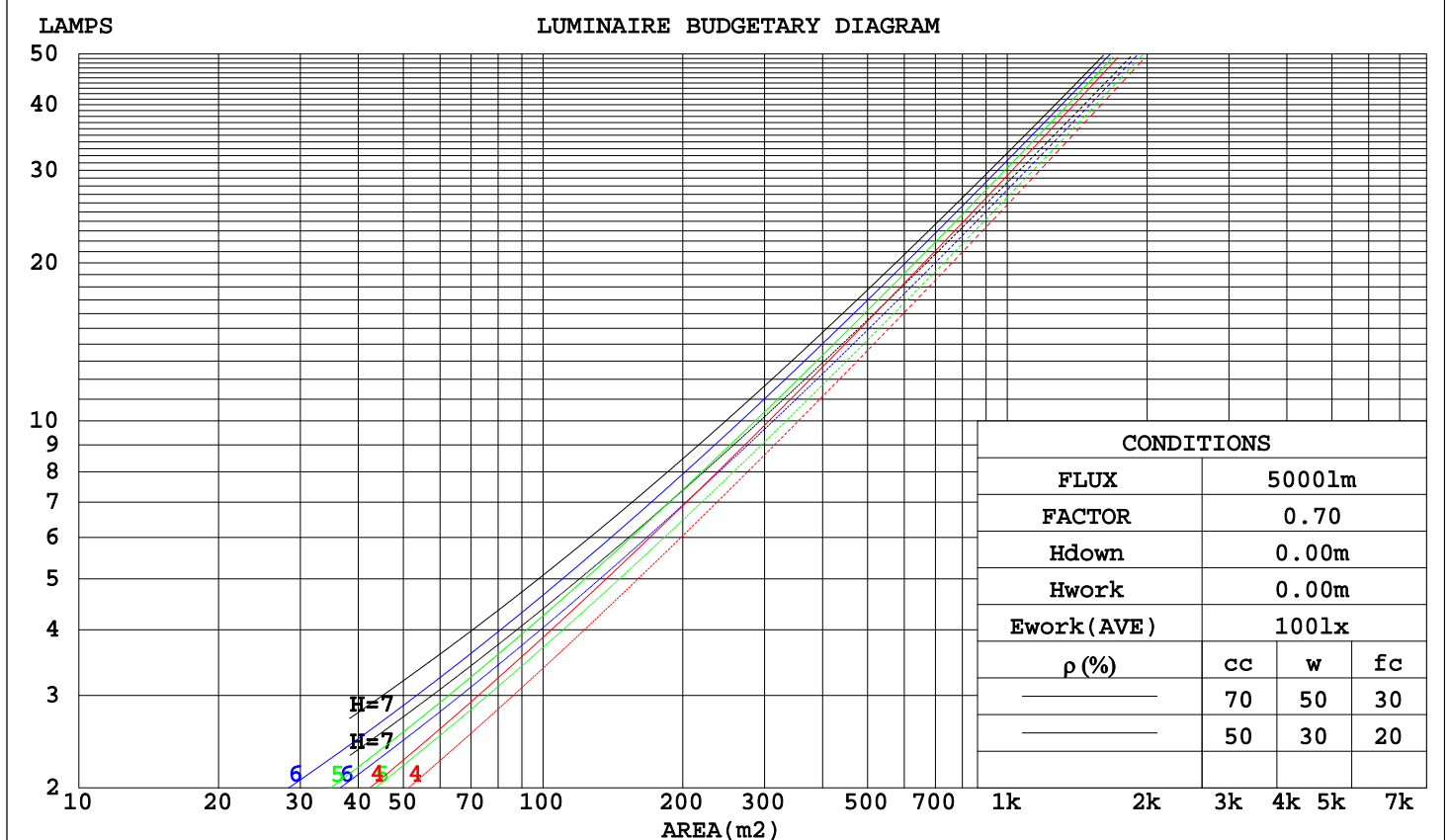
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

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:07-21-2023

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	.204	.116	.037	.197	.112	.036	.183	.105	.034	.171	.099	.032	.160	.093	.030	
2.0	.198	.108	.033	.192	.106	.033	.181	.100	.031	.170	.096	.030	.161	.091	.029	
3.0	.190	.101	.030	.185	.099	.030	.175	.095	.029	.166	.091	.028	.157	.087	.027	
4.0	.181	.094	.028	.177	.092	.027	.168	.089	.027	.160	.086	.026	.153	.083	.025	
5.0	.173	.088	.025	.169	.087	.025	.161	.084	.025	.154	.081	.024	.148	.079	.024	
6.0	.164	.082	.024	.161	.081	.023	.154	.079	.023	.148	.077	.023	.142	.075	.022	
7.0	.157	.077	.022	.153	.076	.022	.148	.075	.021	.142	.073	.021	.137	.071	.021	
8.0	.149	.073	.021	.147	.072	.020	.141	.071	.020	.136	.069	.020	.131	.067	.020	
9.0	.142	.069	.019	.140	.068	.019	.135	.067	.019	.131	.065	.019	.126	.064	.019	
10.0	.136	.065	.018	.134	.065	.018	.129	.063	.018	.125	.062	.018	.121	.061	.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	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.179	.163	.148	.153	.140	.128	.104	.096	.088	.060	.056	.051	.019	.018	.017	
2.0	.165	.138	.115	.142	.119	.099	.097	.082	.069	.056	.048	.041	.018	.015	.013	
3.0	.155	.119	.091	.133	.103	.079	.091	.072	.055	.053	.042	.033	.017	.014	.011	
4.0	.146	.105	.074	.125	.091	.064	.086	.063	.045	.050	.037	.027	.016	.012	.009	
5.0	.138	.094	.061	.119	.081	.053	.082	.057	.038	.047	.033	.022	.015	.011	.007	
6.0	.131	.085	.052	.113	.074	.045	.078	.052	.032	.045	.030	.019	.015	.010	.006	
7.0	.125	.078	.045	.108	.067	.039	.074	.047	.028	.043	.028	.016	.014	.009	.005	
8.0	.120	.072	.039	.103	.062	.034	.071	.044	.024	.041	.026	.014	.013	.008	.005	
9.0	.115	.067	.035	.099	.058	.030	.068	.041	.021	.040	.024	.013	.013	.008	.004	
10.0	.110	.063	.031	.095	.054	.027	.066	.038	.019	.038	.023	.012	.012	.007	.004	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-21-2023

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	4.5	5.6	4.7	5.8	6.0	5.9	7.1	6.2	7.2	7.4	
	3H	4.3	5.4	4.6	5.6	5.8	5.7	6.8	6.0	7.0	
	4H	4.2	5.2	4.5	5.5	5.7	5.7	6.6	6.0	6.9	
	6H	4.2	5.1	4.5	5.3	5.6	5.6	6.5	5.9	6.7	
	8H	4.1	5.0	4.4	5.2	5.5	5.5	6.4	5.8	6.7	
	12H	4.1	4.9	4.4	5.2	5.5	5.5	6.3	5.8	6.6	
4H 2H	4.3	5.2	4.6	5.5	5.7	5.7	6.6	6.0	6.9	7.1	
	3H	4.1	4.9	4.5	5.2	5.5	5.5	6.3	5.8	6.6	
	4H	4.0	4.8	4.4	5.1	5.4	5.4	6.1	5.8	6.5	
	6H	3.9	4.6	4.3	4.9	5.3	5.3	6.0	5.7	6.3	
	8H	3.9	4.5	4.3	4.9	5.2	5.3	5.9	5.7	6.2	
	12H	3.8	4.4	4.3	4.8	5.2	5.2	5.8	5.6	6.2	
8H 4H	3.9	4.5	4.3	4.9	5.2	5.3	5.9	5.7	6.2	6.6	
	6H	3.8	4.3	4.2	4.7	5.1	5.2	5.7	5.6	6.1	
	8H	3.7	4.2	4.2	4.6	5.1	5.1	5.6	5.6	6.0	
	12H	3.7	4.1	4.2	4.5	5.0	5.1	5.4	5.6	5.9	
12H 4H	3.8	4.4	4.3	4.8	5.2	5.2	5.8	5.6	6.2	6.6	
	6H	3.7	4.2	4.2	4.6	5.1	5.1	5.6	5.6	6.0	
	8H	3.7	4.1	4.2	4.5	5.0	5.1	5.4	5.6	5.9	
Variations with the observer position at spacings:											
S = 1.0H	+ 2.6 / - 8.2					+ 2.5 / -10.3					
1.5H	+ 3.3 / - 5.3					+ 3.0 / - 5.8					
2.0H	+ 5.3 / - 7.9					+ 7.1 / -12.4					

CIE Pub.117 Corrected 153.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -6.5)

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-21-2023

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	77	69	64	76	68	64	75	68	63	59
0.80	86	78	73	85	78	73	84	77	73	68
1.00	93	85	81	92	85	80	90	85	80	75
1.25	98	91	87	97	91	86	94	89	86	81
1.50	101	95	91	100	95	91	97	93	89	84
2.00	105	100	96	104	99	96	101	97	94	88
2.50	107	103	99	106	101	98	102	99	96	90
3.00	109	105	102	108	104	101	104	101	99	92
4.00	112	108	106	110	107	104	106	103	101	94
5.00	113	110	108	111	108	106	107	105	103	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

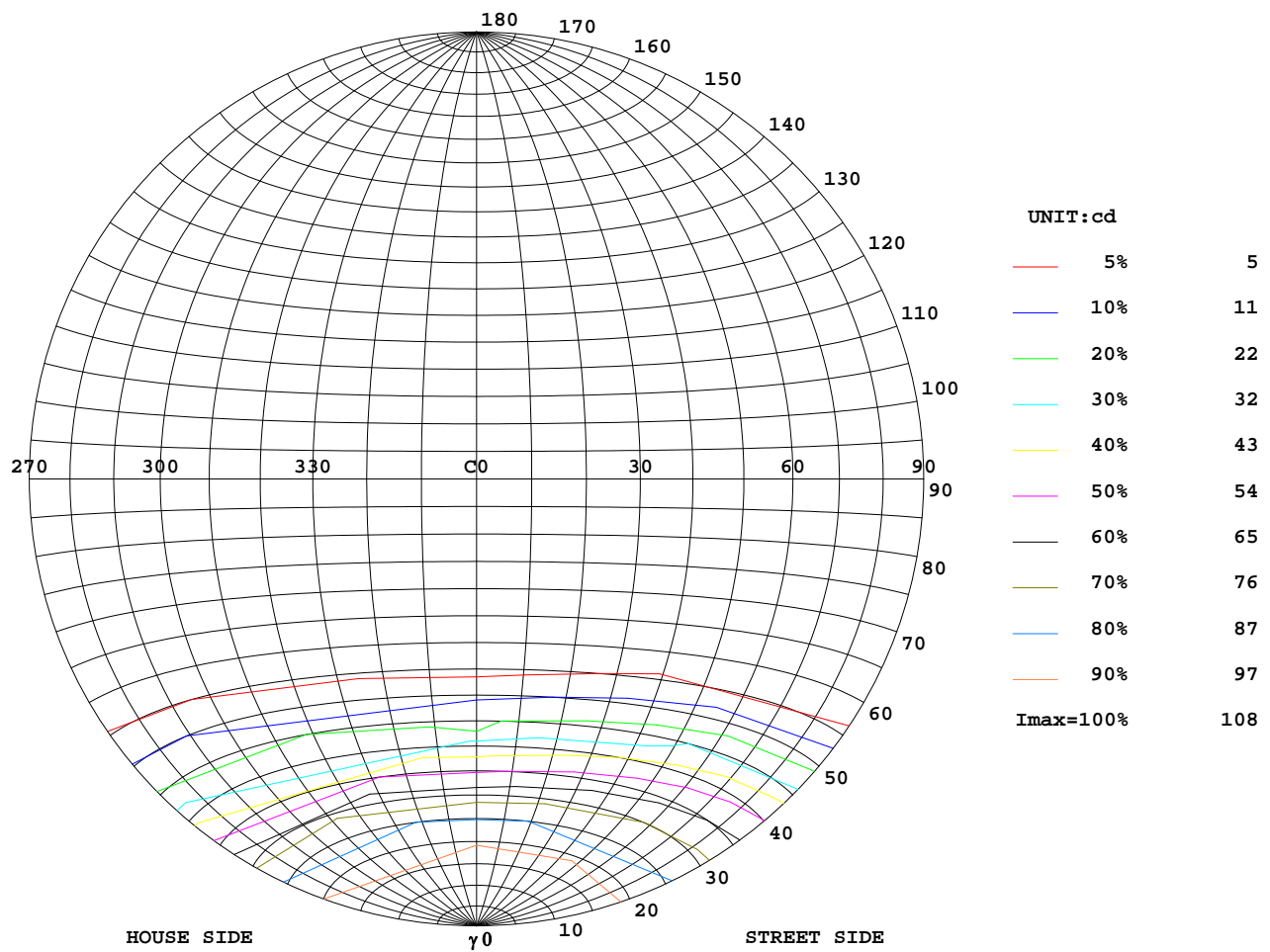
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-21-2023

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:07-21-2023

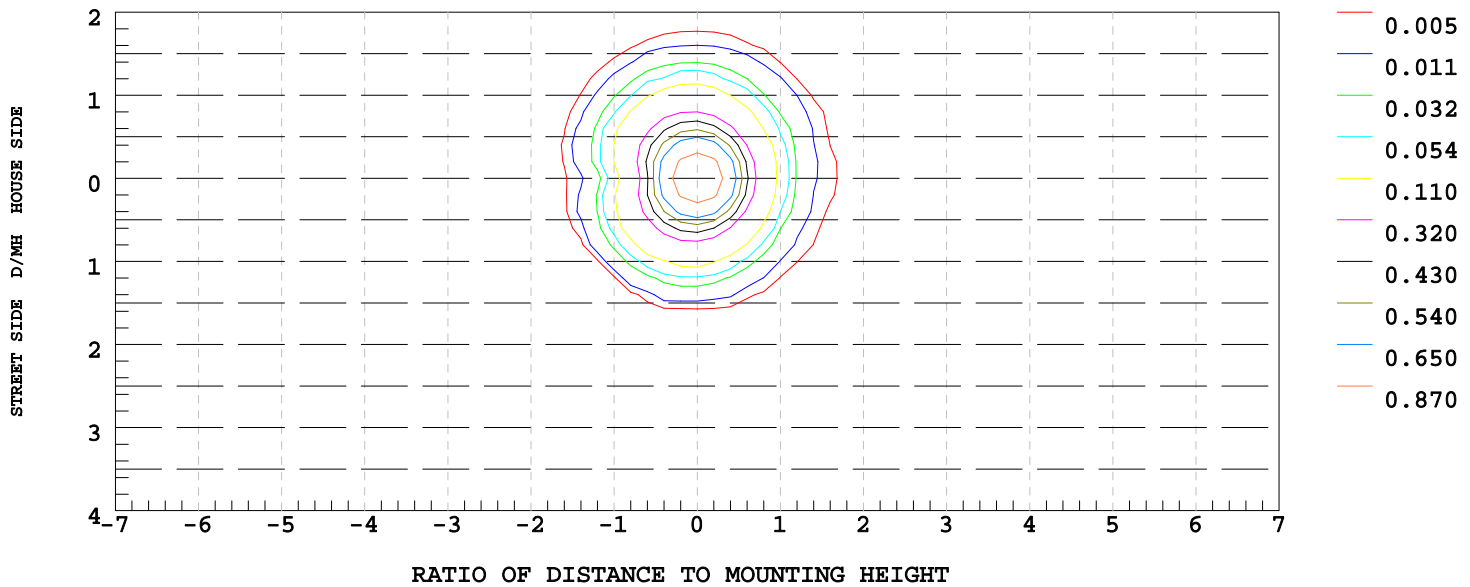
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 1.08 lx



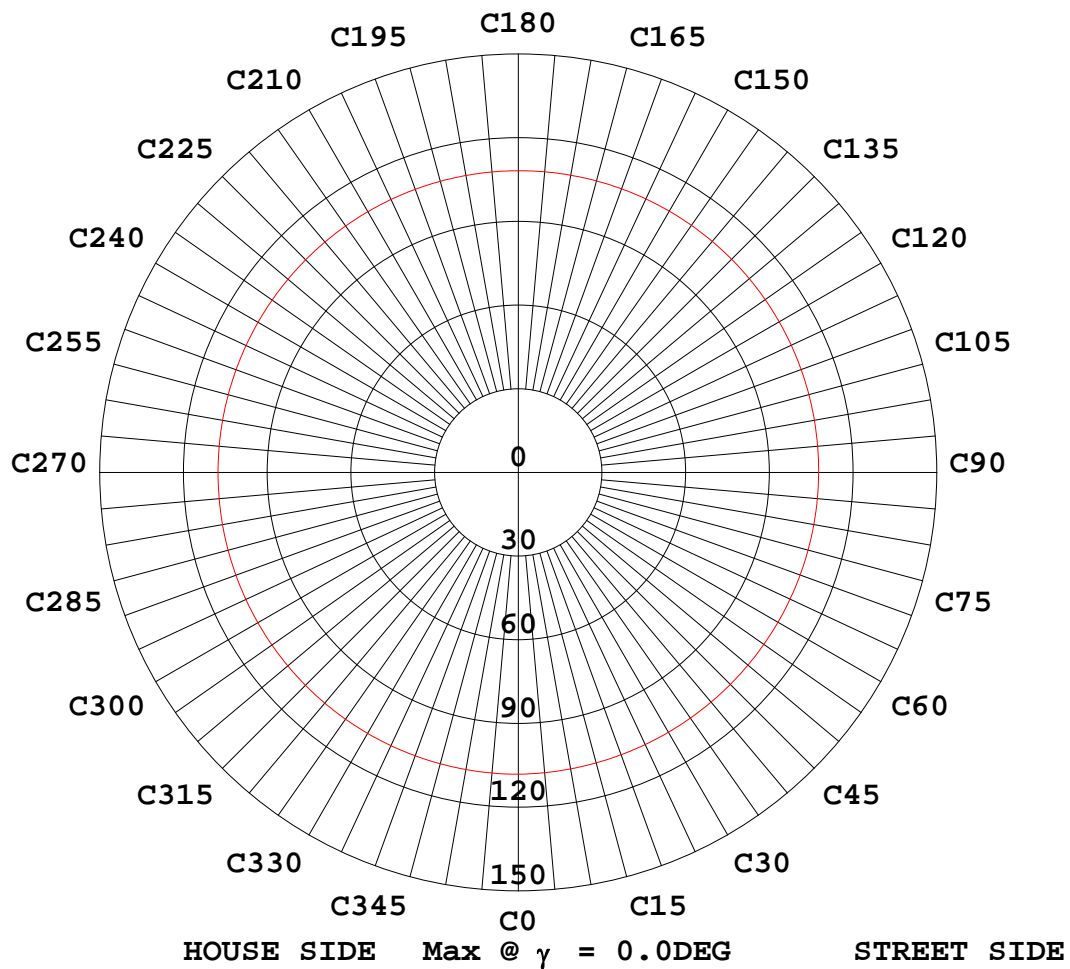
Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:07-21-2023

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:07-21-2023

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	108	108	108	108
5.0	107	107	108	107
10.0	105	105	106	105
15.0	102	101	103	102
20.0	95.8	96.0	97.2	97.4
25.0	86.0	88.5	88.1	91.5
30.0	70.7	78.5	73.5	84.1
35.0	52.7	67.3	57.2	74.5
40.0	35.4	54.3	41.0	63.6
45.0	20.2	40.9	23.2	49.4
50.0	8.94	18.8	11.3	30.6
55.0	4.48	7.61	5.77	14.0
60.0	1.71	1.52	2.57	4.73
65.0	1.44	0.51	1.68	1.49
70.0	0.70	0.37	0.95	0.52
75.0	0.27	0.26	0.58	0.35
80.0	0.14	0.16	0.52	0.20
85.0	0.08	0.10	0.43	0.10
90.0	0.04	0.08	0.36	0.05
95.0	0.03	0.08	0.30	0.04
100.0	0.03	0.08	0.20	0.04
105.0	0.03	0.09	0.03	0.04
110.0	0.04	0.10	0.03	0.04
115.0	0.05	0.13	0.04	0.06
120.0	0.08	0.19	0.08	0.09
125.0	0.12	0.25	0.12	0.14
130.0	0.18	0.29	0.19	0.21
135.0	0.25	0.32	0.25	0.28
140.0	0.32	0.33	0.31	0.33
145.0	0.36	0.33	0.35	0.38
150.0	0.37	0.32	0.37	0.41
155.0	0.36	0.30	0.37	0.41
160.0	0.33	0.28	0.35	0.40
165.0	0.31	0.26	0.33	0.37
170.0	0.29	0.27	0.30	0.34
175.0	0.29	0.27	0.30	0.31
180.0	0.29	0.29	0.29	0.29

Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:07-21-2023

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