

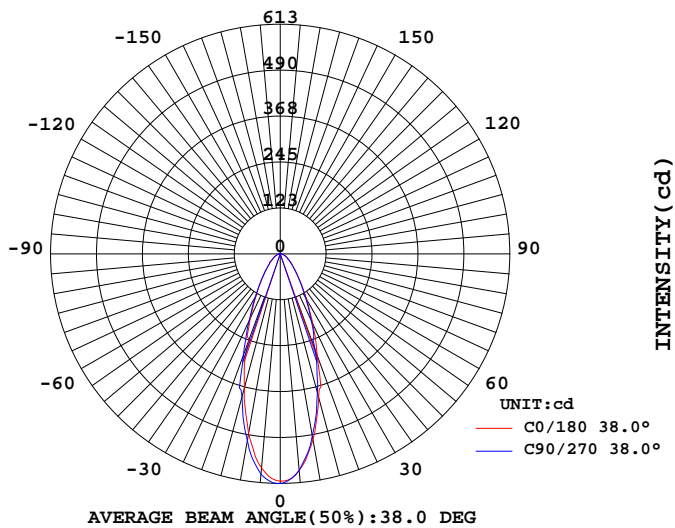
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

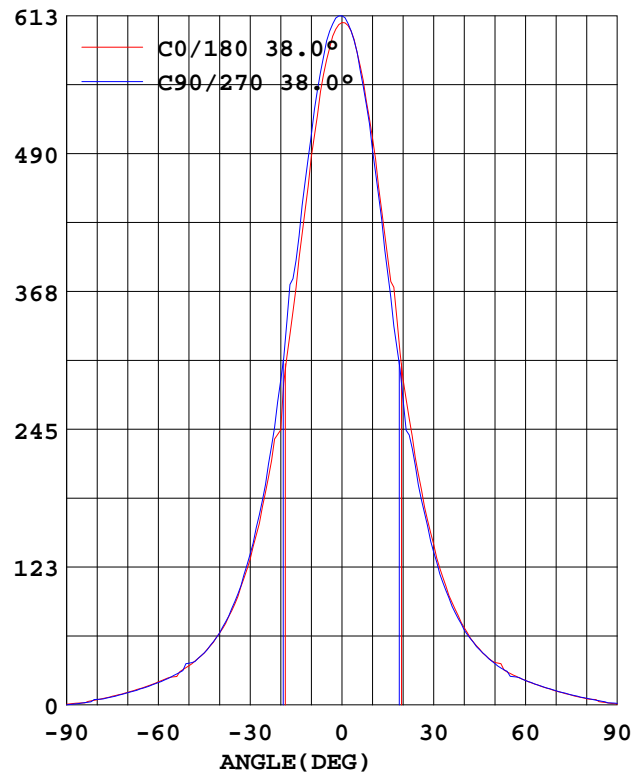
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	612.6	S/MH(C0/180)	0.59
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.64
NOMINAL POWER(W)	5	TOTAL FLUX(lm)	402.0	Voltage(V)	11.76
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	87.0	Current(A)	0.469
NOMINAL FLUX(lm)	402.0	η up(%)	0.7	Power(W)	4.620
LAMPS QUANTITY	1	η down(%)	99.3	Power Factor(PF)	0.837
TEST VOLTAGE(V)	11.8	Effective Flux(lm)	330.4	EEI	0.144

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:06-12-2023

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.:

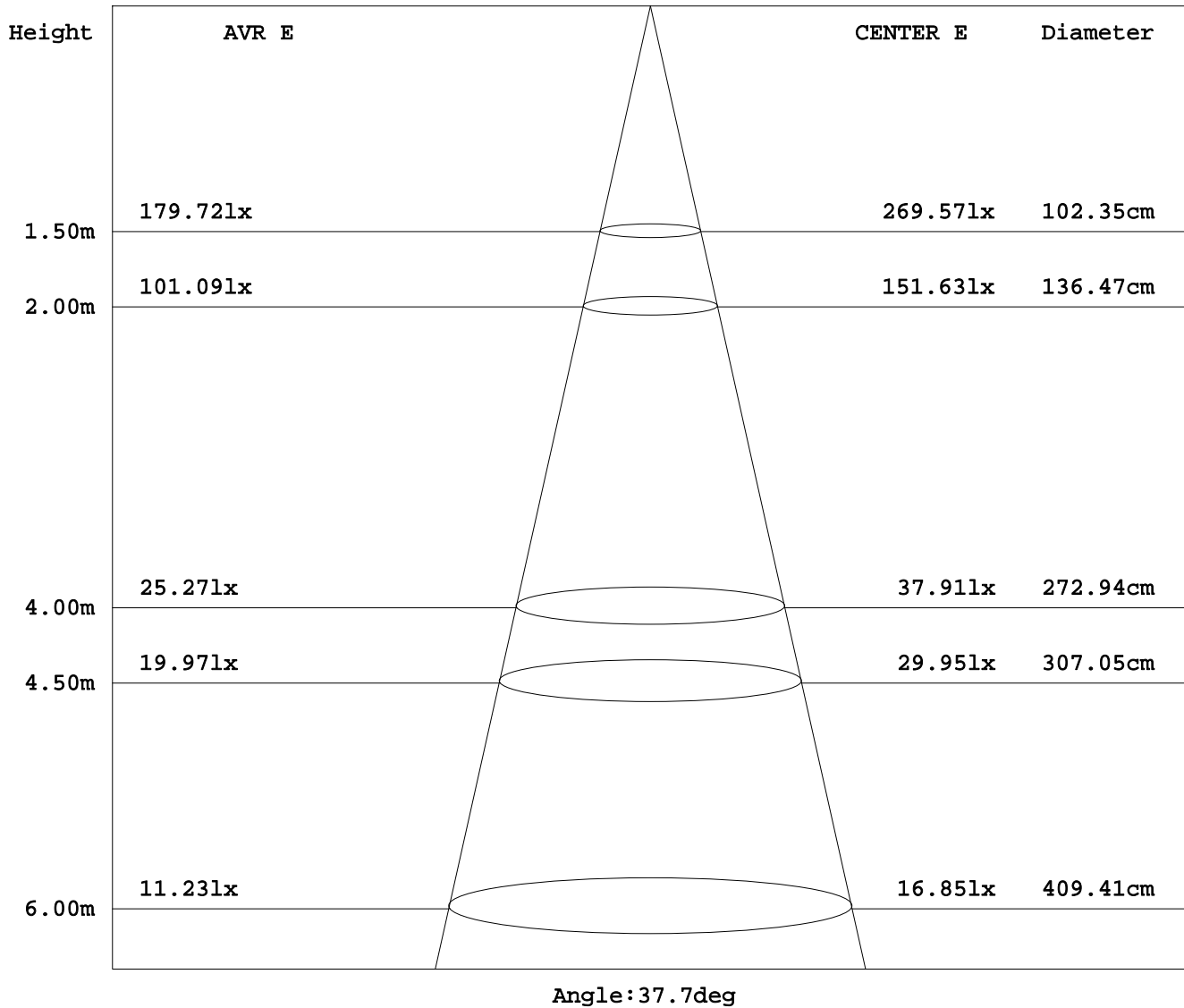
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:06-12-2023

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: 06-12-2023

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	573.4	590.1	579.5	579.9					0- 5	14.23	14.23
10.0	486.8	506.0	503.5	492.8					5- 10	38.50	52.73
15.0	370.7	395.0	397.4	383.5					10- 15	52.15	104.8
20.0	244.3	288.2	289.2	271.1					15- 20	54.91	159.8
25.0	188.9	195.6	205.2	195.5					20- 25	49.08	208.8
30.0	129.2	133.9	142.6	135.7					25- 30	41.38	250.2
35.0	89.84	91.98	97.29	95.17					30- 35	33.19	283.4
40.0	63.81	63.77	68.50	66.55					35- 40	26.19	309.6
45.0	46.18	46.30	49.59	49.02					40- 45	20.76	330.4
50.0	34.78	37.10	37.66	36.84					45- 50	16.76	347.2
55.0	25.00	26.13	27.88	25.38					50- 55	13.69	360.8
60.0	20.50	19.77	21.80	21.76					55- 60	10.93	371.8
65.0	15.35	14.91	16.58	16.86					60- 65	8.917	380.7
70.0	11.23	10.84	12.36	12.52					65- 70	6.974	387.7
75.0	7.705	7.196	8.747	8.937					70- 75	5.167	392.8
80.0	4.583	4.951	5.518	5.863					75- 80	3.523	396.4
85.0	1.711	1.621	2.559	3.209					80- 85	2.038	398.4
90.0	0.670	0.091	0.715	1.416					85- 90	0.786	399.2
95.0	0.118	0.060	0.048	0.216					90- 95	0.173	399.4
100.0	0.121	0.083	0.067	0.111					95-100	0.051	399.4
105.0	0.135	0.114	0.096	0.124					100-105	0.057	399.5
110.0	0.162	0.150	0.131	0.141					105-110	0.068	399.5
115.0	0.193	0.191	0.169	0.175					110-115	0.082	399.6
120.0	0.231	0.236	0.216	0.210					115-120	0.098	399.7
125.0	0.289	0.298	0.276	0.262					120-125	0.116	399.8
130.0	0.366	0.381	0.359	0.324					125-130	0.138	400.0
135.0	0.470	0.498	0.468	0.428					130-135	0.165	400.1
140.0	0.622	0.639	0.615	0.572					135-140	0.198	400.3
145.0	0.802	0.824	0.810	0.754					140-145	0.234	400.6
150.0	1.017	1.038	1.031	1.001					145-150	0.267	400.8
155.0	1.231	1.223	1.250	1.250					150-155	0.286	401.1
160.0	1.376	1.334	1.413	1.438					155-160	0.277	401.4
165.0	1.391	1.331	1.435	1.516					160-165	0.233	401.6
170.0	1.292	1.222	1.346	1.437					165-170	0.164	401.8
175.0	1.168	1.078	1.231	1.270					170-175	0.090	401.9
180.0	1.086	1.093	1.086	1.088					175-180	0.027	401.9
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

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

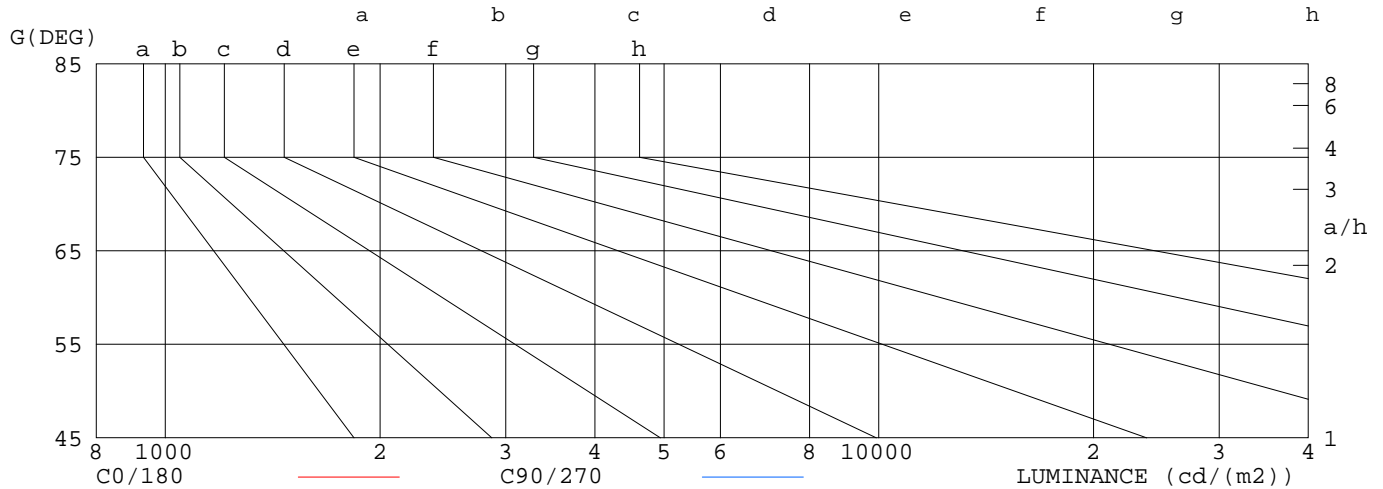
LUMINANCE LIMITATION CURVES

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	196	186
80	264	285
75	298	278
70	329	317
65	363	353
60	410	396
55	436	456
50	541	577
45	653	655

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

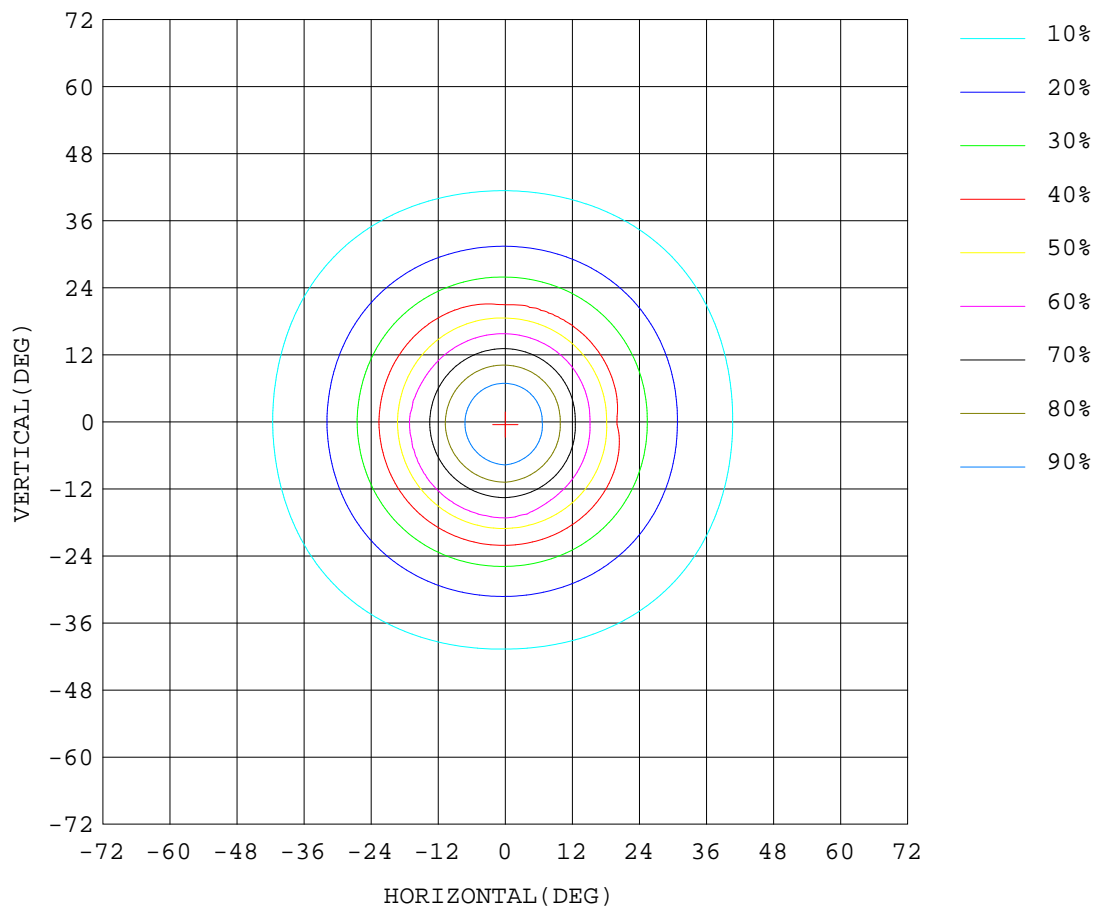
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



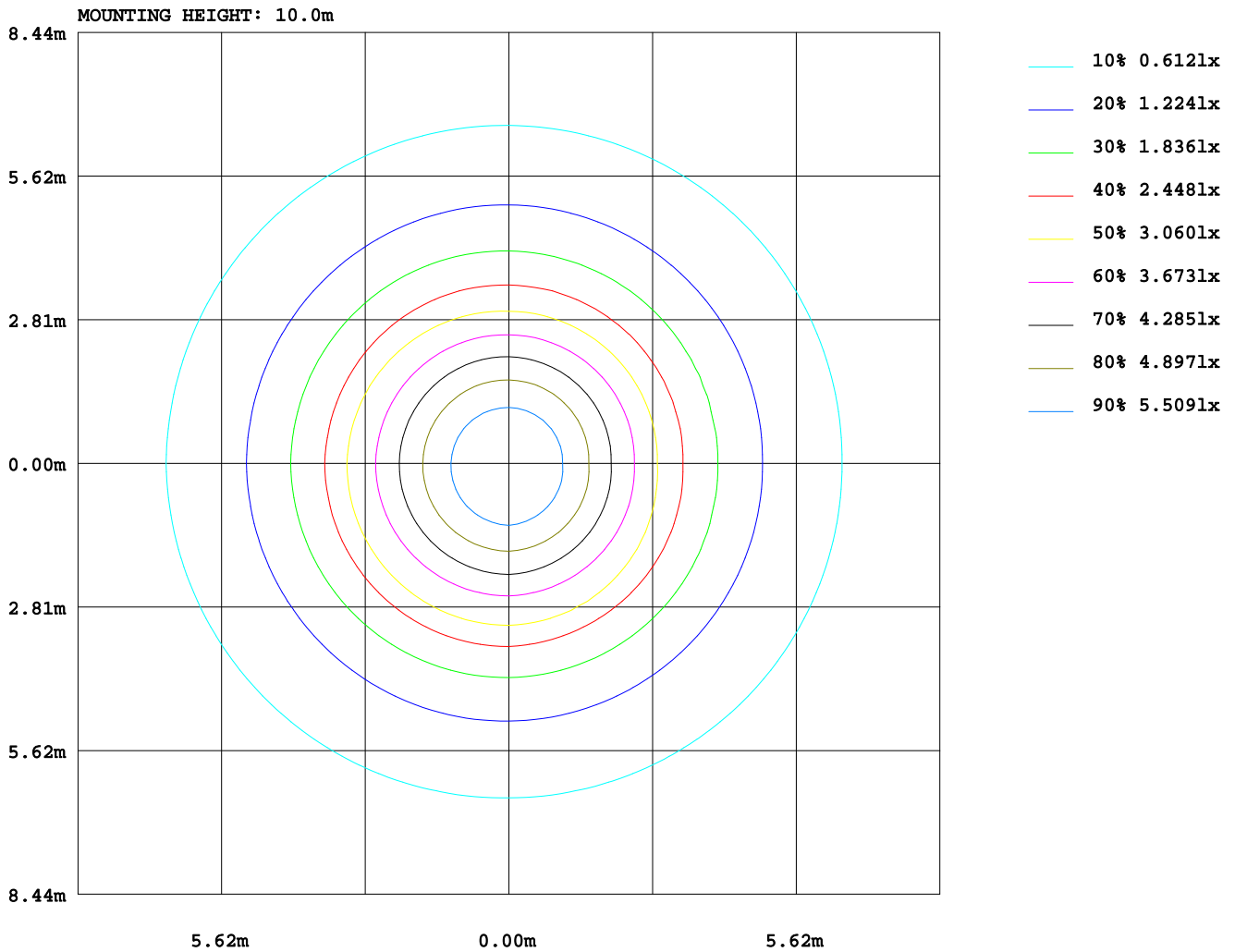
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:06-12-2023

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:06-12-2023

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.:				

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.04	0.06	0.09	0.13	0.17	0.21	0.24	0.26	0.28	0.27	0.26	0.23	0.20	0.16	0.12	0.09	0.05	0.03	2.89	2.45		
64	0.05	0.08	0.13	0.19	0.25	0.31	0.36	0.40	0.42	0.42	0.40	0.36	0.30	0.24	0.18	0.12	0.08	0.04	4.31	3.69		
56	0.06	0.11	0.17	0.25	0.34	0.43	0.52	0.59	0.63	0.63	0.58	0.51	0.42	0.33	0.24	0.16	0.10	0.05	6.12	5.31		
48	0.07	0.13	0.22	0.32	0.46	0.62	0.79	0.93	1.01	1.00	0.92	0.77	0.60	0.43	0.31	0.21	0.12	0.06	8.98	7.96		
40	0.08	0.15	0.26	0.41	0.62	0.89	1.20	1.51	1.71	1.70	1.49	1.17	0.86	0.59	0.38	0.25	0.14	0.07	13.5	12.3		
32	0.09	0.18	0.30	0.52	0.81	1.28	1.91	2.59	3.04	3.01	2.53	1.85	1.23	0.78	0.48	0.29	0.16	0.08	21.1	19.7		
24	0.10	0.19	0.35	0.61	1.05	1.81	2.97	4.31	5.26	5.19	4.16	2.84	1.72	1.00	0.58	0.32	0.18	0.09	32.7	31.1		
VERTICAL (DEG)	0.10	0.21	0.39	0.69	1.28	2.39	4.22	6.63	8.44	8.34	6.33	3.95	2.24	1.20	0.65	0.35	0.19	0.09	47.7	45.9		
	0.10	0.21	0.41	0.74	1.43	2.79	5.22	8.41	10.8	10.7	8.07	4.75	2.58	1.32	0.70	0.37	0.20	0.09	59.1	57.2		
	0.10	0.21	0.41	0.74	1.43	2.79	5.25	8.46	10.9	10.9	8.12	4.78	2.58	1.32	0.70	0.37	0.20	0.09	59.4	57.6		
	0.10	0.20	0.39	0.68	1.27	2.38	4.25	6.81	8.65	8.56	6.51	3.99	2.23	1.19	0.65	0.35	0.19	0.09	48.5	46.8		
	0.09	0.19	0.35	0.60	1.03	1.80	2.96	4.38	5.51	5.44	4.24	2.83	1.70	0.99	0.57	0.32	0.18	0.09	33.3	31.7		
-24	0.09	0.17	0.30	0.51	0.80	1.26	1.89	2.56	3.02	2.99	2.50	1.82	1.20	0.77	0.48	0.28	0.16	0.08	20.9	19.5		
-32	0.08	0.15	0.25	0.40	0.61	0.86	1.17	1.47	1.66	1.65	1.45	1.14	0.84	0.59	0.38	0.24	0.14	0.07	13.1	11.9		
-40	0.07	0.13	0.21	0.31	0.45	0.61	0.76	0.89	0.97	0.96	0.88	0.75	0.59	0.43	0.30	0.20	0.12	0.06	8.68	7.70		
-48	0.05	0.10	0.16	0.24	0.33	0.41	0.51	0.58	0.62	0.62	0.57	0.49	0.40	0.32	0.23	0.16	0.09	0.05	5.93	5.15		
-56	0.04	0.08	0.12	0.18	0.23	0.29	0.33	0.37	0.39	0.39	0.37	0.33	0.28	0.22	0.17	0.11	0.07	0.04	4.00	3.42		
-64	0.03	0.06	0.08	0.12	0.15	0.19	0.21	0.23	0.24	0.24	0.23	0.21	0.18	0.15	0.11	0.08	0.05	0.03	2.58	2.18		
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	1.32	2.61	4.60	7.64	12.7	21.3	34.8	51.4	63.7	63.1	49.6	32.8	20.1	12.0	7.23	4.27	2.44	1.19	402			
Φ a	0.00	0.00	0.00	5.21	12.7	21.3	34.8	51.4	63.7	63.1	49.6	32.8	20.1	12.0	4.94	0.00	0.00	0.00		330		

Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

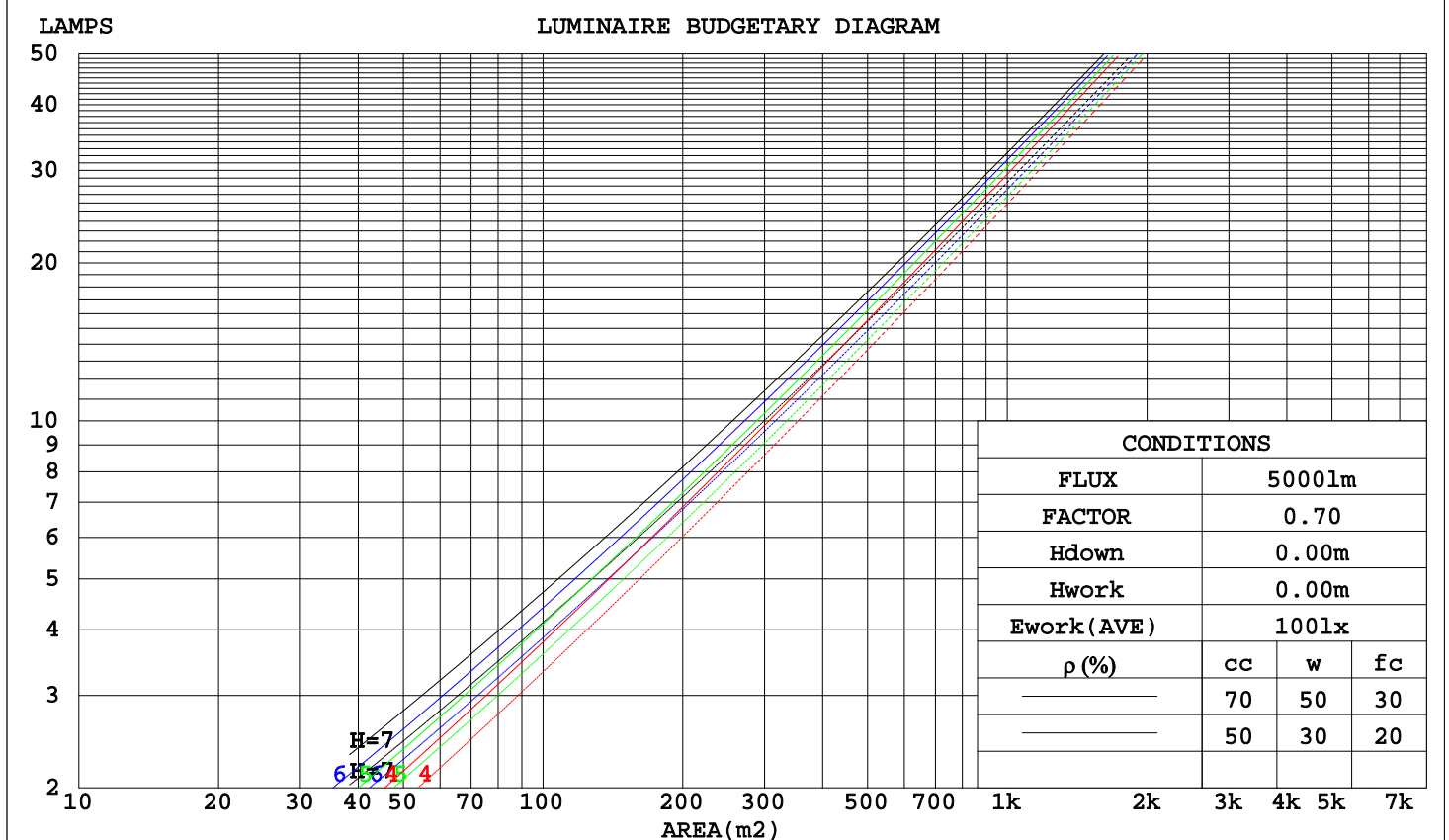
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

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:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

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	.212	.121	.038	.205	.117	.037	.192	.110	.035	.180	.104	.033	.169	.098	.031	
2.0	.200	.110	.034	.194	.107	.033	.183	.102	.032	.173	.097	.030	.163	.092	.029	
3.0	.188	.100	.030	.183	.098	.029	.173	.094	.028	.164	.090	.028	.156	.086	.027	
4.0	.176	.091	.027	.171	.090	.027	.163	.086	.026	.155	.083	.025	.148	.080	.024	
5.0	.165	.084	.024	.161	.083	.024	.154	.080	.024	.147	.078	.023	.141	.075	.023	
6.0	.156	.078	.022	.152	.077	.022	.146	.075	.022	.140	.072	.021	.134	.070	.021	
7.0	.147	.073	.021	.144	.072	.020	.138	.070	.020	.133	.068	.020	.128	.066	.019	
8.0	.139	.068	.019	.136	.067	.019	.131	.066	.019	.126	.064	.018	.122	.062	.018	
9.0	.132	.064	.018	.129	.063	.018	.125	.062	.017	.120	.060	.017	.116	.059	.017	
10.0	.125	.060	.017	.123	.060	.017	.119	.058	.016	.115	.057	.016	.111	.056	.016	

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	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.179	.162	.147	.153	.139	.127	.105	.096	.088	.060	.055	.051	.019	.018	.016	
2.0	.165	.138	.114	.142	.118	.099	.097	.082	.069	.056	.048	.040	.018	.015	.013	
3.0	.154	.119	.091	.132	.103	.079	.091	.071	.055	.052	.042	.033	.017	.014	.011	
4.0	.144	.105	.075	.124	.090	.065	.085	.063	.046	.049	.037	.027	.016	.012	.009	
5.0	.136	.093	.062	.116	.081	.054	.080	.056	.038	.046	.033	.023	.015	.011	.007	
6.0	.128	.084	.053	.110	.073	.046	.076	.051	.033	.044	.030	.019	.014	.010	.006	
7.0	.121	.077	.046	.104	.067	.040	.072	.047	.028	.042	.027	.017	.014	.009	.006	
8.0	.115	.071	.040	.099	.061	.035	.069	.043	.025	.040	.025	.015	.013	.008	.005	
9.0	.110	.065	.036	.094	.057	.031	.065	.040	.022	.038	.024	.013	.012	.008	.004	
10.0	.105	.061	.032	.090	.053	.028	.063	.037	.020	.036	.022	.012	.012	.007	.004	

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

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	7.5	8.6	7.8	8.8	9.0	7.5	8.6	7.8	8.8	8.9	
	3H	8.4	9.3	8.6	9.6	9.8	8.3	9.3	8.6	9.5	9.7
	4H	8.7	9.6	9.0	9.9	10.1	8.6	9.6	8.9	9.8	10.0
	6H	9.0	9.8	9.3	10.1	10.4	8.9	9.8	9.2	10.0	10.3
	8H	9.1	9.9	9.4	10.2	10.5	9.0	9.8	9.3	10.1	10.4
	12H	9.1	9.9	9.4	10.2	10.5	9.0	9.8	9.3	10.1	10.4
4H	2H	7.8	8.8	8.1	9.0	9.2	7.8	8.8	8.1	9.0	9.2
	3H	8.9	9.7	9.2	10.0	10.3	8.8	9.6	9.2	9.9	10.2
	4H	9.3	10.1	9.7	10.4	10.7	9.2	10.0	9.6	10.3	10.6
	6H	9.7	10.4	10.1	10.7	11.1	9.7	10.3	10.0	10.7	11.0
	8H	9.9	10.5	10.3	10.8	11.2	9.7	10.4	10.2	10.7	11.1
	12H	9.9	10.4	10.3	10.8	11.2	9.8	10.3	10.2	10.7	11.1
8H	4H	9.5	10.1	9.9	10.4	10.8	9.4	10.0	9.8	10.4	10.7
	6H	10.0	10.5	10.4	10.9	11.3	9.9	10.4	10.4	10.8	11.3
	8H	10.2	10.6	10.6	11.1	11.5	10.1	10.5	10.5	11.0	11.4
	12H	10.2	10.6	10.7	11.1	11.6	10.2	10.5	10.6	11.0	11.5
12H	4H	9.4	10.0	9.9	10.4	10.8	9.4	9.9	9.8	10.3	10.7
	6H	10.0	10.4	10.5	10.9	11.3	10.0	10.4	10.4	10.8	11.3
	8H	10.2	10.6	10.7	11.1	11.5	10.1	10.5	10.6	11.0	11.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.6					+ 0.5 / - 0.6					
1.5H	+ 0.5 / - 0.3					+ 0.5 / - 0.4					
2.0H	+ 0.8 / - 0.5					+ 0.7 / - 0.4					

CIE Pub.117 Corrected 401.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -3.2)

Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

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	77	69	64	76	69	64	60
0.80	86	78	73	85	78	73	83	77	72	68
1.00	92	84	79	91	84	79	89	84	78	73
1.25	97	90	85	95	89	85	93	88	84	78
1.50	100	94	89	99	93	89	96	91	87	82
2.00	104	98	94	102	97	93	99	95	92	86
2.50	106	101	97	105	100	96	101	97	94	88
3.00	109	104	100	107	103	99	103	100	97	90
4.00	111	107	104	109	106	103	105	102	100	92
5.00	113	110	107	110	108	105	106	104	102	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

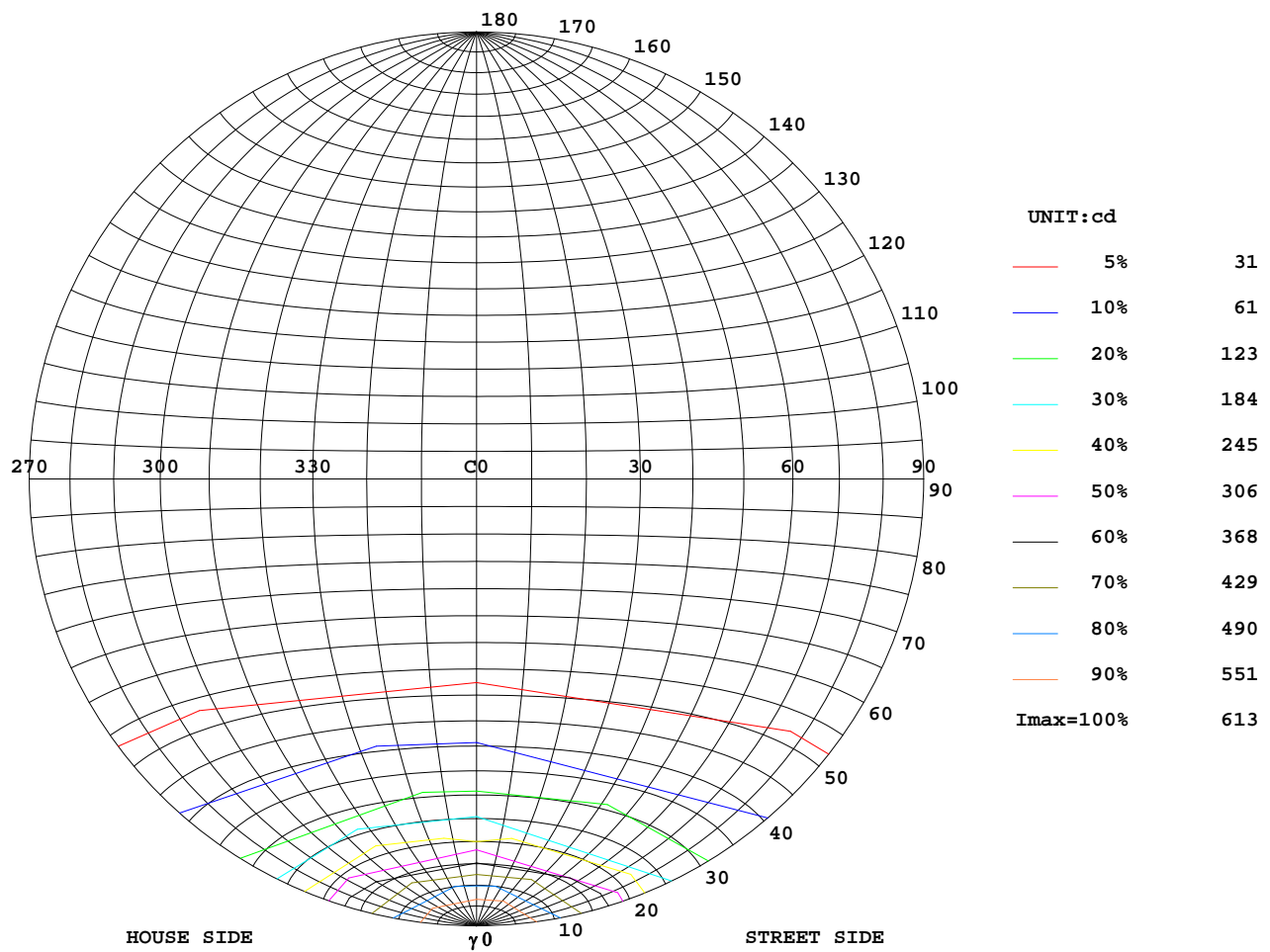
Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:06-12-2023

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:06-12-2023

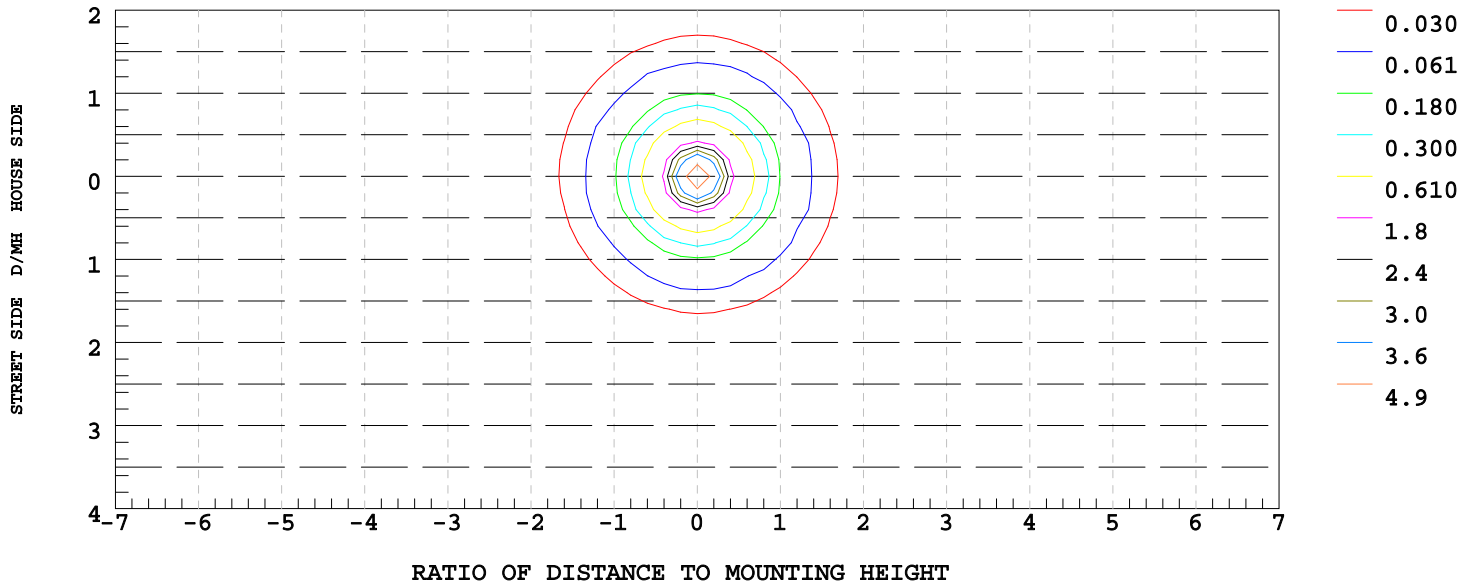
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 6.07 lx



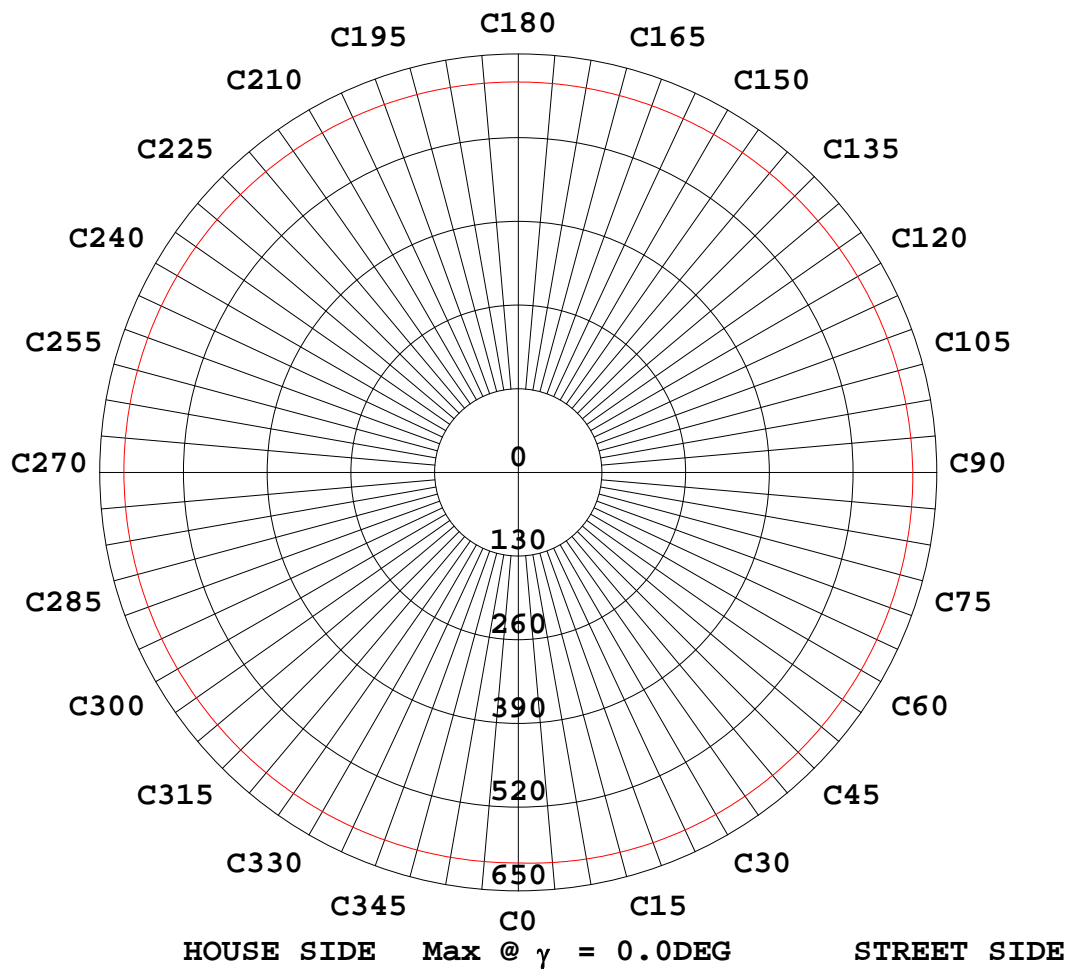
Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:06-12-2023

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:06-12-2023

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	607	613	607	613
5.0	573	590	580	580
10.0	487	506	504	493
15.0	371	395	397	384
20.0	244	288	289	271
25.0	189	196	205	196
30.0	129	134	143	136
35.0	89.8	91.9	97.2	95.1
40.0	63.8	63.7	68.5	66.5
45.0	46.1	46.3	49.5	49.0
50.0	34.7	37.1	37.6	36.8
55.0	25.0	26.1	27.8	25.3
60.0	20.5	19.7	21.8	21.7
65.0	15.3	14.9	16.5	16.8
70.0	11.2	10.8	12.3	12.5
75.0	7.70	7.19	8.74	8.93
80.0	4.58	4.95	5.51	5.86
85.0	1.71	1.62	2.55	3.20
90.0	0.67	0.09	0.71	1.41
95.0	0.12	0.06	0.05	0.22
100.0	0.12	0.08	0.07	0.11
105.0	0.14	0.11	0.10	0.12
110.0	0.16	0.15	0.13	0.14
115.0	0.19	0.19	0.17	0.17
120.0	0.23	0.24	0.22	0.21
125.0	0.29	0.30	0.28	0.26
130.0	0.37	0.38	0.36	0.32
135.0	0.47	0.50	0.47	0.43
140.0	0.62	0.64	0.62	0.57
145.0	0.80	0.82	0.81	0.75
150.0	1.01	1.03	1.03	1.00
155.0	1.23	1.22	1.25	1.25
160.0	1.37	1.33	1.41	1.43
165.0	1.39	1.33	1.43	1.51
170.0	1.29	1.22	1.34	1.43
175.0	1.16	1.07	1.23	1.27
180.0	1.08	1.09	1.08	1.08

Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:06-12-2023

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