

LUMINAIRE PHOTOMETRIC TEST REPORT

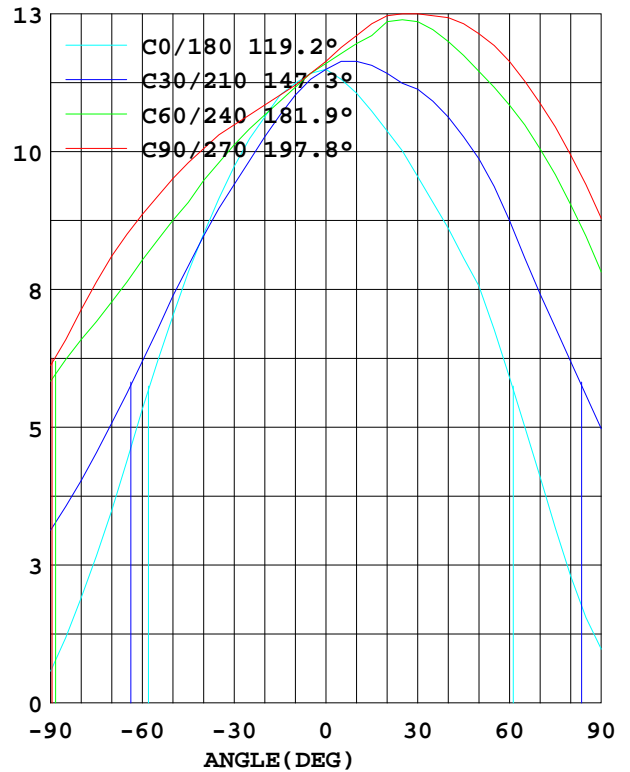
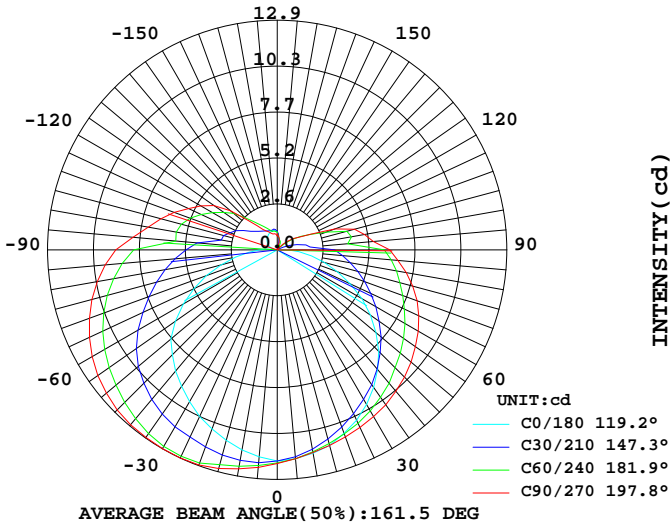
Report number:

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

DATA OF LAMP		I _{max} (cd)	12.91	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.37
NOMINAL POWER(W)	4	TOTAL FLUX(lm)	65.668	Voltage(V)	23.99
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	15.8	Current(A)	0.173
NOMINAL FLUX(lm)	65.7	η up(%)	19.1	Power(W)	4.160
LAMPS QUANTITY	1	η down(%)	80.9	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	32.1	EEL	0.634

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

Color Temperature Data List

Report number:

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

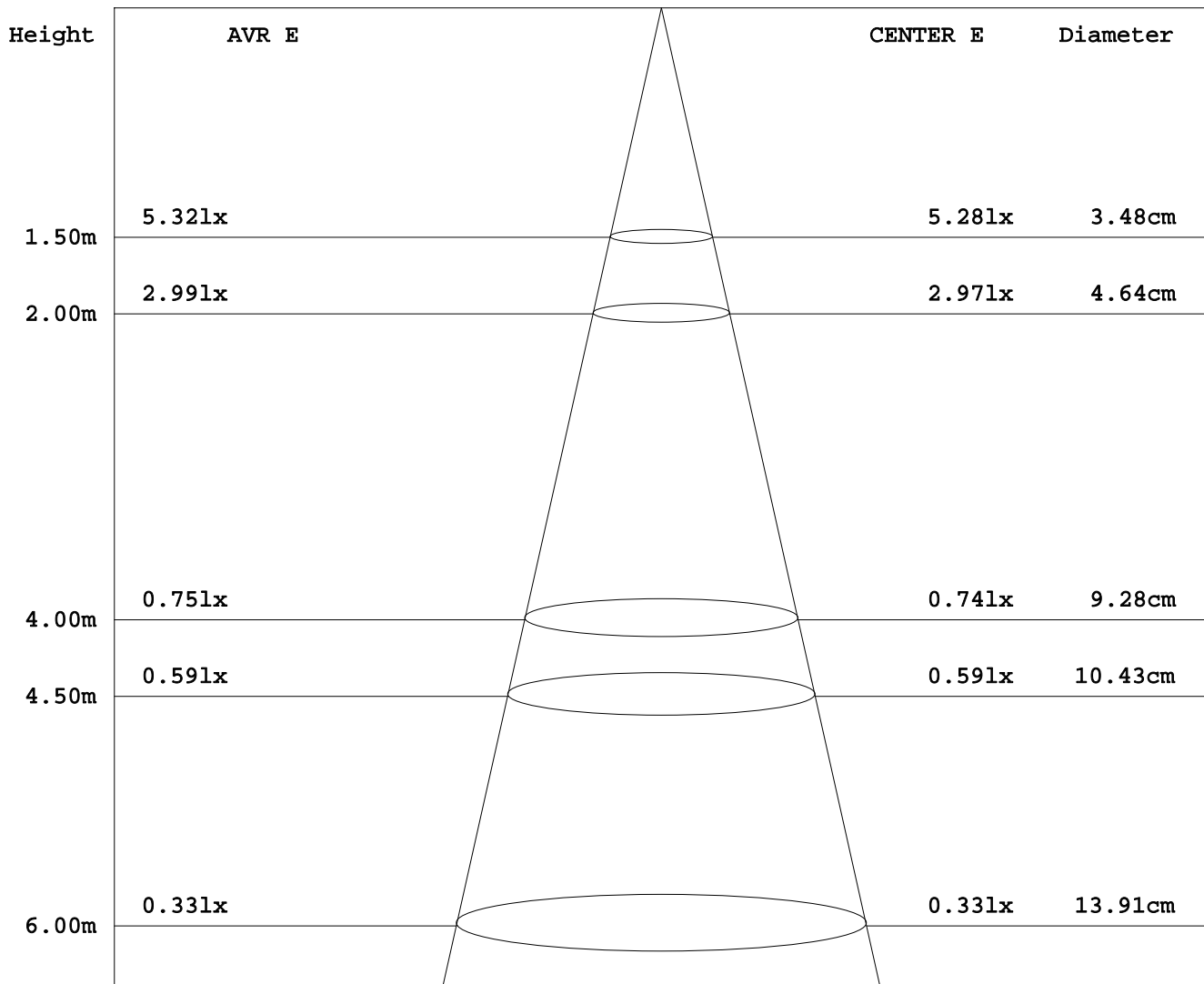
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.100 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

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



Angle: 1.3deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.100 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	11.60	11.46	11.57	11.64	11.42	12.18	12.50	12.20	0- 10	1.136	1.136
20.0	10.97	10.80	11.20	11.05	10.71	12.27	12.87	12.03	10- 20	3.308	4.445
30.0	10.04	10.08	10.82	10.36	9.860	12.13	12.91	11.60	20- 30	5.210	9.655
40.0	8.781	9.265	10.38	9.562	8.893	11.68	12.83	11.01	30- 40	6.698	16.35
50.0	7.255	8.335	9.823	8.669	7.814	11.01	12.53	10.26	40- 50	7.681	24.03
60.0	5.507	7.348	9.153	7.609	6.102	10.12	12.01	9.339	50- 60	8.059	32.09
70.0	3.609	6.381	8.372	6.511	4.241	9.023	11.23	8.242	60- 70	7.827	39.92
80.0	1.972	5.488	7.367	5.432	2.381	7.869	10.26	7.088	70- 80	7.115	47.03
90.0	0.595	4.632	6.325	4.446	1.004	6.604	9.079	5.823	80- 90	6.074	53.11
100.0	0.149	2.939	4.986	3.107	0.223	4.483	7.367	3.609	90-100	4.375	57.48
110.0	0.149	1.841	3.460	2.511	0.409	4.018	6.176	2.381	100-110	3.235	60.72
120.0	0.112	0.819	1.451	1.804	0.595	3.200	4.948	0.949	110-120	2.130	62.85
130.0	0.112	0.335	0.744	1.023	0.744	2.418	3.423	0.521	120-130	1.277	64.13
140.0	0.112	0.093	0.186	0.595	0.893	1.730	1.786	0.205	130-140	0.689	64.82
150.0	0.112	0.130	0.037	0.372	1.004	1.376	1.227	0.186	140-150	0.377	65.19
160.0	0.112	0.353	0.037	0.186	1.079	1.172	1.004	0.242	150-160	0.242	65.44
170.0	0.558	0.577	0.670	0.242	1.116	1.134	0.930	0.279	160-170	0.161	65.60
180.0	1.041	1.023	0.930	0.298	1.041	1.023	0.781	0.316	170-180	0.066	65.66
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

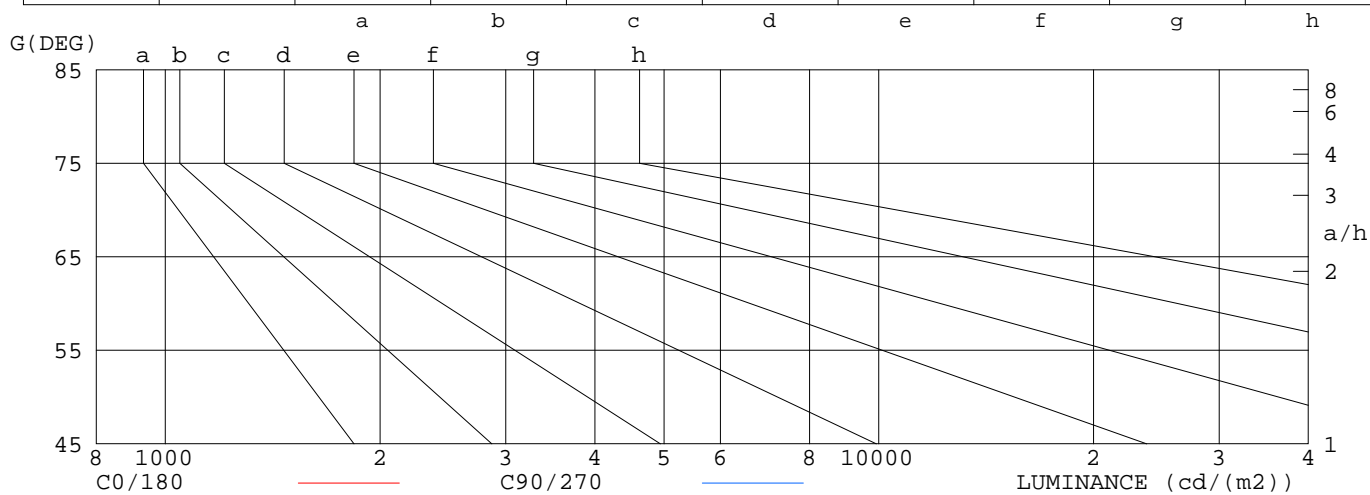
LUMINANCE LIMITATION CURVES

Report number:

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

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
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	141	781
80	114	424
75	106	305
70	106	245
65	107	208
60	110	183
55	112	165
50	113	153
45	114	143

Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

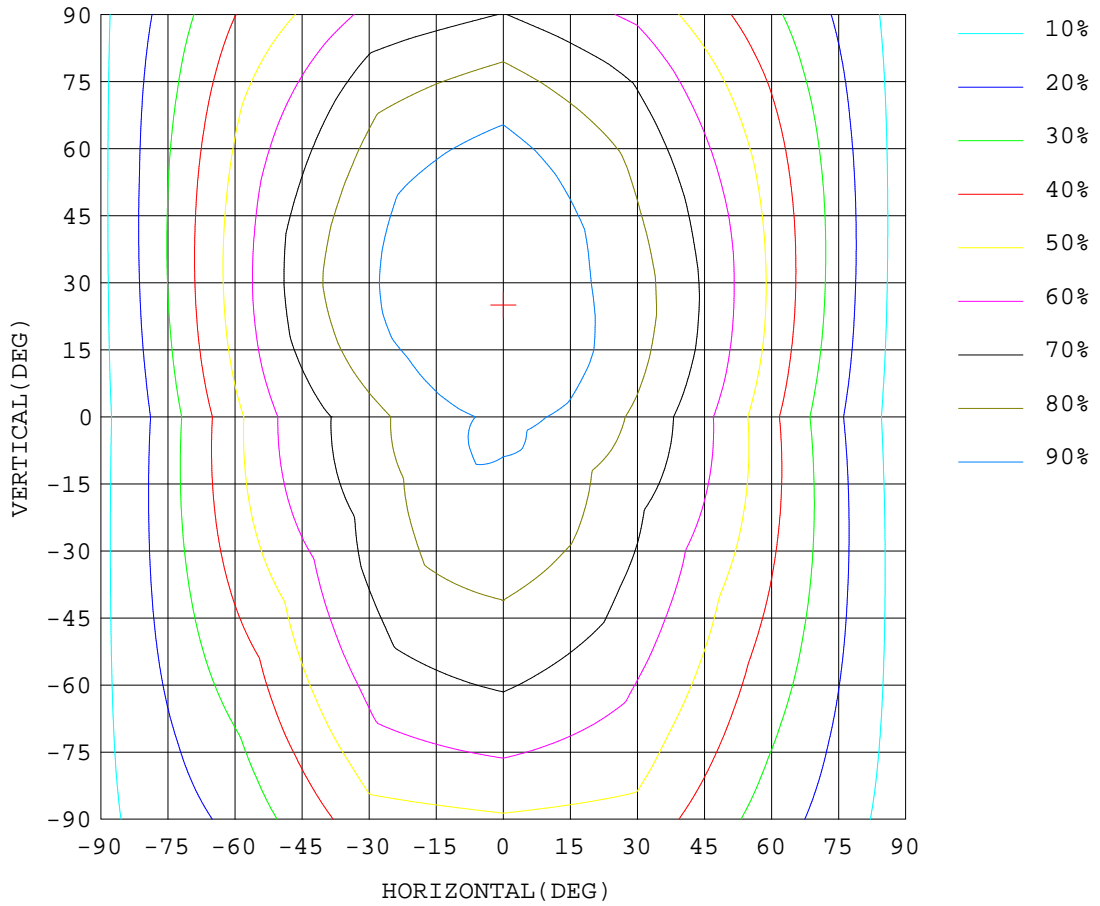
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.100 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



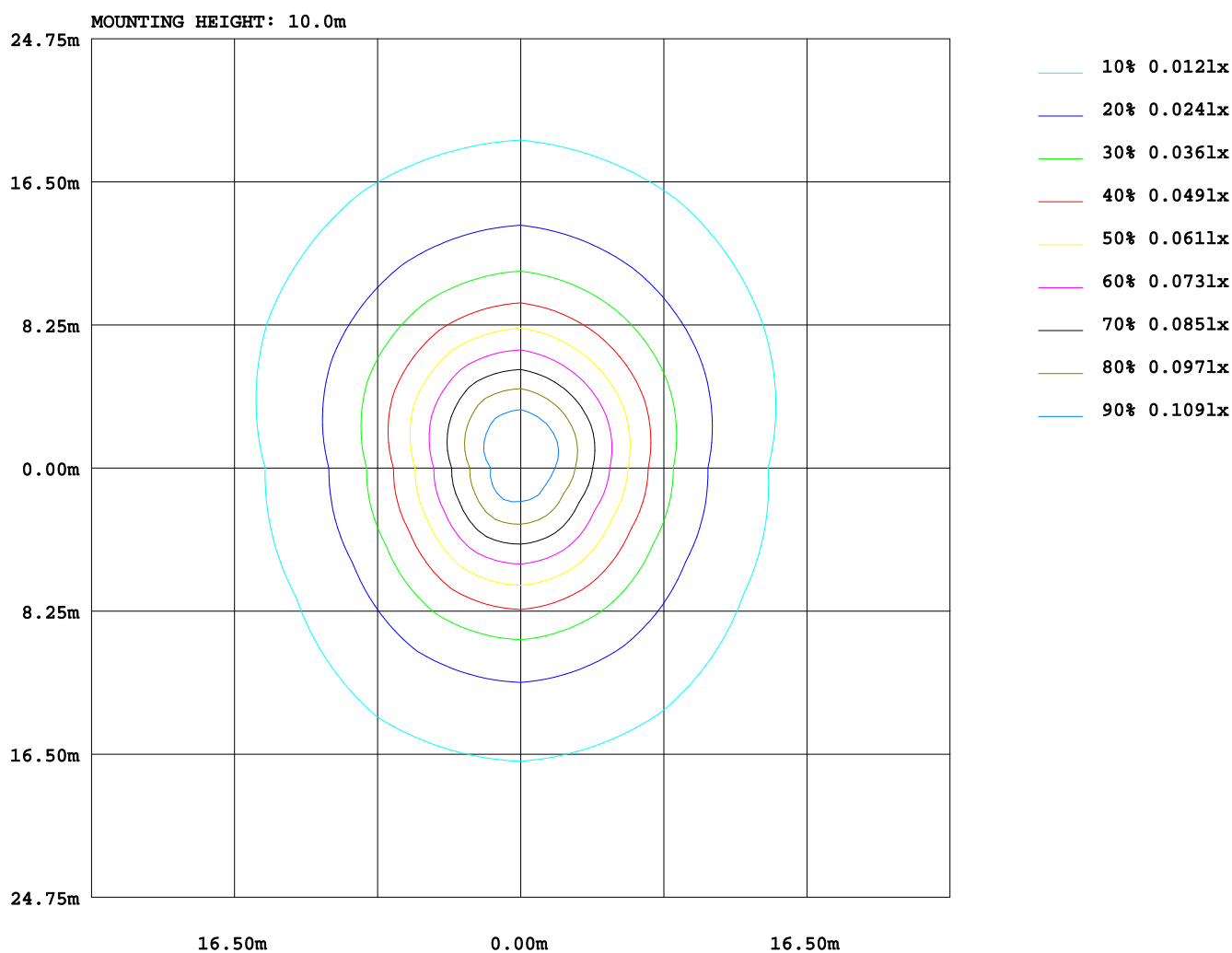
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	
90	0.01	0.03	0.06	0.10	0.15	0.20	0.24	0.27	0.29	0.29	0.26	0.23	0.19	0.13	0.09	0.05	0.02	0.00	2.61	2.44
80	0.01	0.03	0.07	0.12	0.17	0.22	0.27	0.30	0.32	0.32	0.29	0.26	0.21	0.15	0.10	0.06	0.02	0.00	2.91	2.72
70	0.01	0.03	0.07	0.12	0.18	0.24	0.29	0.33	0.35	0.34	0.32	0.28	0.22	0.17	0.11	0.06	0.02	0.00	3.14	2.95
60	0.01	0.03	0.07	0.13	0.19	0.26	0.31	0.35	0.37	0.36	0.33	0.29	0.24	0.18	0.12	0.06	0.03	0.00	3.32	3.12
50	0.01	0.03	0.08	0.14	0.20	0.27	0.32	0.36	0.38	0.38	0.34	0.30	0.25	0.18	0.12	0.07	0.03	0.00	3.45	3.23
40	0.01	0.03	0.08	0.14	0.21	0.27	0.33	0.37	0.39	0.38	0.35	0.31	0.25	0.19	0.12	0.07	0.03	0.00	3.51	3.30
30	0.01	0.03	0.08	0.14	0.21	0.27	0.33	0.37	0.39	0.38	0.35	0.31	0.25	0.19	0.13	0.07	0.03	0.00	3.52	3.31
20	0.01	0.03	0.07	0.13	0.20	0.26	0.32	0.36	0.38	0.38	0.35	0.31	0.25	0.19	0.12	0.07	0.03	0.00	3.45	3.25
10	0.01	0.03	0.07	0.13	0.19	0.24	0.30	0.34	0.37	0.37	0.34	0.30	0.24	0.18	0.12	0.06	0.02	0.00	3.29	3.10
0	0.01	0.03	0.07	0.12	0.18	0.23	0.28	0.33	0.36	0.35	0.33	0.29	0.23	0.17	0.11	0.06	0.02	0.00	3.16	2.98
-10	0.01	0.03	0.07	0.12	0.18	0.23	0.28	0.32	0.35	0.34	0.31	0.27	0.22	0.17	0.11	0.06	0.02	0.00	3.09	2.90
-20	0.01	0.03	0.06	0.11	0.17	0.22	0.27	0.31	0.33	0.33	0.31	0.27	0.21	0.16	0.11	0.06	0.02	0.00	2.99	2.81
-30	0.01	0.03	0.06	0.11	0.16	0.21	0.27	0.30	0.32	0.32	0.29	0.26	0.21	0.15	0.10	0.06	0.02	0.00	2.87	2.69
-40	0.00	0.02	0.06	0.10	0.15	0.20	0.25	0.29	0.30	0.30	0.28	0.24	0.20	0.15	0.10	0.06	0.02	0.00	2.72	2.55
-50	0.00	0.02	0.05	0.09	0.14	0.19	0.24	0.27	0.28	0.28	0.26	0.23	0.19	0.14	0.09	0.05	0.02	0.00	2.55	2.40
-60	0.00	0.02	0.05	0.08	0.13	0.18	0.22	0.25	0.26	0.26	0.24	0.21	0.17	0.13	0.08	0.05	0.02	0.00	2.36	2.22
-70	0.00	0.02	0.04	0.07	0.12	0.16	0.20	0.22	0.24	0.23	0.22	0.20	0.16	0.12	0.08	0.04	0.02	0.00	2.15	2.02
-80	0.00	0.02	0.04	0.06	0.10	0.15	0.18	0.19	0.21	0.20	0.19	0.18	0.15	0.11	0.07	0.04	0.02	0.00	1.90	1.79
-90	0.00	0.02	0.04	0.06	0.10	0.15	0.18	0.19	0.21	0.20	0.19	0.18	0.15	0.11	0.07	0.04	0.02	0.00	1.90	1.79
	-90	-80	-70	-60	-50	-40	-30	-20	20	30	40	50	60	70	80	90				
Φ t	0.09	0.48	1.14	2.02	3.01	4.01	4.90	5.52	5.87	5.82	5.37	4.72	3.84	2.84	1.87	1.03	0.42	0.08	66	
Φ a	0.00	0.00	0.00	2.02	3.01	4.01	4.90	5.52	5.87	5.82	5.37	4.72	3.84	2.84	1.87	0.00	0.00	0.00		32

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

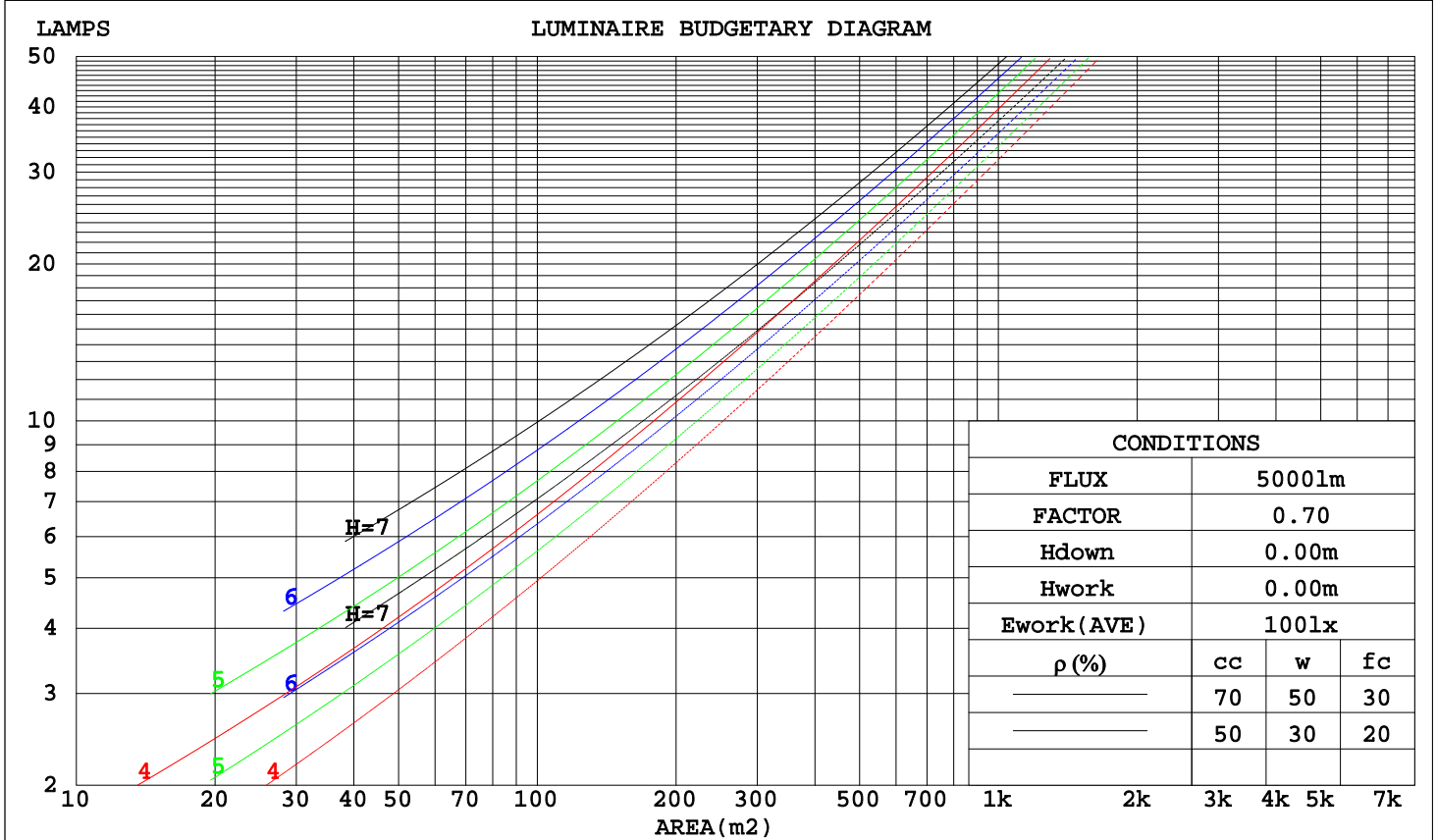
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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						Coefficients of Utilization(CU)									
0.0	1.14	1.14	1.14	1.10	1.10	1.10	1.00	1.00	1.00	.92	.92	.92	.84	.84	.84	.81
1.0	.94	.88	.83	.90	.84	.80	.82	.78	.74	.75	.71	.68	.68	.65	.63	.59
2.0	.80	.71	.64	.76	.69	.62	.69	.63	.58	.63	.58	.54	.57	.53	.50	.46
3.0	.69	.59	.52	.66	.57	.50	.60	.53	.47	.54	.48	.43	.49	.45	.40	.37
4.0	.60	.50	.43	.57	.48	.41	.52	.45	.39	.48	.41	.36	.43	.38	.34	.31
5.0	.53	.43	.36	.51	.42	.35	.46	.39	.33	.42	.36	.31	.39	.33	.29	.26
6.0	.47	.38	.31	.45	.37	.30	.42	.34	.28	.38	.32	.27	.35	.29	.25	.22
7.0	.43	.33	.27	.41	.32	.26	.38	.30	.25	.35	.28	.23	.32	.26	.22	.19
8.0	.39	.30	.24	.37	.29	.23	.34	.27	.22	.32	.25	.21	.29	.23	.19	.17
9.0	.35	.27	.21	.34	.26	.21	.31	.24	.19	.29	.23	.18	.27	.21	.17	.15
10.0	.32	.24	.19	.31	.24	.18	.29	.22	.17	.27	.21	.16	.25	.19	.16	.14



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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	.413	.235	.074	.400	.228	.072	.375	.215	.069	.353	.203	.065	.332	.192	.062	
2.0	.351	.192	.059	.339	.187	.058	.317	.176	.055	.296	.166	.052	.277	.157	.049	
3.0	.309	.164	.049	.298	.160	.048	.278	.150	.046	.259	.142	.044	.242	.134	.041	
4.0	.276	.143	.042	.266	.139	.041	.248	.131	.039	.231	.124	.037	.215	.117	.036	
5.0	.249	.127	.037	.241	.123	.036	.224	.117	.034	.208	.110	.033	.194	.104	.031	
6.0	.228	.114	.033	.220	.111	.032	.204	.105	.030	.190	.099	.029	.177	.093	.028	
7.0	.209	.103	.029	.202	.101	.029	.188	.095	.027	.175	.090	.026	.163	.085	.025	
8.0	.194	.095	.027	.187	.092	.026	.174	.087	.025	.162	.082	.024	.151	.077	.023	
9.0	.180	.087	.024	.174	.085	.024	.162	.080	.023	.151	.076	.022	.141	.071	.021	
10.0	.168	.081	.022	.162	.078	.022	.152	.074	.021	.141	.070	.020	.132	.066	.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																
1.0	.336	.336	.336	.287	.287	.287	.196	.196	.196	.113	.113	.113	.036	.036	.036	
2.0	.328	.279	.239	.281	.241	.206	.193	.166	.144	.111	.097	.084	.036	.031	.027	
3.0	.321	.263	.217	.275	.227	.189	.189	.158	.132	.109	.092	.078	.035	.030	.026	
4.0	.313	.251	.204	.268	.217	.177	.185	.151	.125	.107	.088	.074	.034	.029	.024	
5.0	.305	.241	.194	.262	.209	.169	.180	.146	.119	.104	.086	.071	.034	.028	.023	
6.0	.297	.233	.187	.255	.202	.163	.176	.141	.115	.102	.083	.069	.033	.027	.023	
7.0	.290	.227	.182	.249	.197	.159	.172	.138	.113	.100	.081	.067	.032	.027	.022	
8.0	.283	.221	.179	.244	.192	.156	.169	.135	.110	.098	.079	.066	.032	.026	.022	
9.0	.277	.216	.176	.238	.188	.153	.165	.132	.109	.096	.078	.065	.031	.026	.022	
10.0	.271	.212	.173	.233	.184	.151	.162	.130	.107	.094	.077	.064	.031	.025	.021	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 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		3.3	4.7	3.8	5.2	5.8	5.4	6.8	5.9	7.3	7.9
	3H	5.0	6.3	5.6	6.9	7.5	8.3	9.6	8.8	10.1	10.8
	4H	5.8	7.1	6.4	7.7	8.3	9.9	11.1	10.5	11.7	12.4
	6H	6.6	7.7	7.2	8.3	9.0	11.6	12.8	12.2	13.4	14.1
	8H	6.9	8.0	7.5	8.6	9.3	12.6	13.7	13.2	14.3	15.0
	12H	7.2	8.2	7.8	8.9	9.6	13.7	14.8	14.3	15.4	16.1
	4H 2H	4.4	5.7	5.0	6.3	6.9	6.0	7.2	6.5	7.8	8.4
	3H	6.5	7.6	7.1	8.2	8.9	9.1	10.2	9.7	10.8	11.5
	4H	7.5	8.5	8.1	9.1	9.9	10.9	11.9	11.6	12.6	13.3
	6H	8.4	9.3	9.1	10.0	10.8	12.9	13.8	13.6	14.5	15.2
	8H	8.8	9.7	9.5	10.4	11.2	14.0	14.8	14.7	15.5	16.3
	12H	9.2	10.0	9.9	10.7	11.5	15.3	16.0	15.9	16.7	17.5
	8H 4H	8.6	9.5	9.3	10.2	10.9	11.3	12.2	12.0	12.8	13.6
	6H	10.0	10.7	10.7	11.4	12.2	13.6	14.4	14.4	15.1	15.9
	8H	10.6	11.2	11.3	12.0	12.8	15.0	15.6	15.7	16.3	17.2
	12H	11.2	11.8	12.0	12.5	13.4	16.5	17.1	17.3	17.8	18.7
	12H 4H	9.0	9.8	9.7	10.5	11.3	11.4	12.1	12.0	12.8	13.6
	6H	10.6	11.2	11.3	12.0	12.8	13.8	14.4	14.5	15.2	16.0
	8H	11.4	12.0	12.1	12.7	13.6	15.2	15.8	16.0	16.5	17.4
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 / - 0.2				
2.0H		+ 0.2 / - 0.4					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 65.66 lm Total Lamp Luminous Flux. (8log(F/F0) = -9.5)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 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	46	33	25	44	32	25	43	31	25	18	
0.80	55	41	33	53	40	32	50	39	32	24	
1.00	62	49	40	60	48	39	57	48	38	29	
1.25	69	56	47	67	54	46	62	52	44	34	
1.50	74	61	52	71	60	51	67	57	49	38	
2.00	82	70	61	79	68	60	73	64	57	45	
2.50	86	75	67	83	73	65	76	68	62	49	
3.00	90	80	72	87	78	70	80	72	66	52	
4.00	95	87	79	91	83	77	84	78	72	57	
5.00	98	91	84	94	87	82	86	81	76	61	
ROOM INDEX	UF(total)									Direct	
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25			

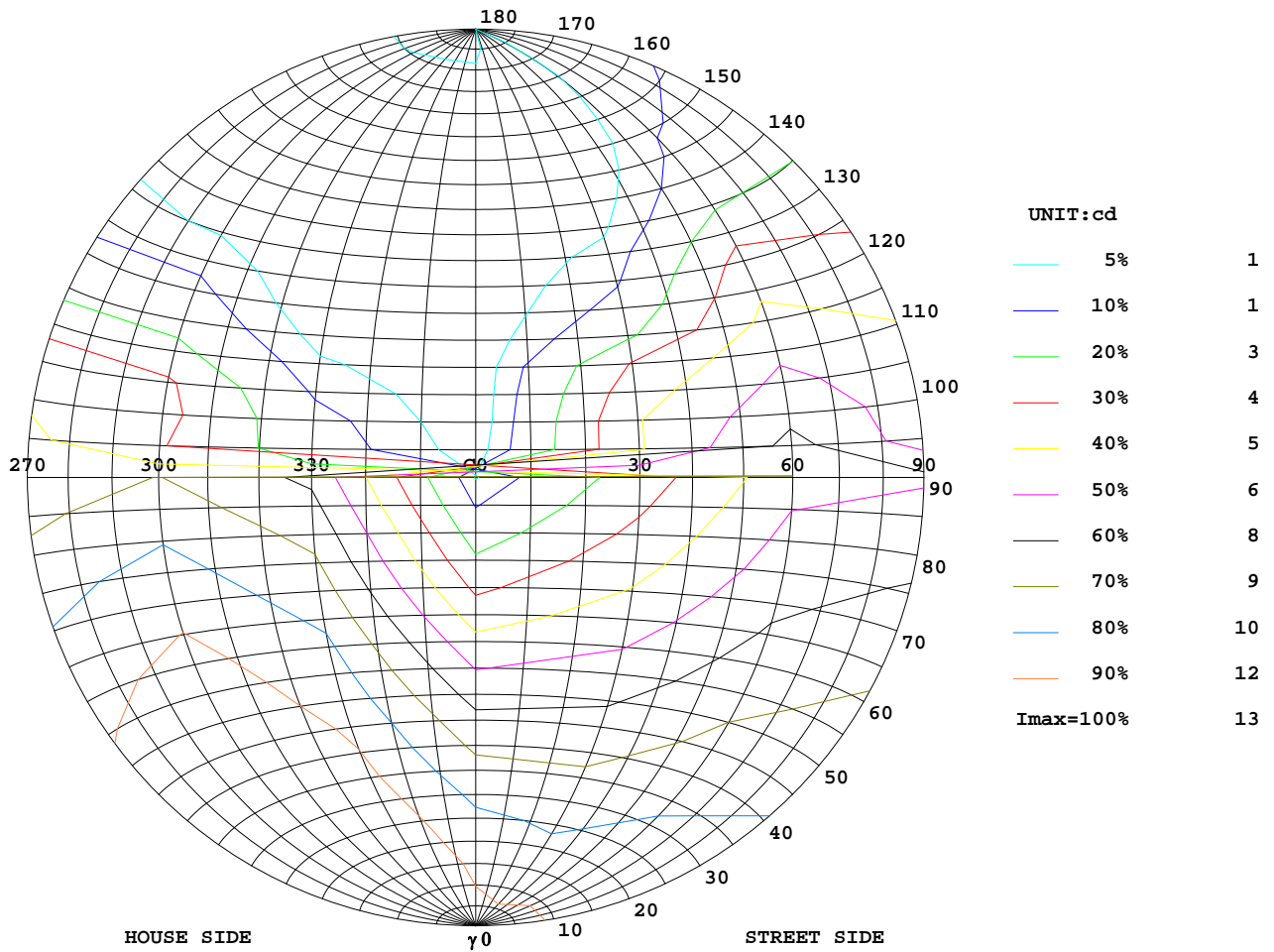
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

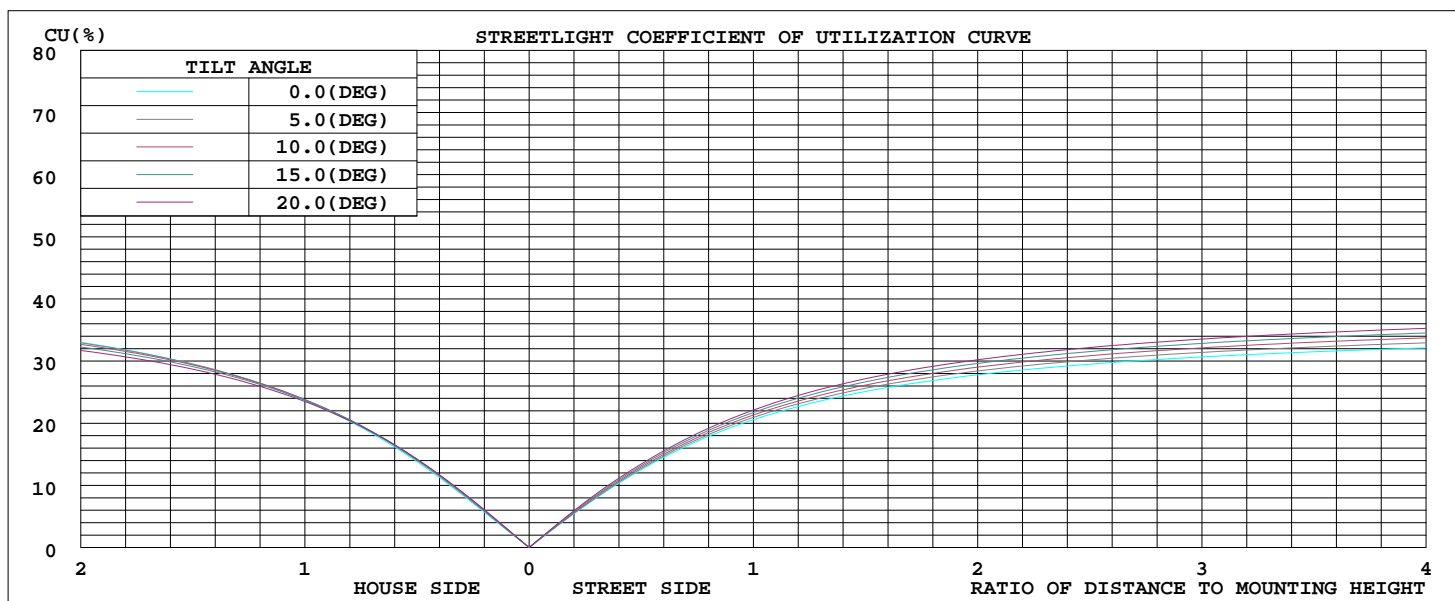
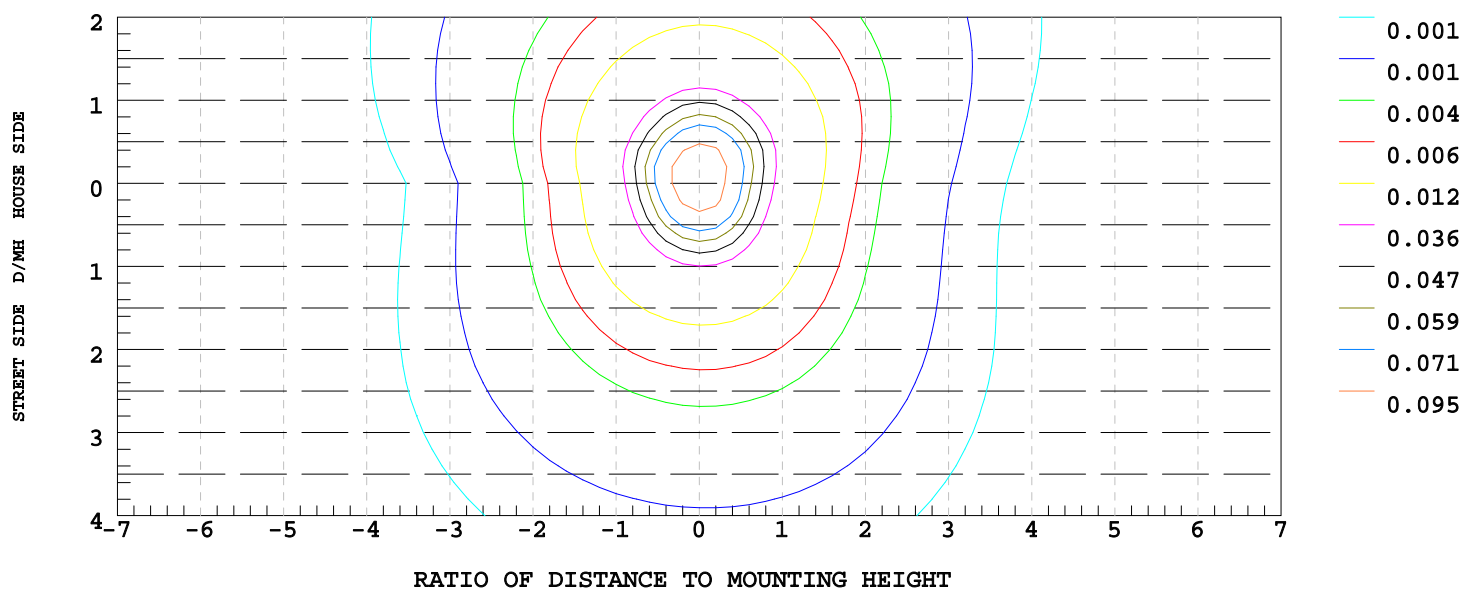
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.12 lx



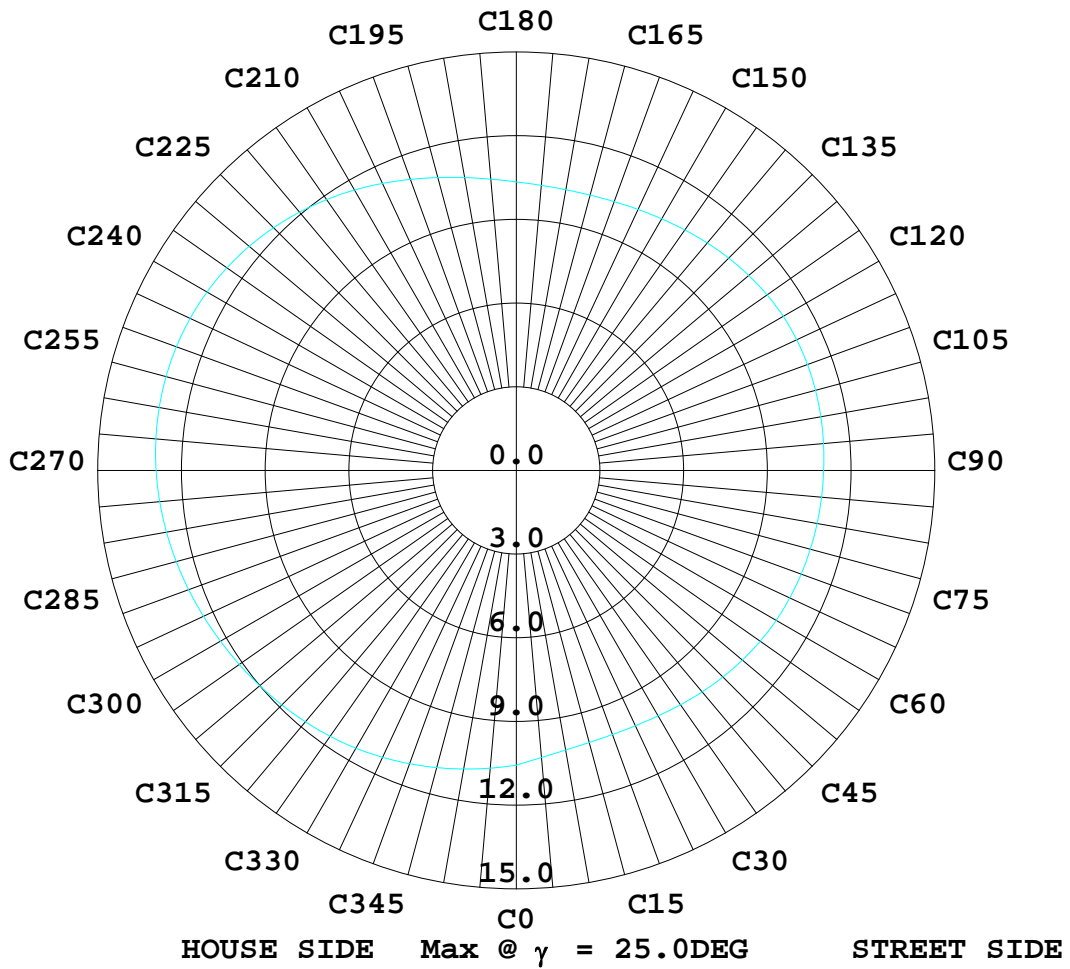
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.100 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

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

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	11.8	11.8	11.9	12.0	12.1	11.9	11.8	11.8	11.9	12.0	12.1	11.9
5.0	11.7	11.6	11.7	11.7	11.9	11.8	11.6	12.0	12.1	12.2	12.2	12.0
10.0	11.6	11.3	11.5	11.5	11.7	11.5	11.4	12.0	12.3	12.5	12.3	12.0
15.0	11.3	11.0	11.2	11.3	11.4	11.2	11.0	11.9	12.5	12.7	12.3	11.9
20.0	10.9	10.6	11.0	11.2	11.2	10.8	10.7	11.7	12.7	12.8	12.3	11.7
25.0	10.5	10.1	10.7	11.0	11.0	10.4	10.3	11.6	12.8	12.9	12.2	11.4
30.0	10.0	9.71	10.4	10.8	10.7	9.97	9.86	11.4	12.7	12.9	12.0	11.1
35.0	9.45	9.26	10.1	10.6	10.4	9.48	9.37	11.2	12.6	12.8	11.8	10.7
40.0	8.78	8.74	9.78	10.3	10.1	8.96	8.89	10.9	12.3	12.8	11.6	10.3
45.0	8.07	8.18	9.37	10.1	9.82	8.52	8.33	10.6	12.1	12.7	11.4	9.93
50.0	7.25	7.62	9.04	9.82	9.45	7.88	7.81	10.1	11.8	12.5	11.1	9.37
55.0	6.40	6.99	8.66	9.48	9.07	7.21	6.99	9.67	11.5	12.3	10.8	8.74
60.0	5.50	6.40	8.29	9.15	8.70	6.51	6.10	9.04	11.2	12.0	10.5	8.14
65.0	4.53	5.80	7.88	8.78	8.26	5.84	5.17	8.33	10.8	11.6	10.1	7.47
70.0	3.60	5.24	7.51	8.37	7.85	5.17	4.24	7.66	10.3	11.2	9.67	6.80
75.0	2.75	4.68	7.14	7.88	7.40	4.53	3.27	7.03	9.89	10.7	9.19	6.13
80.0	1.97	4.16	6.80	7.36	6.92	3.94	2.38	6.40	9.33	10.2	8.70	5.46
85.0	1.22	3.68	6.43	6.80	6.47	3.38	1.60	5.76	8.74	9.71	8.11	4.80
90.0	0.60	3.23	6.02	6.32	5.99	2.90	1.00	5.13	8.07	9.07	7.47	4.16
95.0	0.30	1.86	3.98	5.43	4.39	2.23	0.56	4.53	5.73	8.14	5.06	3.46
100.0	0.15	1.63	4.24	4.98	4.35	1.86	0.22	3.20	5.76	7.36	5.09	2.12
105.0	0.15	1.15	4.05	4.50	4.05	1.52	0.30	3.12	5.58	6.77	4.61	1.15
110.0	0.15	0.74	2.93	3.46	3.72	1.30	0.41	2.82	5.20	6.17	3.94	0.82
115.0	0.15	0.37	2.08	2.12	3.34	1.00	0.48	2.56	4.72	5.50	2.38	0.48
120.0	0.11	0.11	1.52	1.45	2.86	0.74	0.60	2.19	4.20	4.94	1.63	0.26
125.0	0.11	0.07	1.04	1.11	2.04	0.63	0.67	1.82	3.68	4.35	1.19	0.19
130.0	0.11	0.07	0.60	0.74	1.45	0.60	0.74	1.63	3.20	3.42	0.86	0.19
135.0	0.11	0.04	0.22	0.45	1.07	0.48	0.82	1.48	2.56	2.38	0.52	0.15
140.0	0.11	0.04	0.15	0.19	0.82	0.37	0.89	1.37	2.08	1.78	0.30	0.11
145.0	0.11	0.07	0.15	0.04	0.67	0.22	0.93	1.30	1.74	1.41	0.15	0.19
150.0	0.11	0.07	0.19	0.04	0.60	0.15	1.00	1.22	1.52	1.22	0.04	0.33
155.0	0.11	0.11	0.41	0.04	0.37	0.07	1.04	1.19	1.33	1.11	0.04	0.37
160.0	0.11	0.19	0.52	0.04	0.19	0.19	1.07	1.15	1.19	1.00	0.04	0.45
165.0	0.33	0.30	0.56	0.45	0.11	0.30	1.11	1.15	1.07	0.93	0.04	0.48
170.0	0.56	0.52	0.63	0.67	0.11	0.37	1.11	1.19	1.07	0.93	0.04	0.52
175.0	0.86	0.89	0.78	0.78	0.07	0.48	1.07	1.15	1.04	0.89	0.04	0.56
180.0	1.04	1.04	1.00	0.93	0.15	0.45	1.04	1.04	1.00	0.78	0.04	0.60

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks: