

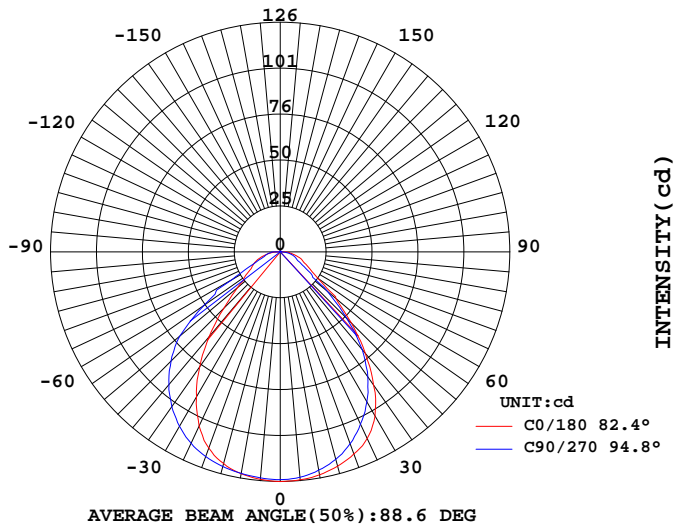
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

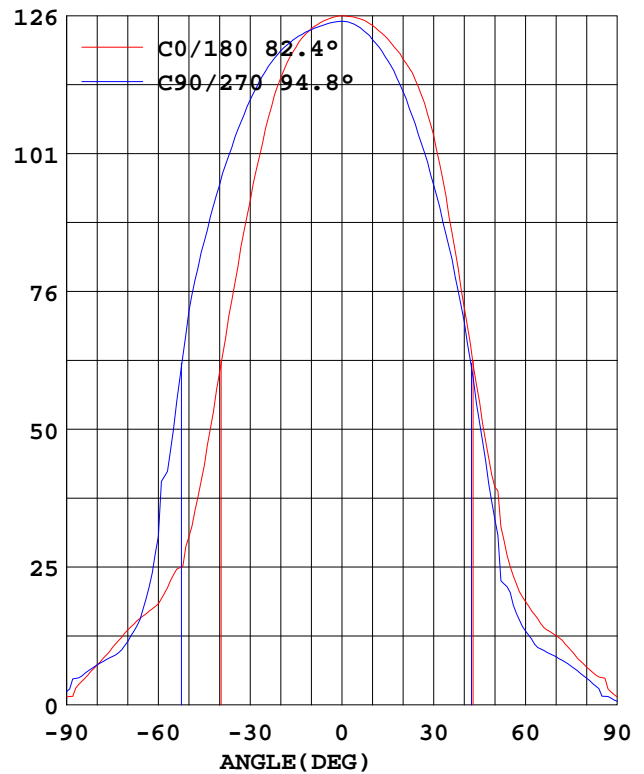
MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	125.9	S/MH(C0/180)	1.12
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	255.6	Voltage(V)	12.03
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	86.1	Current(A)	0.303
NOMINAL FLUX(lm)	255.6	η up(%)	1.1	Power(W)	2.970
LAMPS QUANTITY	1	η down(%)	98.9	Power Factor(PF)	0.811
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	175.8	EEI	0.146

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.:

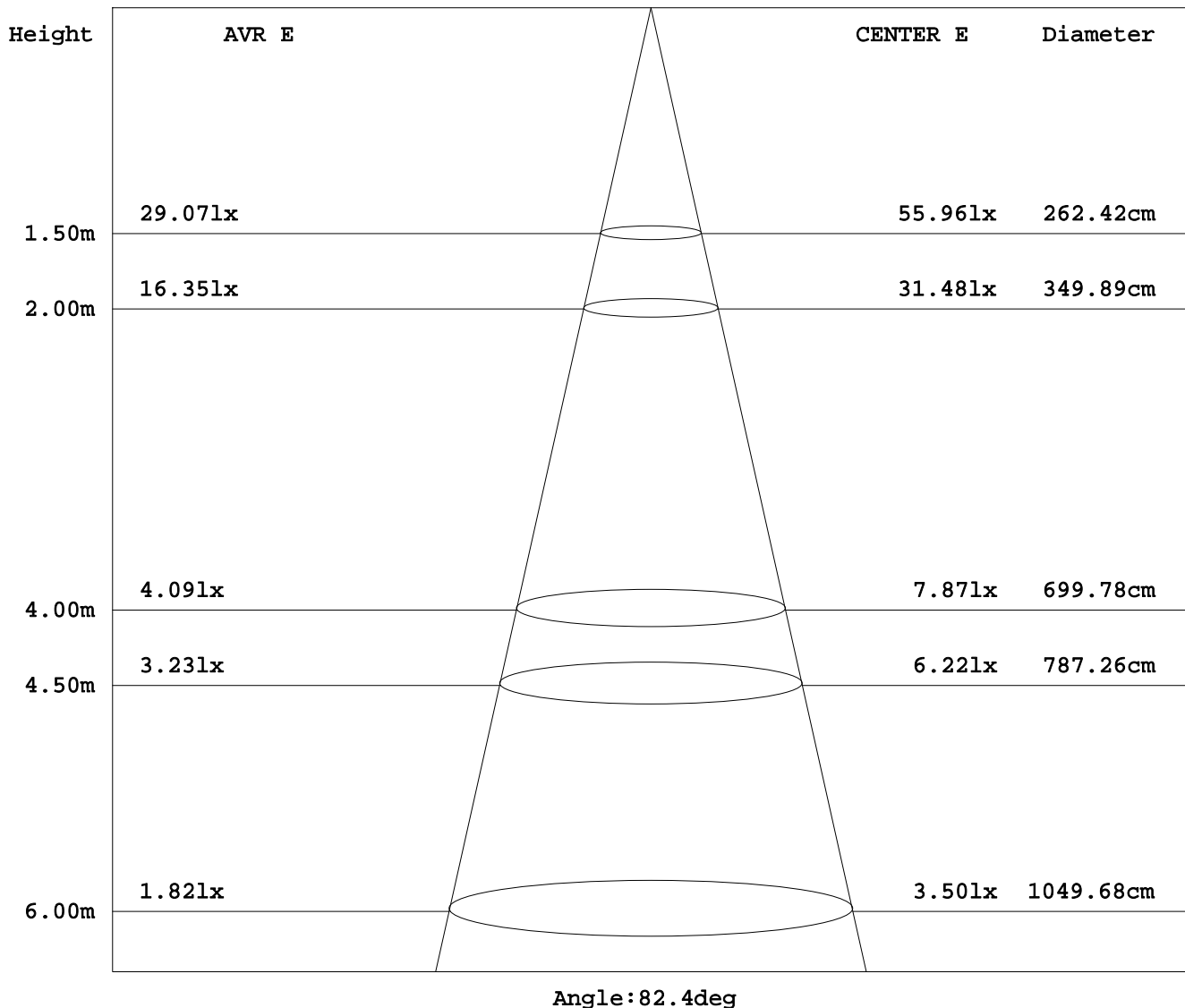
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-13-2023

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	125.1	124.3	125.4	124.0					0- 5	2.990	2.990
10.0	123.5	123.3	124.1	121.5					5- 10	8.869	11.86
15.0	120.1	121.8	121.6	117.7					10- 15	14.44	26.30
20.0	114.5	119.5	117.9	112.0					15- 20	19.49	45.79
25.0	105.2	115.7	112.9	104.1					20- 25	23.68	69.48
30.0	91.94	110.4	104.0	94.94					25- 30	26.58	96.06
35.0	77.02	103.7	89.27	83.74					30- 35	27.84	123.9
40.0	60.68	94.95	72.58	69.97					35- 40	27.19	151.0
45.0	43.74	84.69	55.26	51.50					40- 45	24.68	175.7
50.0	30.72	71.98	39.80	33.94					45- 50	20.66	196.4
55.0	23.77	50.47	25.27	20.53					50- 55	15.73	212.1
60.0	18.46	30.76	18.89	13.53					55- 60	11.71	223.8
65.0	16.22	17.47	14.83	10.20					60- 65	8.407	232.3
70.0	13.69	11.59	12.67	8.805					65- 70	6.610	238.9
75.0	10.47	8.843	9.893	7.022					70- 75	5.405	244.3
80.0	7.282	7.344	6.885	4.888					75- 80	4.178	248.4
85.0	4.322	5.269	4.986	1.602					80- 85	2.921	251.4
90.0	1.486	2.443	1.450	0.667					85- 90	1.526	252.9
95.0	0.972	0.239	0.071	0.497					90- 95	0.483	253.4
100.0	0.560	0.068	0.091	0.418					95-100	0.191	253.6
105.0	0.231	0.090	0.118	0.347					100-105	0.121	253.7
110.0	0.212	0.111	0.148	0.333					105-110	0.102	253.8
115.0	0.225	0.153	0.187	0.384					110-115	0.110	253.9
120.0	0.272	0.216	0.235	0.467					115-120	0.129	254.0
125.0	0.343	0.301	0.301	0.491					120-125	0.151	254.2
130.0	0.432	0.411	0.389	0.578					125-130	0.175	254.4
135.0	0.532	0.507	0.483	0.649					130-135	0.201	254.6
140.0	0.586	0.571	0.565	0.699					135-140	0.214	254.8
145.0	0.619	0.588	0.618	0.705					140-145	0.207	255.0
150.0	0.594	0.562	0.632	0.686					145-150	0.185	255.2
155.0	0.532	0.516	0.604	0.629					150-155	0.151	255.3
160.0	0.457	0.453	0.550	0.567					155-160	0.114	255.4
165.0	0.390	0.381	0.483	0.491					160-165	0.078	255.5
170.0	0.337	0.325	0.417	0.413					165-170	0.048	255.6
175.0	0.340	0.314	0.374	0.366					170-175	0.026	255.6
180.0	0.345	0.322	0.345	0.322					175-180	0.008	255.6
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:

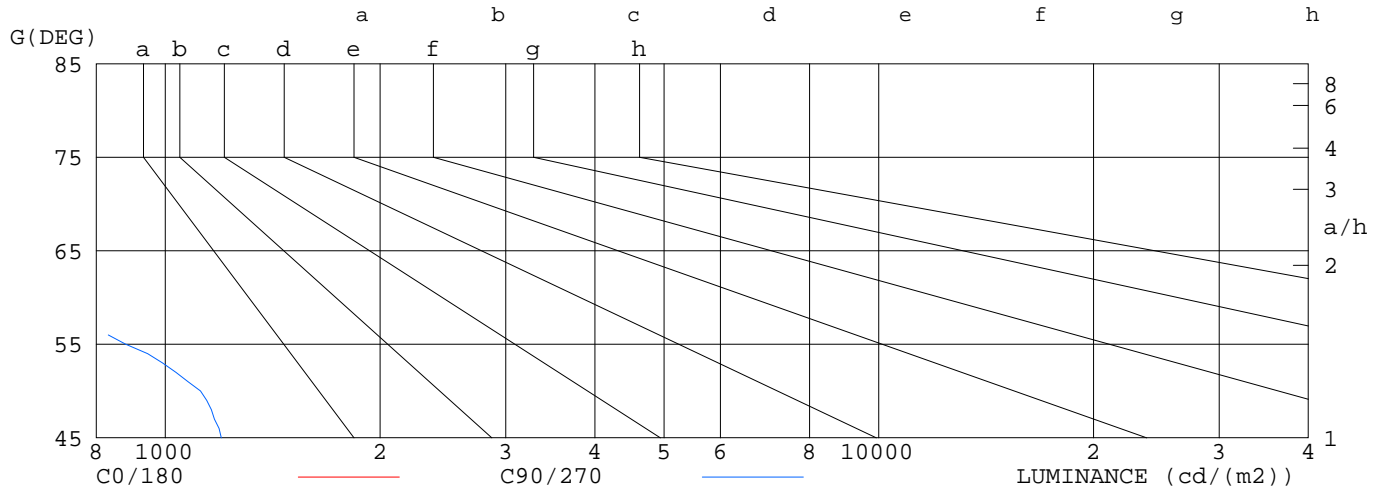
LUMINANCE LIMITATION CURVES

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	496	605
80	419	423
75	405	342
70	400	339
65	384	413
60	369	615
55	415	880
50	478	1120
45	619	1198

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

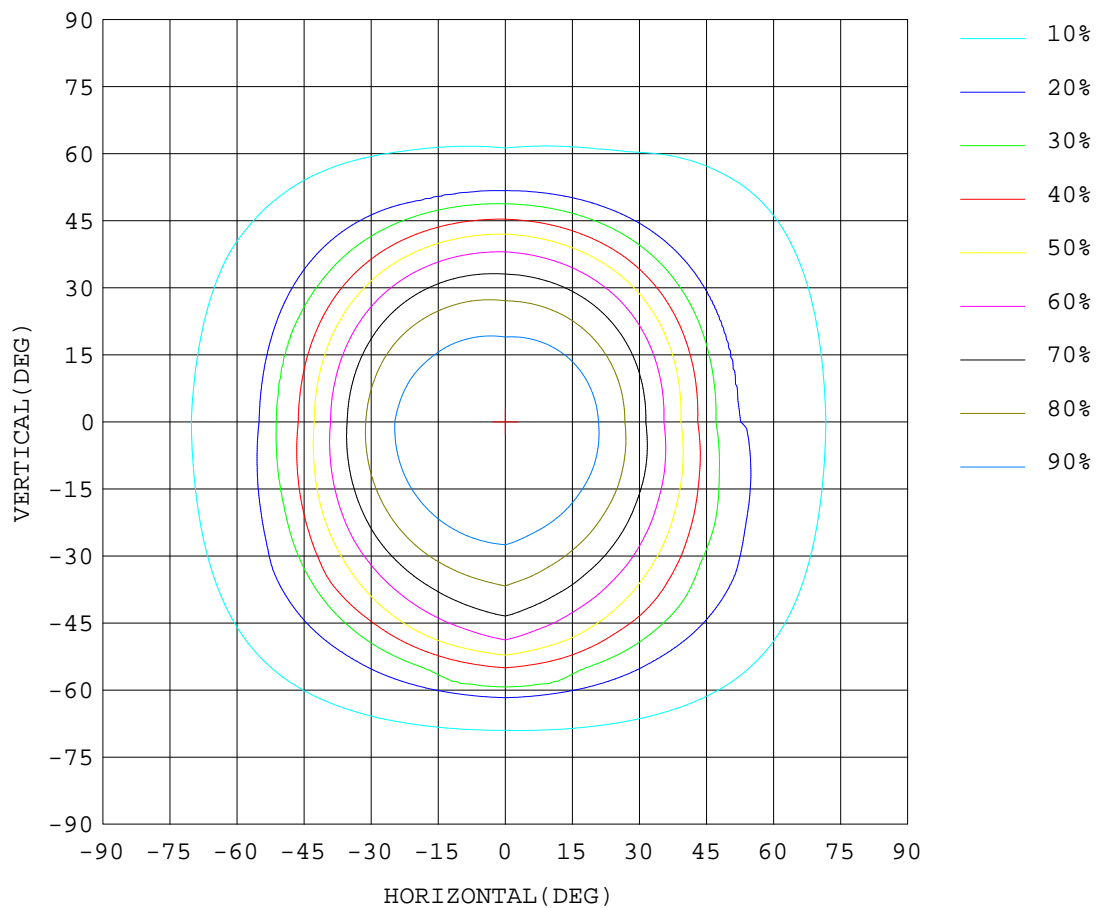
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



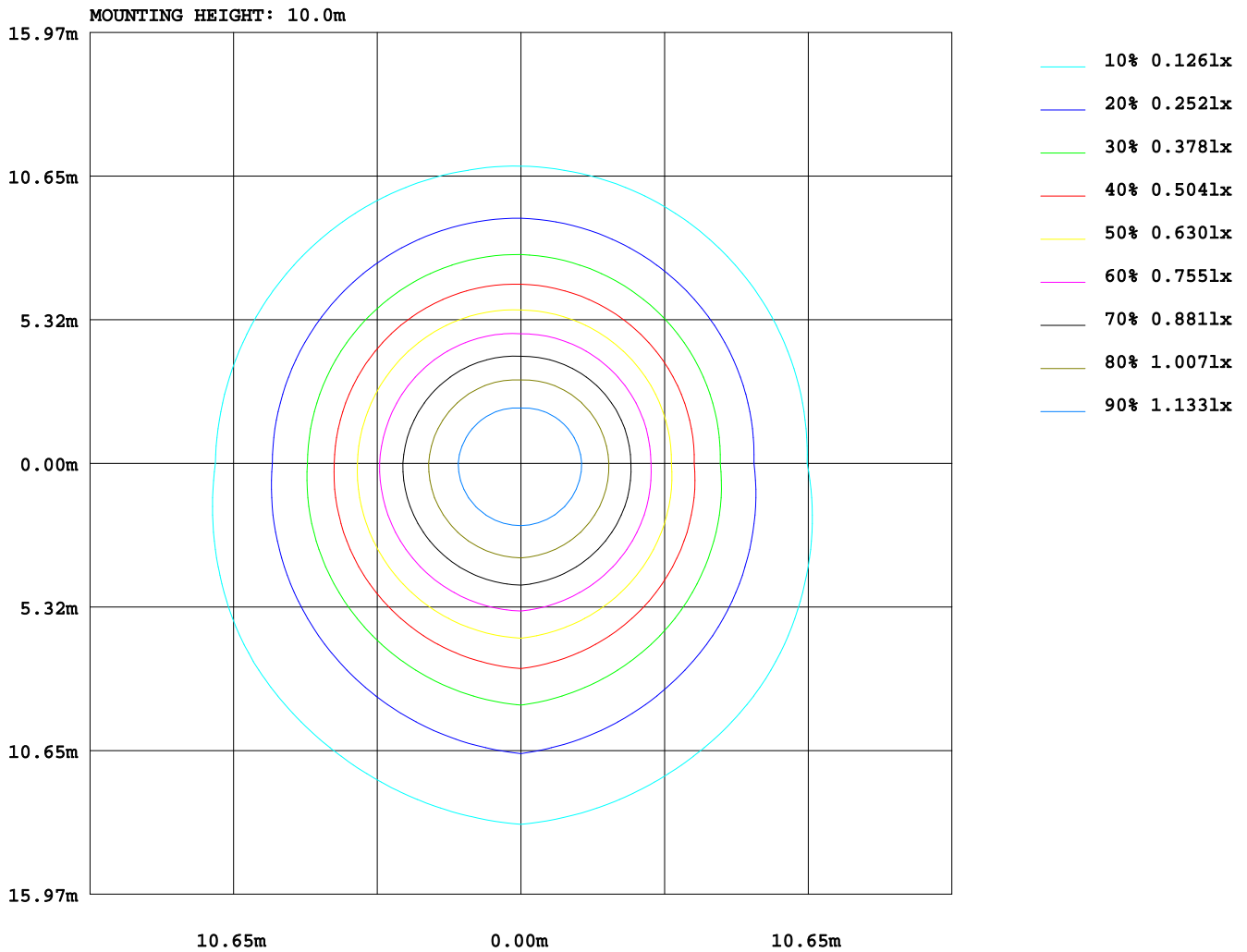
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-13-2023

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	0.01	0.03	0.04	0.06	0.07	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.05	0.04	0.03	0.01	0.00	0.88	0.65				
90	0.01	0.03	0.06	0.10	0.13	0.17	0.20	0.21	0.22	0.22	0.22	0.20	0.17	0.14	0.10	0.06	0.03	0.00	2.24	1.74				
80	0.01	0.04	0.08	0.15	0.21	0.26	0.30	0.32	0.33	0.33	0.33	0.31	0.27	0.22	0.15	0.09	0.04	0.01	3.42	2.66				
70	0.01	0.05	0.11	0.19	0.27	0.36	0.47	0.57	0.63	0.62	0.55	0.47	0.37	0.28	0.20	0.12	0.05	0.01	5.32	4.32				
60	0.01	0.06	0.14	0.23	0.37	0.60	0.97	1.33	1.54	1.51	1.26	0.89	0.56	0.37	0.25	0.14	0.06	0.01	10.3	9.09				
50	0.01	0.06	0.16	0.28	0.55	1.09	1.74	2.26	2.50	2.47	2.16	1.60	0.96	0.50	0.29	0.17	0.07	0.01	16.9	15.4				
40	0.01	0.07	0.17	0.35	0.81	1.60	2.39	2.93	3.15	3.12	2.81	2.21	1.41	0.68	0.34	0.19	0.08	0.01	22.3	20.5				
30	0.01	0.08	0.19	0.41	1.04	1.97	2.82	3.33	3.55	3.54	3.26	2.62	1.74	0.86	0.38	0.20	0.08	0.01	26.1	24.0				
-30	0.01	0.08	0.20	0.47	1.17	2.18	3.04	3.52	3.74	3.74	3.47	2.84	1.90	0.96	0.41	0.21	0.08	0.01	28.0	25.7				
	0.01	0.08	0.20	0.49	1.21	2.22	3.08	3.55	3.76	3.75	3.50	2.88	1.94	1.00	0.43	0.21	0.08	0.01	28.4	26.0				
	0.01	0.08	0.19	0.47	1.16	2.10	2.95	3.45	3.67	3.66	3.38	2.75	1.87	0.98	0.44	0.21	0.08	0.01	27.5	25.1				
	0.01	0.07	0.18	0.42	1.01	1.84	2.65	3.20	3.46	3.43	3.09	2.47	1.65	0.89	0.41	0.19	0.08	0.01	25.1	22.9				
-40	0.01	0.07	0.16	0.34	0.78	1.48	2.19	2.75	3.06	3.03	2.65	2.05	1.35	0.73	0.35	0.17	0.07	0.01	21.2	19.4				
-50	0.01	0.06	0.14	0.26	0.53	1.00	1.60	2.12	2.46	2.44	2.05	1.52	0.97	0.53	0.28	0.15	0.06	0.01	16.2	14.8				
-60	0.01	0.05	0.12	0.21	0.33	0.55	0.88	1.23	1.50	1.49	1.21	0.88	0.56	0.35	0.22	0.12	0.05	0.01	9.78	8.69				
-70	0.01	0.04	0.09	0.16	0.23	0.31	0.40	0.49	0.55	0.56	0.49	0.41	0.32	0.24	0.16	0.10	0.04	0.01	4.59	3.76				
-80	0.01	0.03	0.07	0.11	0.16	0.20	0.24	0.26	0.27	0.28	0.27	0.24	0.21	0.16	0.11	0.07	0.03	0.01	2.72	2.13				
-90	0.00	0.02	0.04	0.07	0.09	0.11	0.13	0.15	0.16	0.16	0.15	0.13	0.11	0.09	0.06	0.04	0.02	0.00	1.52	1.19				
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																								
Φ t	0.19	0.98	2.33	4.74	10.1	18.1	26.1	31.7	34.6	34.4	30.9	24.5	16.4	9.01	4.62	2.45	1.00	0.18	256					
Φ a	0.00	0.00	0.00	0.00	5.94	18.1	26.1	31.7	34.6	34.4	30.9	24.5	16.4	5.27	0.00	0.00	0.00	0.00		176				

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

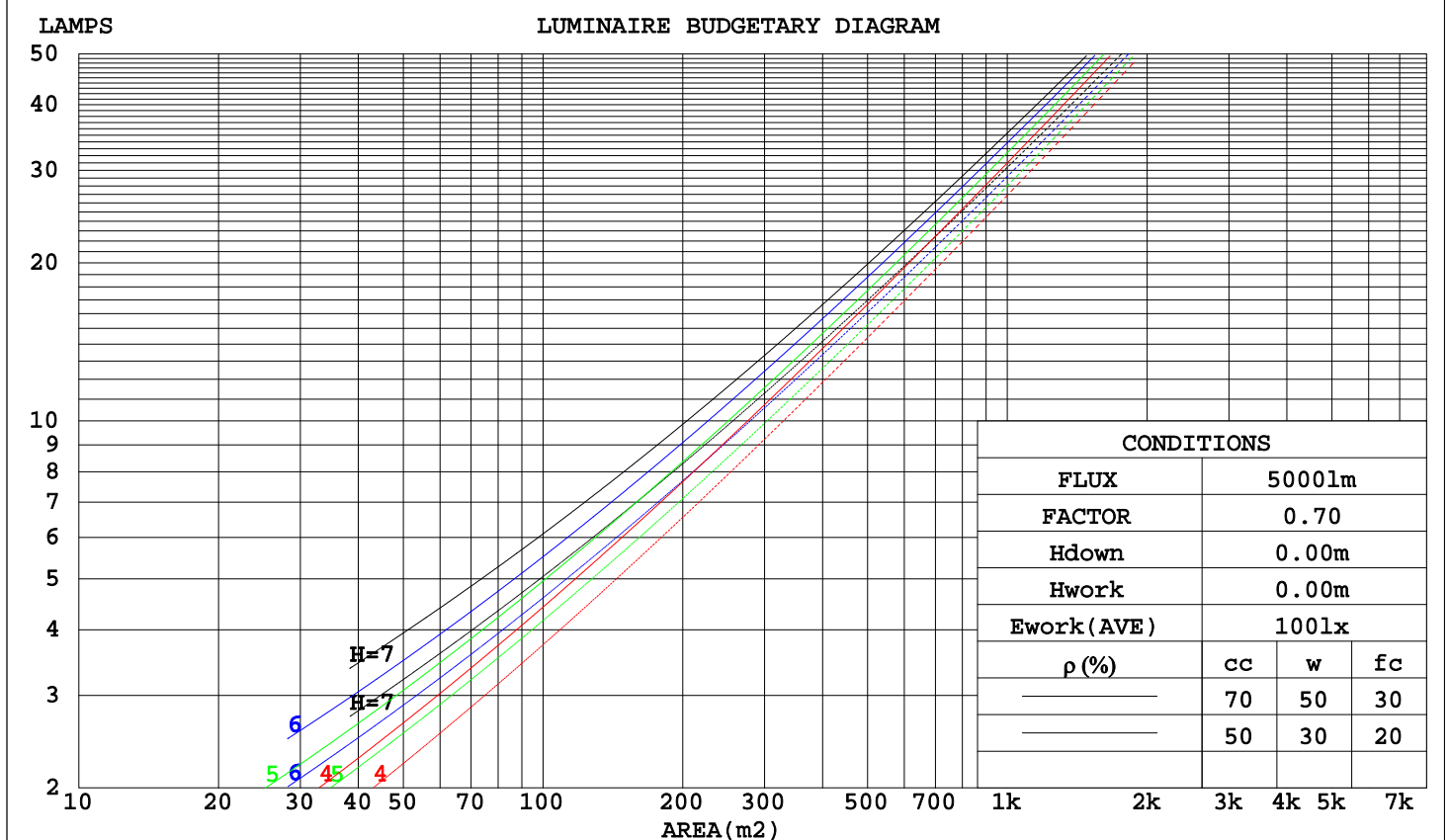
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

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.:			

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	.265	.151	.048	.258	.147	.047	.244	.140	.045	.232	.134	.043	.220	.128	.041		
2.0	.250	.137	.042	.243	.134	.041	.231	.129	.040	.220	.124	.039	.210	.119	.038		
3.0	.233	.124	.037	.228	.122	.037	.217	.118	.036	.208	.114	.035	.199	.110	.034		
4.0	.218	.113	.033	.213	.111	.033	.204	.108	.032	.195	.105	.032	.187	.102	.031		
5.0	.204	.104	.030	.199	.102	.030	.191	.100	.029	.184	.097	.029	.176	.094	.028		
6.0	.191	.096	.027	.187	.095	.027	.180	.092	.027	.173	.090	.026	.167	.088	.026		
7.0	.179	.089	.025	.176	.088	.025	.170	.086	.025	.163	.084	.024	.158	.082	.024		
8.0	.169	.083	.023	.166	.082	.023	.160	.080	.023	.155	.078	.023	.149	.077	.022		
9.0	.160	.077	.022	.157	.076	.021	.152	.075	.021	.147	.073	.021	.142	.072	.021		
10.0	.151	.072	.020	.149	.072	.020	.144	.070	.020	.139	.069	.020	.135	.068	.019		

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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.185	.165	.146	.159	.141	.126	.108	.097	.087	.062	.056	.051	.020	.018	.016	
2.0	.175	.140	.111	.150	.121	.096	.103	.084	.067	.059	.049	.039	.019	.016	.013	
3.0	.166	.122	.088	.142	.105	.076	.097	.073	.053	.056	.043	.031	.018	.014	.010	
4.0	.157	.109	.071	.135	.094	.062	.093	.065	.044	.054	.038	.026	.017	.012	.008	
5.0	.150	.098	.059	.129	.085	.052	.089	.059	.036	.051	.035	.022	.017	.011	.007	
6.0	.143	.089	.051	.123	.077	.044	.085	.054	.031	.049	.032	.019	.016	.010	.006	
7.0	.136	.082	.044	.117	.071	.038	.081	.050	.027	.047	.029	.016	.015	.010	.005	
8.0	.130	.076	.039	.112	.066	.034	.078	.046	.024	.045	.027	.014	.015	.009	.005	
9.0	.125	.071	.035	.108	.062	.031	.075	.044	.022	.043	.026	.013	.014	.008	.004	
10.0	.120	.067	.032	.103	.058	.028	.072	.041	.020	.042	.024	.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	9.6	10.9	9.9	11.2	11.4	11.9	13.3	12.2	13.5	13.7
	3H	10.5	11.8	10.8	12.0	12.2	12.3	13.5	12.6	13.7	14.0
	4H	11.1	12.2	11.4	12.5	12.7	12.5	13.6	12.8	13.9	14.1
	6H	11.5	12.6	11.9	12.9	13.2	12.7	13.8	13.1	14.1	14.4
	8H	11.8	12.8	12.1	13.1	13.4	12.9	14.0	13.3	14.2	14.6
	12H	12.0	13.0	12.3	13.3	13.6	13.1	14.1	13.5	14.4	14.7
4H	2H	10.0	11.2	10.4	11.5	11.7	12.0	13.1	12.3	13.4	13.7
	3H	11.2	12.2	11.5	12.5	12.8	12.5	13.5	12.9	13.8	14.1
	4H	11.8	12.7	12.2	13.1	13.4	12.8	13.7	13.2	14.1	14.4
	6H	12.5	13.3	12.9	13.6	14.0	13.3	14.1	13.7	14.5	14.8
	8H	12.8	13.5	13.2	13.9	14.3	13.6	14.3	14.0	14.7	15.1
	12H	13.1	13.8	13.5	14.2	14.6	13.9	14.6	14.3	15.0	15.4
8H	4H	12.0	12.8	12.5	13.2	13.6	13.0	13.7	13.4	14.1	14.5
	6H	12.9	13.5	13.4	13.9	14.4	13.6	14.2	14.0	14.6	15.1
	8H	13.3	13.9	13.8	14.3	14.8	14.0	14.6	14.5	15.0	15.5
	12H	13.8	14.3	14.3	14.7	15.2	14.5	14.9	15.0	15.4	15.9
12H	4H	12.1	12.7	12.5	13.1	13.6	13.0	13.7	13.4	14.1	14.5
	6H	13.0	13.5	13.5	14.0	14.5	13.7	14.2	14.1	14.7	15.1
	8H	13.5	14.0	14.0	14.4	14.9	14.1	14.6	14.6	15.1	15.6
Variations with the observer position at spacings:											
S = 1.0H		+ 0.4 / - 0.5					+ 0.3 / - 0.4				
1.5H		+ 0.2 / - 0.8					+ 0.4 / - 0.7				
2.0H		+ 0.7 / - 0.8					+ 1.3 / - 1.3				

CIE Pub.117 Corrected 255.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -4.7)

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) x RCR = 5									
k = 0.60	66	56	50	65	56	50	64	55	50	44
0.80	76	66	60	75	65	59	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	67
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										

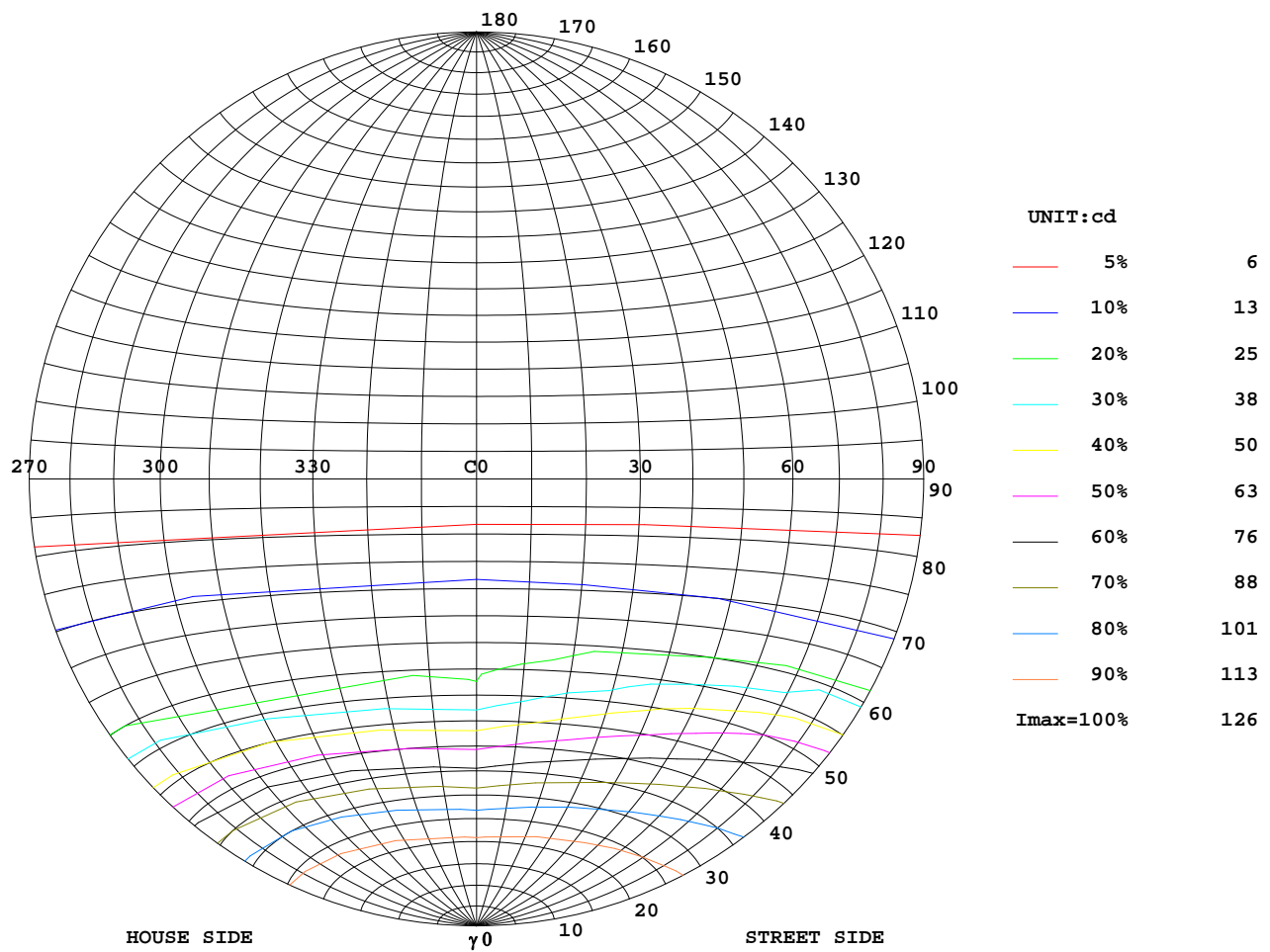
Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:07-13-2023

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

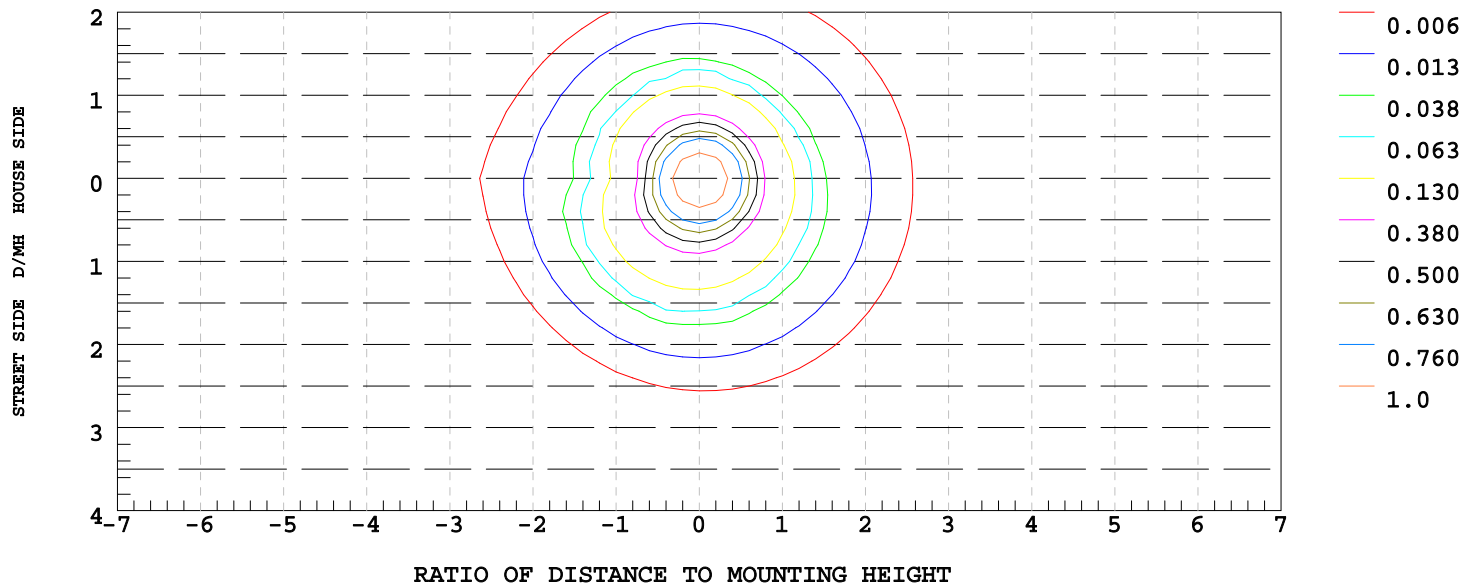
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 1.26 lx



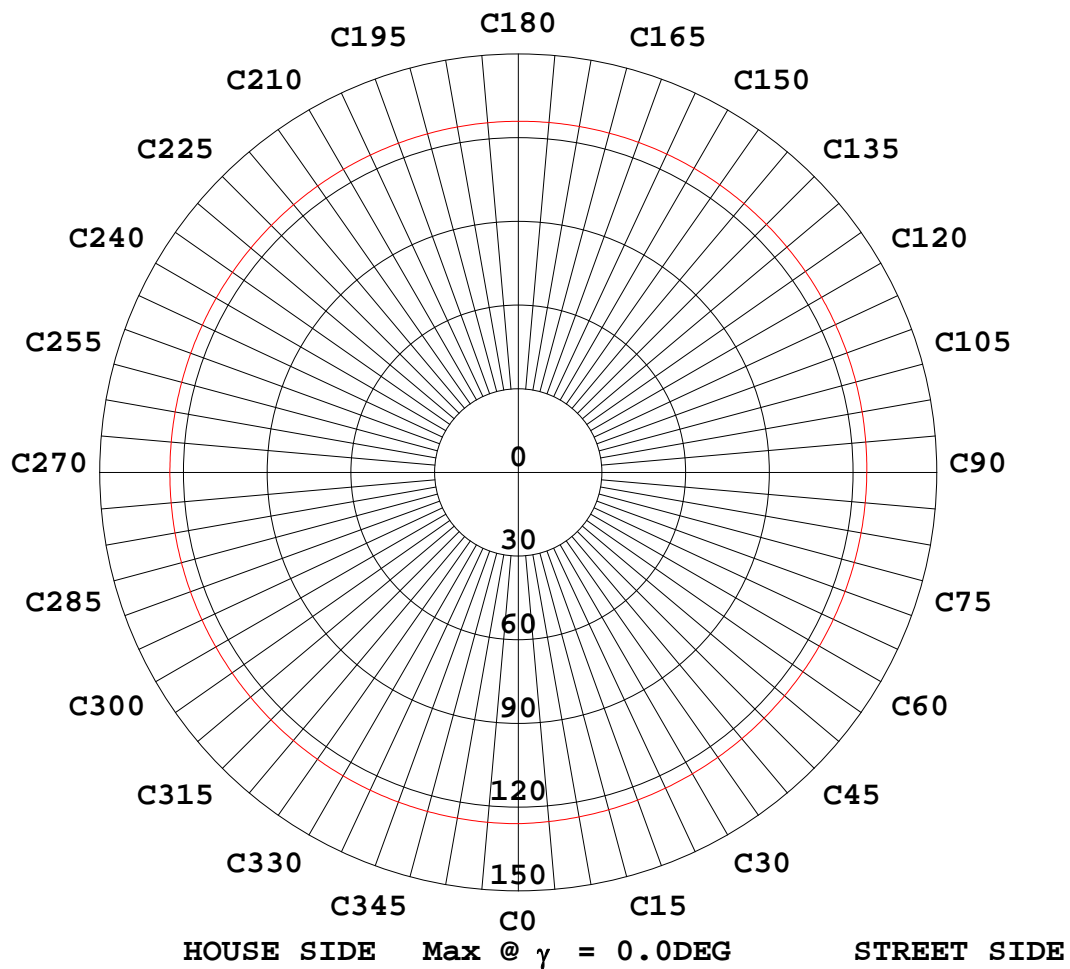
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:07-13-2023

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:

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	126	125	126	125
5.0	125	124	125	124
10.0	124	123	124	122
15.0	120	122	122	118
20.0	115	120	118	112
25.0	105	116	113	104
30.0	91.9	110	104	94.9
35.0	77.0	104	89.2	83.7
40.0	60.6	94.9	72.5	69.9
45.0	43.7	84.6	55.2	51.5
50.0	30.7	71.9	39.8	33.9
55.0	23.7	50.4	25.2	20.5
60.0	18.4	30.7	18.8	13.5
65.0	16.2	17.4	14.8	10.2
70.0	13.6	11.5	12.6	8.80
75.0	10.4	8.84	9.89	7.02
80.0	7.28	7.34	6.88	4.88
85.0	4.32	5.26	4.98	1.60
90.0	1.48	2.44	1.45	0.67
95.0	0.97	0.24	0.07	0.50
100.0	0.56	0.07	0.09	0.42
105.0	0.23	0.09	0.12	0.35
110.0	0.21	0.11	0.15	0.33
115.0	0.22	0.15	0.19	0.38
120.0	0.27	0.22	0.23	0.47
125.0	0.34	0.30	0.30	0.49
130.0	0.43	0.41	0.39	0.58
135.0	0.53	0.51	0.48	0.65
140.0	0.59	0.57	0.56	0.70
145.0	0.62	0.59	0.62	0.70
150.0	0.59	0.56	0.63	0.69
155.0	0.53	0.52	0.60	0.63
160.0	0.46	0.45	0.55	0.57
165.0	0.39	0.38	0.48	0.49
170.0	0.34	0.32	0.42	0.41
175.0	0.34	0.31	0.37	0.37
180.0	0.34	0.32	0.34	0.32

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: