

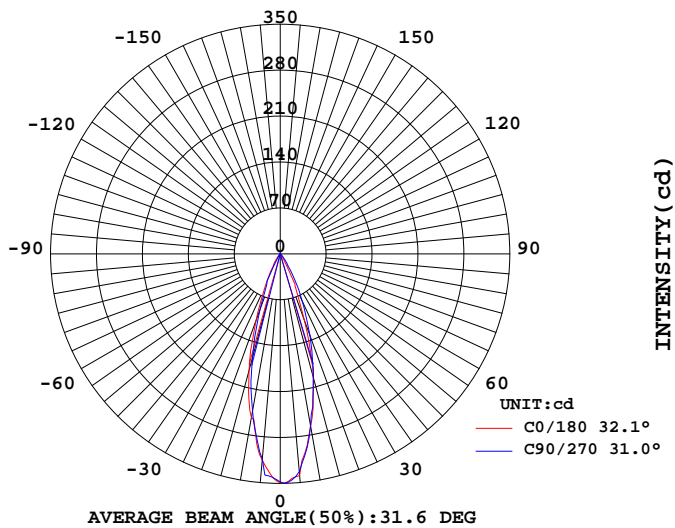
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

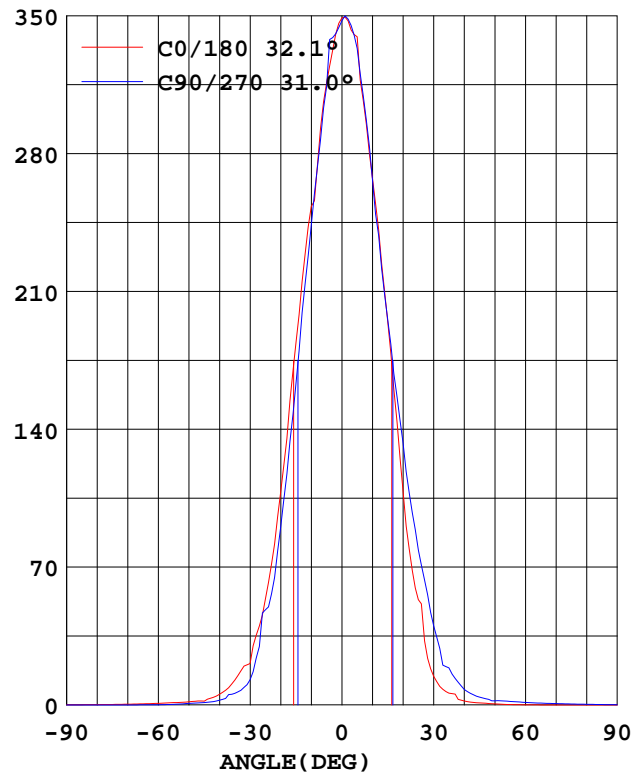
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		I _{max} (cd)	349.6	S/MH(C0/180)	0.52
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.48
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	115.8	Voltage(V)	11.99
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	35.5	Current(A)	0.360
NOMINAL FLUX(lm)	115.8	η up(%)	0.6	Power(W)	3.260
LAMPS QUANTITY	1	η down(%)	99.4	Power Factor(PF)	0.754
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	103.2	EEI	0.233

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:

Color Temperature Data List

Report number:

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

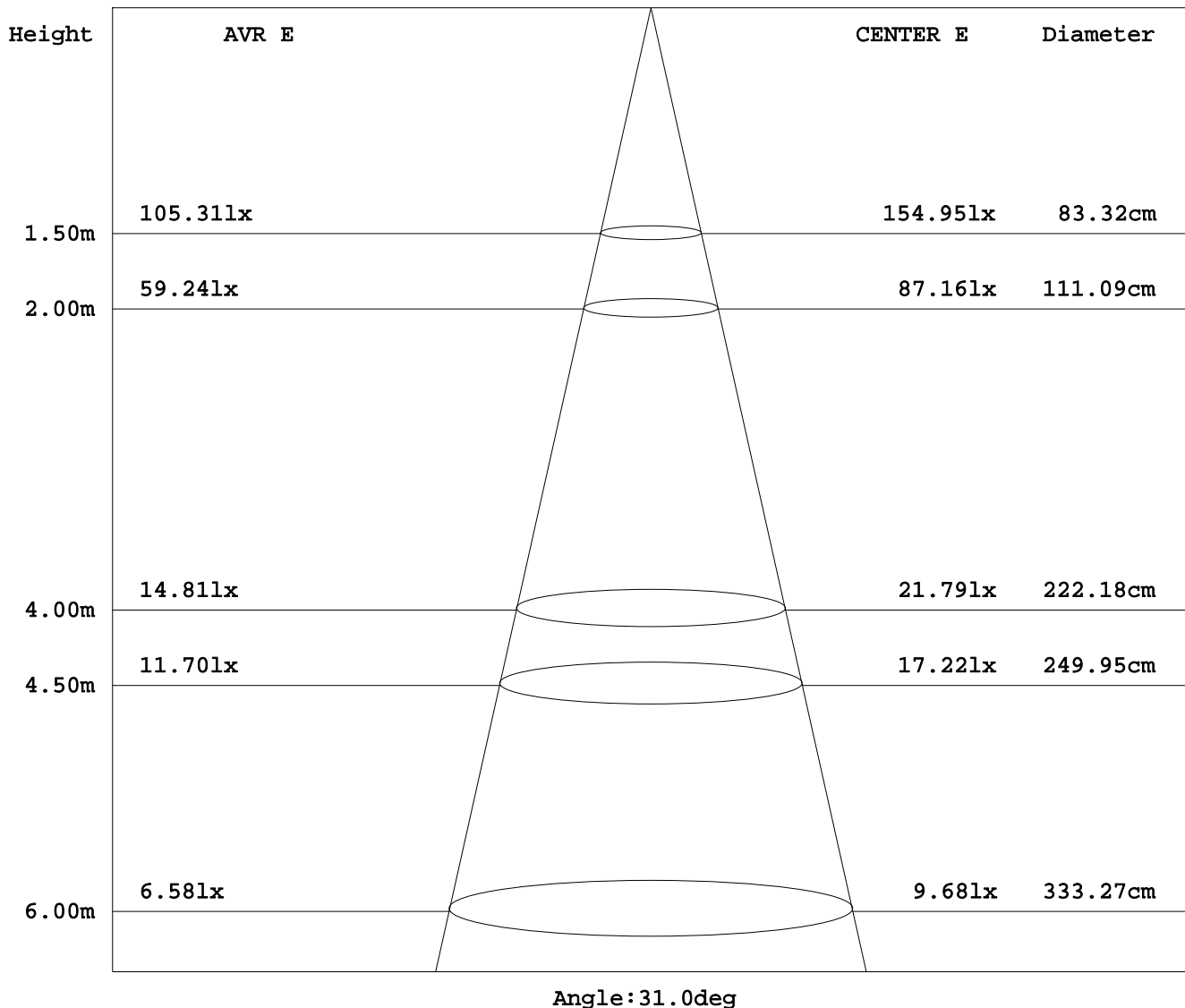
Test System:HOPOO HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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: 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:

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	315.6	313.7	339.0	333.0					0- 5	8.061	8.061
10.0	252.8	243.1	266.7	265.8					5- 10	20.56	28.62
15.0	184.0	163.4	194.2	195.3					10- 15	26.01	54.64
20.0	107.9	90.18	108.0	132.6					15- 20	23.86	78.50
25.0	53.84	48.29	53.41	78.62					20- 25	16.66	95.17
30.0	20.99	12.79	14.50	40.06					25- 30	9.886	105.0
35.0	12.65	5.865	5.940	18.81					30- 35	4.525	109.5
40.0	5.437	2.363	1.951	7.851					35- 40	2.430	112.0
45.0	1.928	1.177	1.000	3.911					40- 45	1.133	113.1
50.0	1.576	0.760	0.529	2.087					45- 50	0.653	113.8
55.0	1.149	0.310	0.185	1.769					50- 55	0.455	114.2
60.0	0.790	0.076	0.052	1.270					55- 60	0.321	114.5
65.0	0.539	0.004	0	0.914					60- 65	0.216	114.7
70.0	0.363	0	0	0.659					65- 70	0.156	114.9
75.0	0.243	0	0	0.460					70- 75	0.112	115.0
80.0	0.153	0	0	0.300					75- 80	0.077	115.1
85.0	0.079	0	0	0.178					80- 85	0.048	115.1
90.0	0.033	0	0	0.069					85- 90	0.023	115.2
95.0	0.025	0	0	0.034					90- 95	0.010	115.2
100.0	0.018	0	0	0.021					95-100	0.007	115.2
105.0	0.013	0	0	0.018					100-105	0.005	115.2
110.0	0.010	0	0	0.016					105-110	0.004	115.2
115.0	0.005	0.007	0	0.009					110-115	0.003	115.2
120.0	0.003	0.007	0.005	0.003					115-120	0.002	115.2
125.0	0.005	0.023	0.013	0.009					120-125	0.004	115.2
130.0	0.009	0.041	0.028	0.015					125-130	0.007	115.2
135.0	0.027	0.081	0.064	0.028					130-135	0.014	115.2
140.0	0.070	0.148	0.130	0.059					135-140	0.027	115.2
145.0	0.167	0.214	0.237	0.133					140-145	0.047	115.3
150.0	0.335	0.298	0.402	0.266					145-150	0.074	115.4
155.0	0.515	0.351	0.576	0.445					150-155	0.100	115.5
160.0	0.636	0.377	0.706	0.623					155-160	0.112	115.6
165.0	0.652	0.374	0.740	0.727					160-165	0.101	115.7
170.0	0.571	0.347	0.664	0.708					165-170	0.072	115.7
175.0	0.466	0.329	0.550	0.580					170-175	0.038	115.8
180.0	0.442	0.394	0.439	0.386					175-180	0.011	115.8
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:

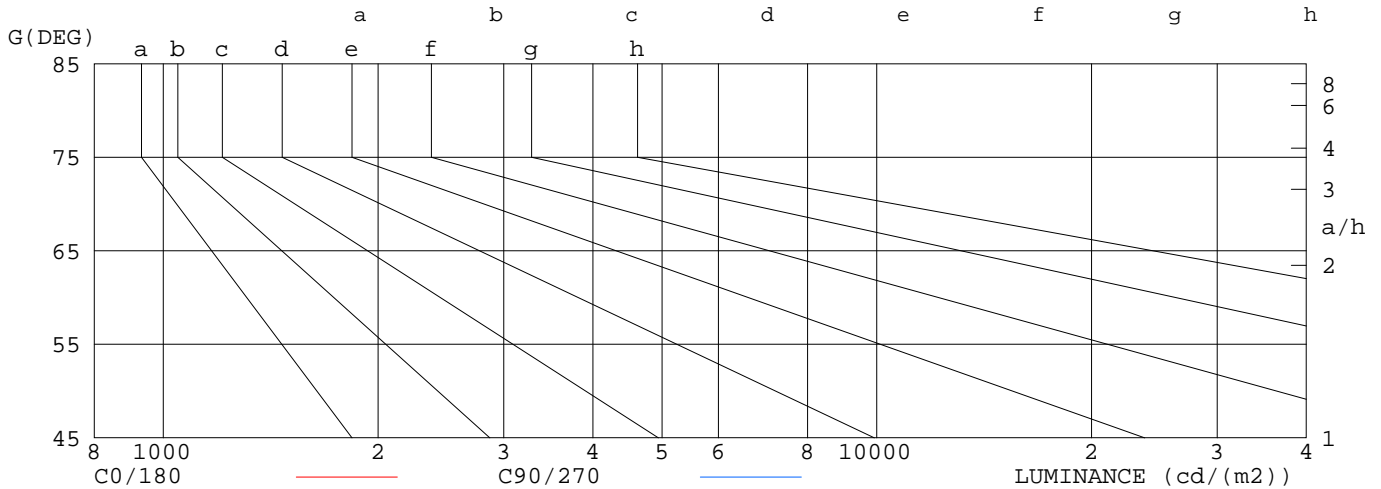
LUMINANCE LIMITATION CURVES

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	9	0
80	9	0
75	9	0
70	11	0
65	13	0
60	16	2
55	20	5
50	25	12
45	27	17

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

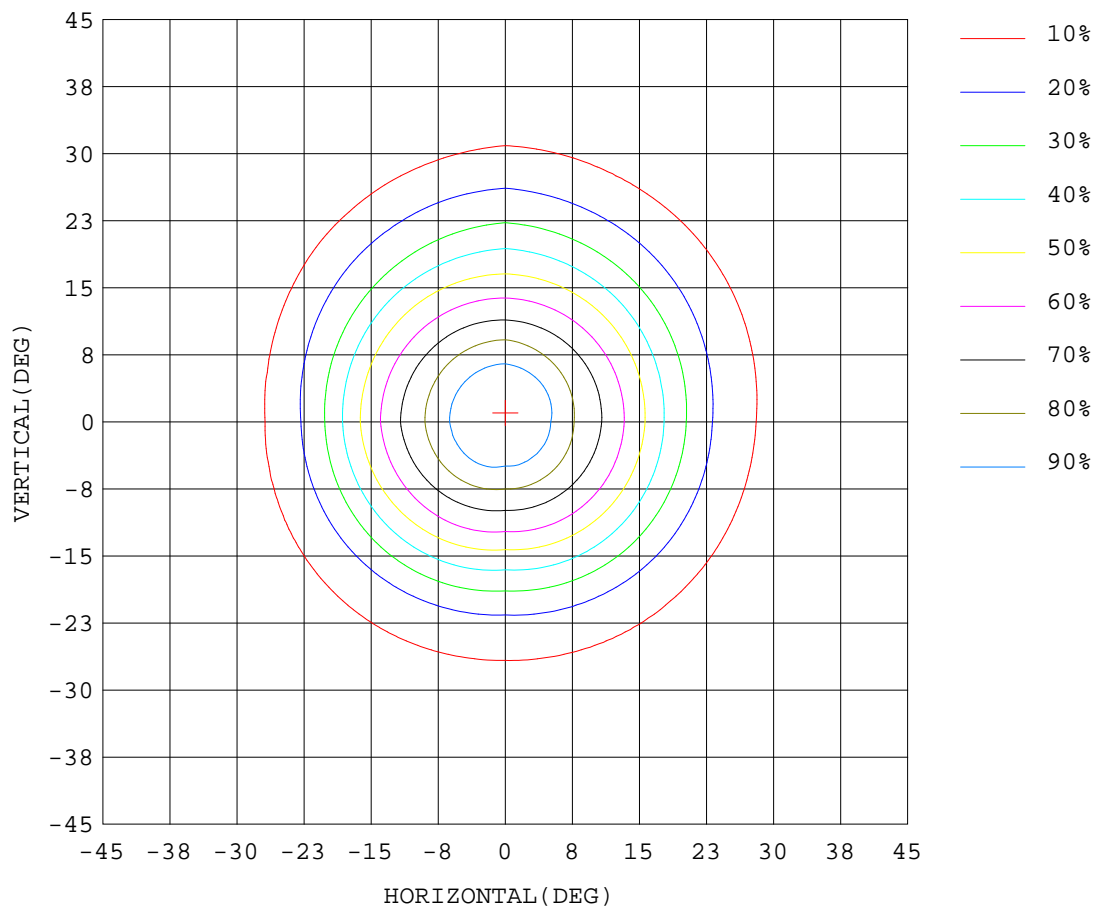
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



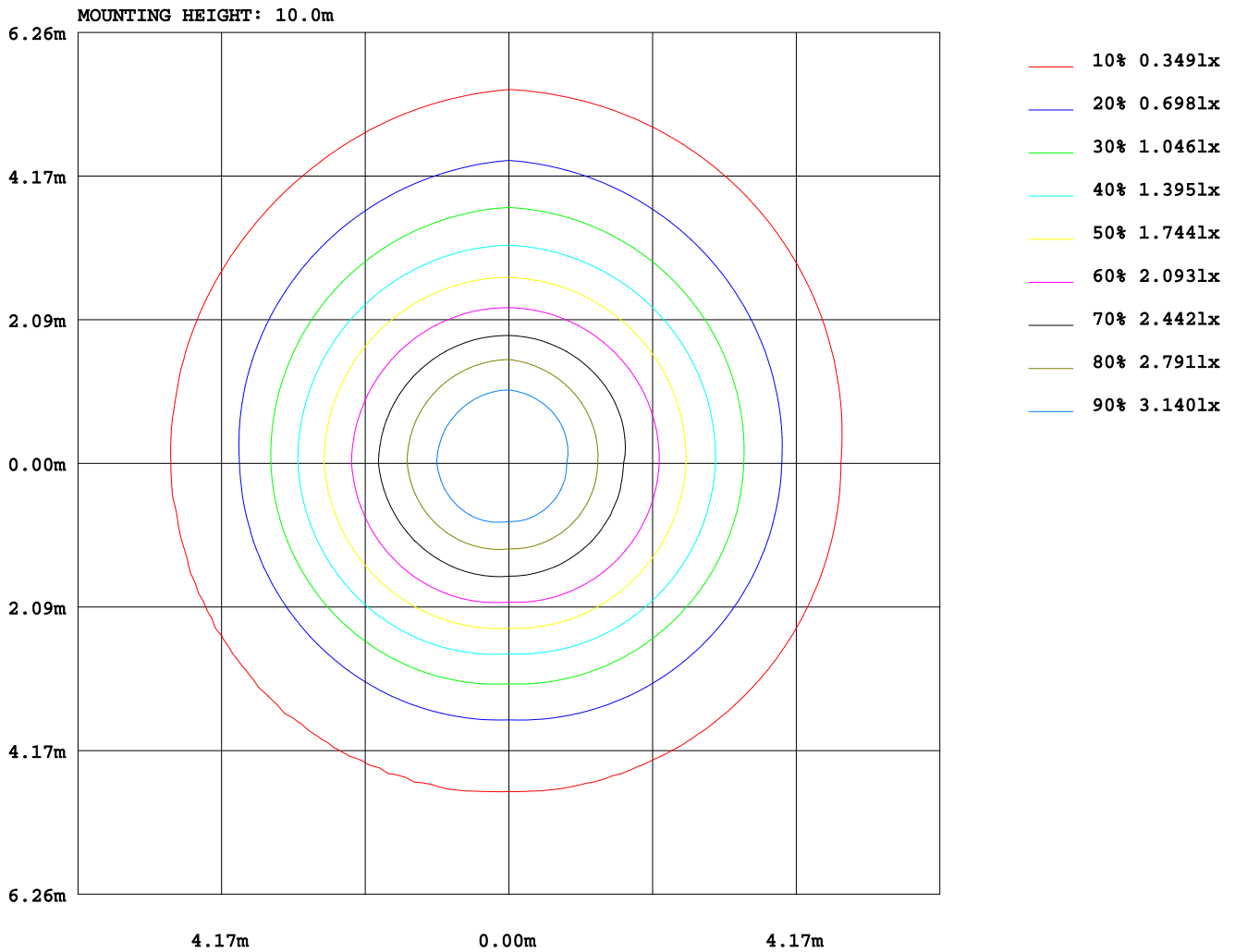
Test System:HOP00 HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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.:				

45	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a						
	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.04	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.37	0.00								
40	0.00	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.09	0.09	0.08	0.06	0.05	0.03	0.02	0.01	0.01	0.01	0.71	0.00								
35	0.01	0.01	0.02	0.03	0.05	0.08	0.12	0.16	0.19	0.19	0.17	0.13	0.10	0.06	0.04	0.02	0.01	0.01	1.38	0.08								
30	0.01	0.01	0.02	0.05	0.09	0.15	0.25	0.36	0.43	0.43	0.37	0.27	0.17	0.11	0.06	0.03	0.02	0.01	2.83	1.81								
25	0.01	0.02	0.03	0.07	0.15	0.30	0.49	0.65	0.76	0.76	0.65	0.49	0.32	0.18	0.10	0.05	0.02	0.01	5.07	4.33								
20	0.01	0.02	0.05	0.11	0.26	0.51	0.78	1.04	1.21	1.20	1.04	0.78	0.51	0.29	0.14	0.07	0.03	0.01	8.07	7.47								
15	0.01	0.02	0.06	0.15	0.40	0.72	1.15	1.51	1.71	1.70	1.48	1.12	0.73	0.41	0.20	0.10	0.04	0.02	11.5	10.9								
VERTICAL (DEG)	0.01	0.03	0.06	0.19	0.49	0.94	1.48	1.93	2.23	2.21	1.88	1.43	0.93	0.50	0.24	0.11	0.05	0.02	14.7	14.2								
	0.01	0.03	0.06	0.22	0.53	1.08	1.68	2.21	2.57	2.52	2.10	1.61	1.04	0.55	0.26	0.12	0.05	0.02	16.6	16.2								
	0.01	0.02	0.06	0.21	0.51	1.05	1.66	2.17	2.53	2.48	2.07	1.59	1.01	0.53	0.25	0.11	0.05	0.02	16.3	15.9								
	0.01	0.02	0.05	0.16	0.44	0.87	1.41	1.85	2.10	2.07	1.79	1.36	0.85	0.45	0.21	0.10	0.04	0.02	13.8	13.3								
	0.01	0.02	0.04	0.10	0.33	0.60	1.01	1.36	1.54	1.53	1.33	0.99	0.61	0.34	0.15	0.08	0.03	0.01	10.1	9.59								
	0.01	0.01	0.03	0.06	0.17	0.39	0.59	0.83	0.95	0.94	0.82	0.60	0.39	0.21	0.10	0.06	0.03	0.01	6.19	5.60								
	0.00	0.01	0.02	0.04	0.08	0.18	0.33	0.43	0.48	0.48	0.43	0.34	0.20	0.11	0.07	0.04	0.02	0.01	3.25	2.49								
	0.00	0.01	0.01	0.02	0.04	0.07	0.11	0.17	0.22	0.22	0.18	0.13	0.09	0.06	0.04	0.02	0.01	0.01	1.41	0.30								
	0.00	0.00	0.01	0.01	0.02	0.04	0.05	0.06	0.06	0.07	0.07	0.06	0.05	0.03	0.02	0.01	0.01	0.01	0.58	0.00								
	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.00	0.28	0.00							
0.00	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	0.01	0.01	0.01	0.00	0.00	0.14	0.00								
-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)													10	15	20	25	30	35	40	45
Φ t	0.11	0.24	0.56	1.47	3.61	7.06	11.2	14.9	17.1	17.0	14.5	11.0	7.11	3.91	1.92	0.95	0.45	0.22	116									
Φ a	0.00	0.00	0.00	0.37	2.85	6.43	10.6	14.3	16.6	16.5	14.0	10.4	6.41	3.07	0.65	0.00	0.00	0.00		103								

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

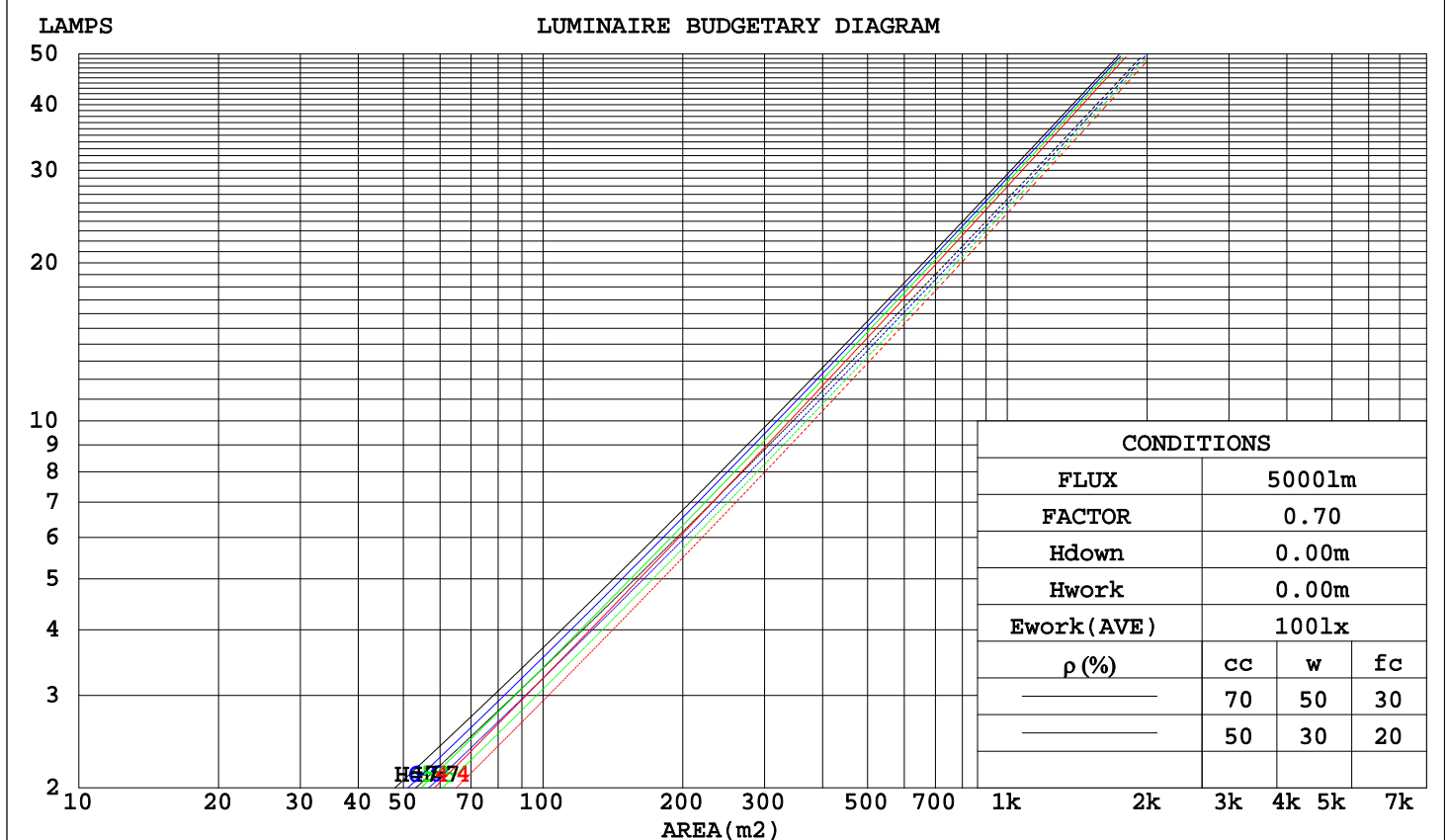
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

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: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

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	.151	.086	.027	.144	.082	.026	.131	.075	.024	.120	.069	.022	.109	.063	.020	
2.0	.141	.077	.024	.135	.075	.023	.125	.069	.022	.115	.065	.020	.106	.060	.019	
3.0	.132	.070	.021	.128	.068	.021	.119	.064	.020	.110	.061	.019	.103	.057	.018	
4.0	.125	.065	.019	.121	.063	.019	.113	.060	.018	.106	.057	.017	.099	.054	.016	
5.0	.118	.060	.017	.115	.059	.017	.108	.056	.017	.102	.054	.016	.096	.051	.015	
6.0	.112	.056	.016	.109	.055	.016	.103	.053	.015	.098	.051	.015	.093	.049	.015	
7.0	.107	.053	.015	.104	.052	.015	.099	.050	.014	.094	.048	.014	.090	.047	.014	
8.0	.102	.050	.014	.100	.049	.014	.095	.048	.014	.091	.046	.013	.087	.045	.013	
9.0	.098	.047	.013	.096	.047	.013	.092	.045	.013	.088	.044	.013	.084	.043	.012	
10.0	.094	.045	.012	.092	.044	.012	.088	.043	.012	.085	.042	.012	.082	.041	.012	

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	.195	.195	.195	.166	.166	.166	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.174	.162	.151	.148	.139	.130	.102	.096	.090	.058	.055	.052	.019	.018	.017	
2.0	.156	.137	.120	.134	.118	.104	.092	.082	.073	.053	.047	.043	.017	.015	.014	
3.0	.142	.118	.098	.122	.101	.085	.084	.071	.060	.048	.041	.035	.016	.013	.012	
4.0	.130	.103	.081	.112	.089	.070	.077	.062	.050	.045	.036	.029	.014	.012	.010	
5.0	.121	.090	.068	.104	.078	.059	.071	.055	.042	.041	.032	.025	.013	.010	.008	
6.0	.112	.081	.058	.096	.070	.051	.067	.049	.036	.039	.029	.021	.012	.009	.007	
7.0	.105	.073	.050	.090	.063	.044	.062	.044	.031	.036	.026	.018	.012	.009	.006	
8.0	.099	.066	.044	.085	.057	.038	.059	.040	.027	.034	.024	.016	.011	.008	.005	
9.0	.093	.061	.039	.080	.053	.034	.056	.037	.024	.032	.022	.014	.011	.007	.005	
10.0	.089	.056	.034	.076	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	

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:

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	-6.7	-5.9	-6.5	-5.8	-5.6	-9.9	-9.2	-9.7	-9.0	-8.9
	3H	-6.6	-5.9	-6.4	-5.7	-5.5	-10.1	-9.4	-9.8	-9.2	-9.0
	4H	-6.6	-6.0	-6.3	-5.7	-5.5	-10.2	-9.5	-9.9	-9.3	-9.1
	6H	-6.6	-6.0	-6.3	-5.7	-5.5	-10.3	-9.6	-10.0	-9.4	-9.1
	8H	-6.6	-6.0	-6.3	-5.7	-5.5	-10.3	-9.7	-10.0	-9.4	-9.2
	12H	-6.6	-6.0	-6.3	-5.8	-5.5	-10.3	-9.8	-10.0	-9.5	-9.2
4H	2H	-6.9	-6.2	-6.6	-6.0	-5.8	-10.0	-9.4	-9.8	-9.2	-8.9
	3H	-6.8	-6.2	-6.5	-5.9	-5.7	-10.2	-9.6	-9.8	-9.3	-9.0
	4H	-6.7	-6.2	-6.4	-5.9	-5.6	-10.2	-9.7	-9.9	-9.4	-9.1
	6H	-6.7	-6.2	-6.3	-5.9	-5.5	-10.3	-9.9	-10.0	-9.5	-9.2
	8H	-6.7	-6.2	-6.3	-5.9	-5.5	-10.4	-10.0	-10.0	-9.6	-9.2
	12H	-6.7	-6.3	-6.2	-5.9	-5.5	-10.4	-10.1	-10.0	-9.7	-9.3
8H	4H	-6.9	-6.4	-6.5	-6.1	-5.7	-10.3	-9.9	-9.9	-9.5	-9.2
	6H	-6.8	-6.4	-6.4	-6.0	-5.6	-10.4	-10.0	-10.0	-9.6	-9.2
	8H	-6.7	-6.4	-6.3	-6.0	-5.6	-10.4	-10.1	-10.0	-9.7	-9.3
	12H	-6.7	-6.4	-6.2	-6.0	-5.5	-10.5	-10.2	-10.0	-9.8	-9.3
12H	4H	-6.9	-6.5	-6.5	-6.1	-5.7	-10.3	-10.0	-9.9	-9.6	-9.2
	6H	-6.8	-6.5	-6.4	-6.1	-5.7	-10.4	-10.1	-10.0	-9.7	-9.2
	8H	-6.8	-6.5	-6.3	-6.1	-5.6	-10.5	-10.2	-10.0	-9.7	-9.3
Variations with the observer position at spacings:											
S = 1.0H		+ 2.9 / - 2.9					+ 3.3 / - 5.9				
1.5H		+ 5.0 / - 2.8					+ 4.9 / - 4.0				
2.0H		+ 1.7 / - 1.8					+ 3.0 / - 4.7				

CIE Pub.117 Corrected 115.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -7.5)

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) x RCR = 5									
k = 0.60	90	84	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

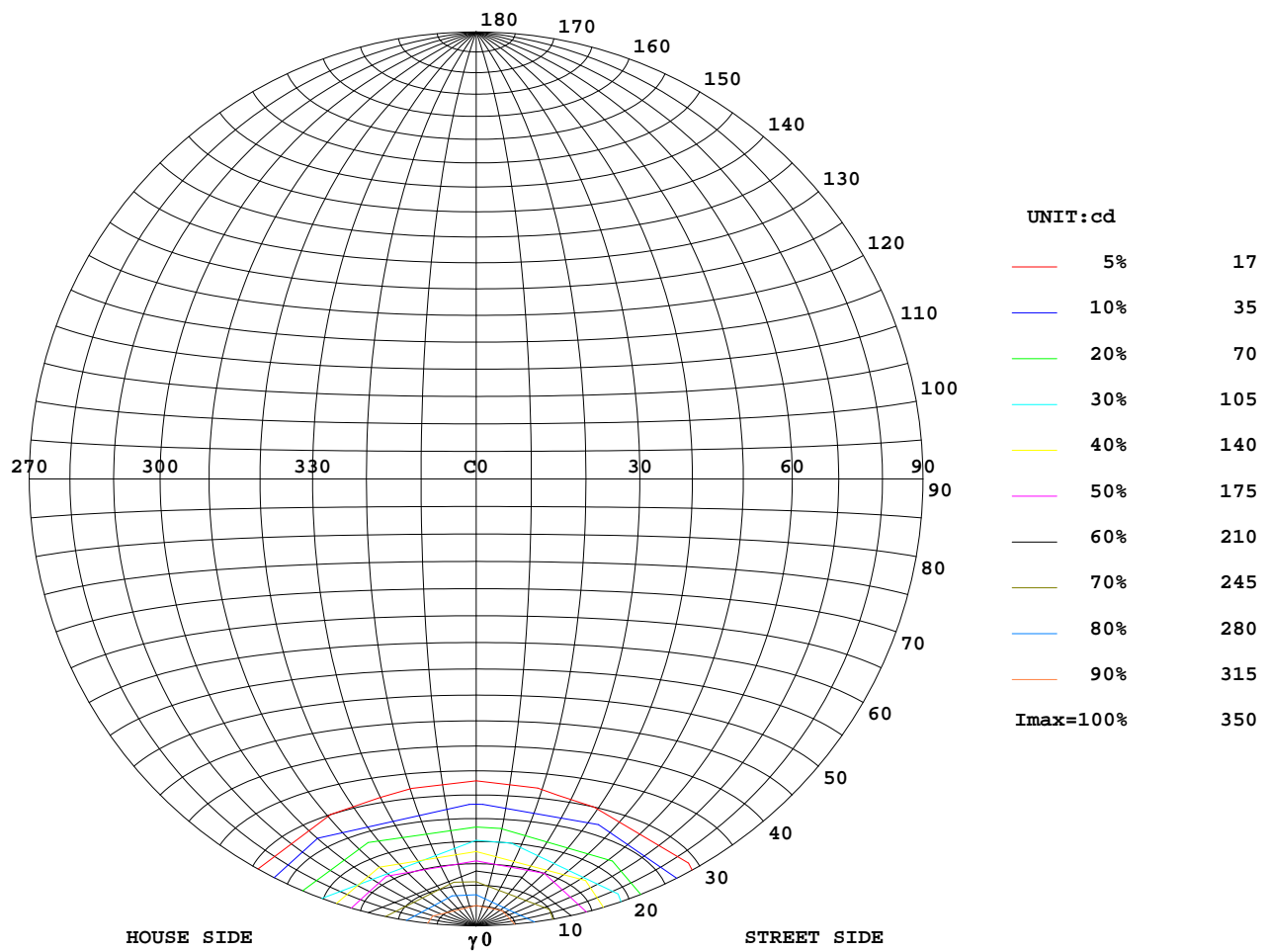
Test System:HOPPO HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:11-02-2023

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

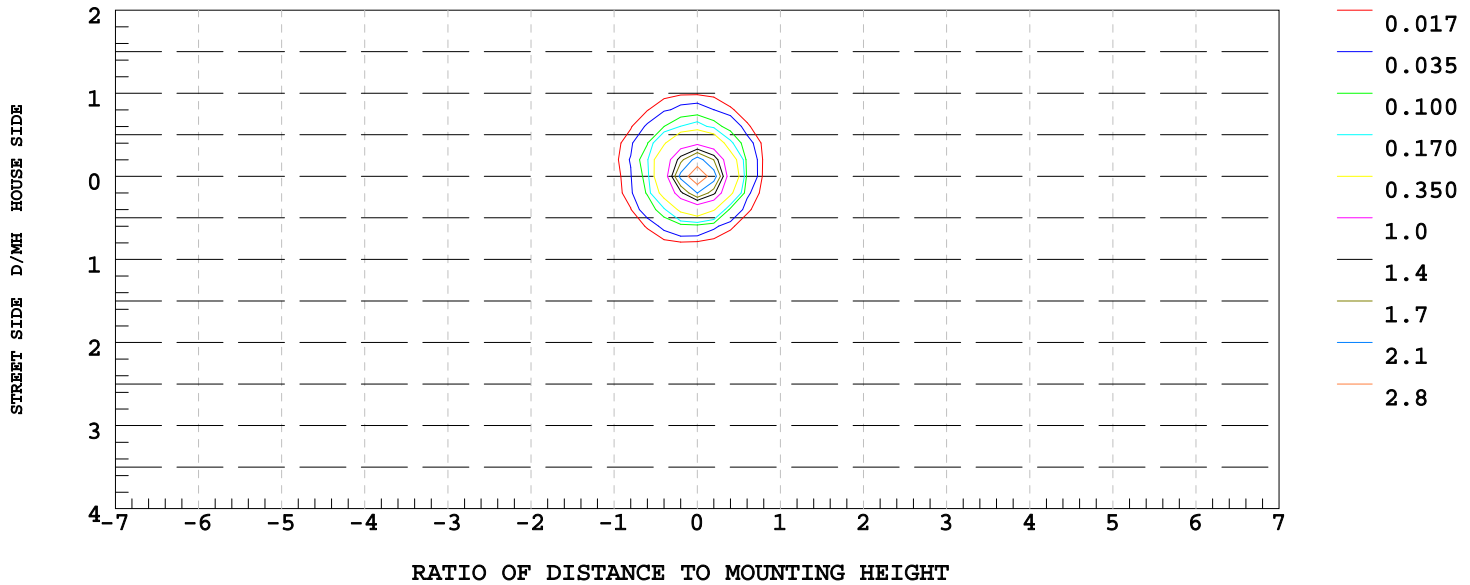
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 3.49 lx



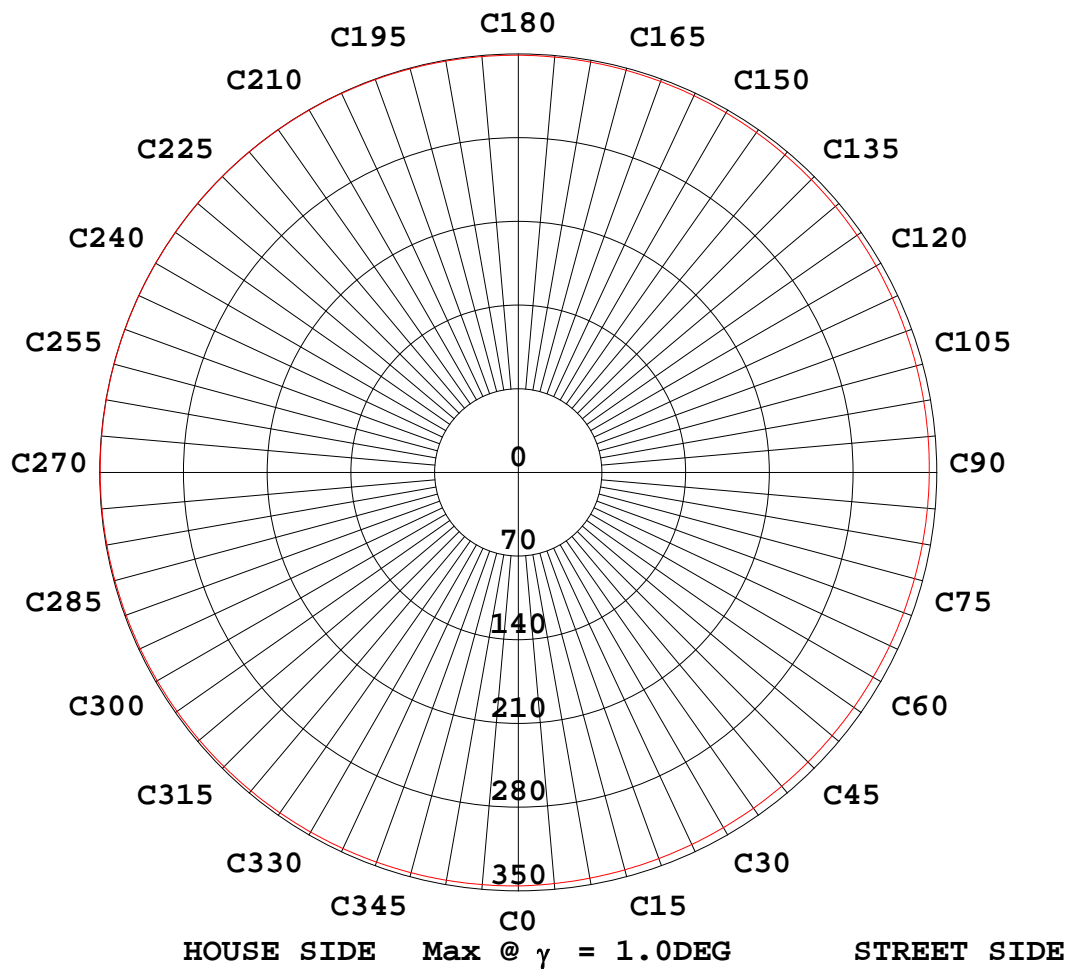
Test System:HOPPO HP880D
Temperature:25.3DEG
Operators:
Test Date:11-02-2023

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:

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	349	347	349	347
5.0	316	314	339	333
10.0	253	243	267	266
15.0	184	163	194	195
20.0	108	90.1	108	133
25.0	53.8	48.2	53.4	78.6
30.0	20.9	12.7	14.5	40.0
35.0	12.6	5.86	5.94	18.8
40.0	5.43	2.36	1.95	7.85
45.0	1.92	1.17	1.00	3.91
50.0	1.57	0.76	0.53	2.08
55.0	1.14	0.31	0.19	1.76
60.0	0.79	0.08	0.05	1.27
65.0	0.54	0.00	0.00	0.91
70.0	0.36	0.00	0.00	0.66
75.0	0.24	0.00	0.00	0.46
80.0	0.15	0.00	0.00	0.30
85.0	0.08	0.00	0.00	0.18
90.0	0.03	0.00	0.00	0.07
95.0	0.03	0.00	0.00	0.03
100.0	0.02	0.00	0.00	0.02
105.0	0.01	0.00	0.00	0.02
110.0	0.01	0.00	0.00	0.02
115.0	0.00	0.01	0.00	0.01
120.0	0.00	0.01	0.00	0.00
125.0	0.00	0.02	0.01	0.01
130.0	0.01	0.04	0.03	0.01
135.0	0.03	0.08	0.06	0.03
140.0	0.07	0.15	0.13	0.06
145.0	0.17	0.21	0.24	0.13
150.0	0.34	0.30	0.40	0.27
155.0	0.51	0.35	0.58	0.44
160.0	0.64	0.38	0.71	0.62
165.0	0.65	0.37	0.74	0.73
170.0	0.57	0.35	0.66	0.71
175.0	0.47	0.33	0.55	0.58
180.0	0.44	0.39	0.44	0.39

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: