

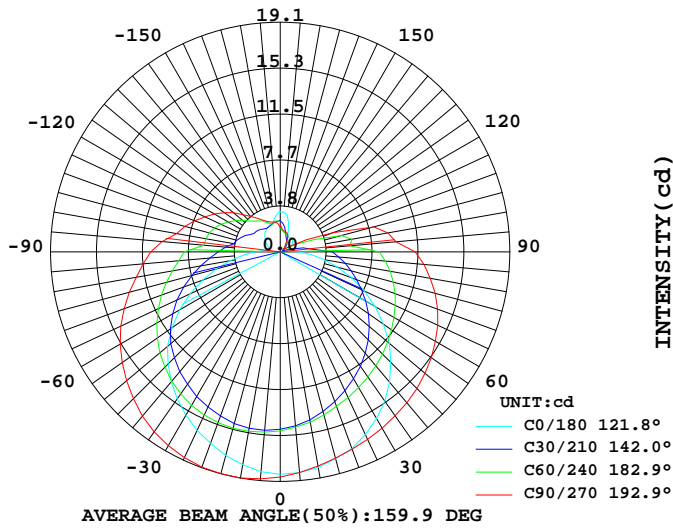
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

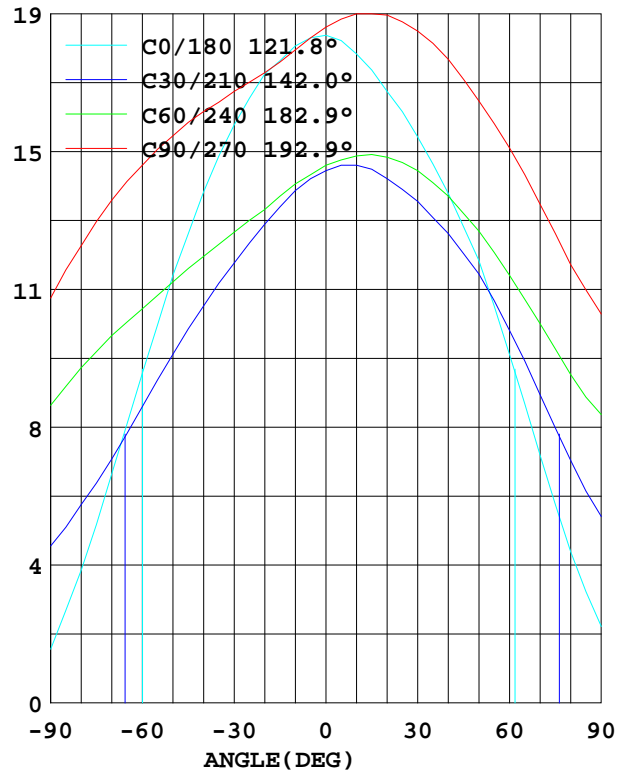
MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	19.12	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.37
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	87.821	Voltage(V)	23.53
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	7.6	Current(A)	0.489
NOMINAL FLUX(lm)	87.8	η up(%)	19.4	Power(W)	11.53
LAMPS QUANTITY	1	η down(%)	80.6	Power Factor(PF)	1.000
TEST VOLTAGE(V)	23.5	Effective Flux(lm)	43.5	EEL	1.452

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:

Color Temperature Data List

Report number:

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

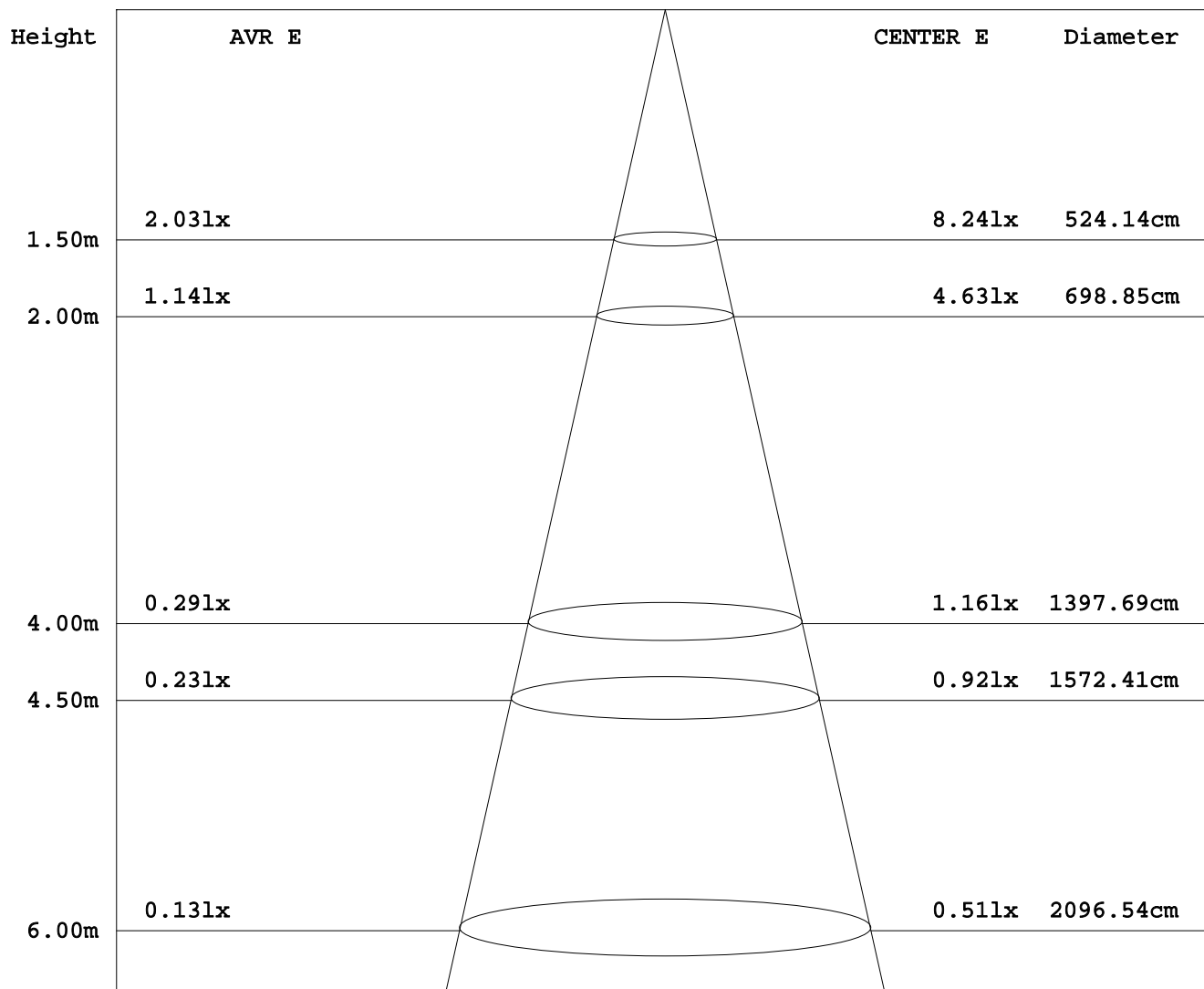
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-27-2025

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: 120.4deg

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:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	18.23	14.30	18.12	16.57	18.00	15.05	19.12	16.63	0- 10	1.591	1.591
20.0	17.45	13.48	17.48	15.81	16.96	14.84	19.08	15.96	10- 20	4.602	6.193
30.0	16.03	12.63	16.96	14.80	15.70	14.34	18.64	14.95	20- 30	7.174	13.36
40.0	14.17	11.70	16.40	13.67	14.13	13.54	17.86	13.71	30- 40	9.123	22.49
50.0	11.86	10.67	15.73	12.40	12.27	12.50	16.70	12.33	40- 50	10.33	32.82
60.0	9.153	9.581	14.92	11.01	9.674	11.10	15.40	10.69	50- 60	10.70	43.52
70.0	6.362	8.483	13.95	9.637	6.883	9.544	13.84	8.930	60- 70	10.25	53.78
80.0	3.683	7.404	12.68	8.279	4.204	7.925	12.16	7.200	70- 80	9.178	62.96
90.0	1.488	6.307	11.23	7.051	2.120	6.586	10.79	5.879	80- 90	7.784	70.74
100.0	0.558	4.000	9.116	4.762	0.893	5.116	8.781	3.330	90-100	5.636	76.38
110.0	0.744	1.711	4.688	2.716	1.004	4.669	7.590	2.474	100-110	4.121	80.50
120.0	1.079	0.558	1.004	0.465	1.302	3.944	6.325	1.600	110-120	2.442	82.94
130.0	1.376	0.465	0.298	0.186	1.637	3.367	5.097	1.041	120-130	1.521	84.46
140.0	1.488	0.763	0.633	0.112	2.009	2.902	3.869	0.819	130-140	1.148	85.61
150.0	1.413	1.153	1.153	0.093	2.232	2.623	3.088	0.763	140-150	0.899	86.51
160.0	2.009	1.507	1.674	0.074	2.418	2.437	2.679	0.744	150-160	0.679	87.19
170.0	3.162	1.897	1.786	0.093	2.827	2.567	2.530	0.744	160-170	0.456	87.64
180.0	3.311	2.307	2.269	0.093	3.386	2.567	2.046	0.781	170-180	0.172	87.82
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:

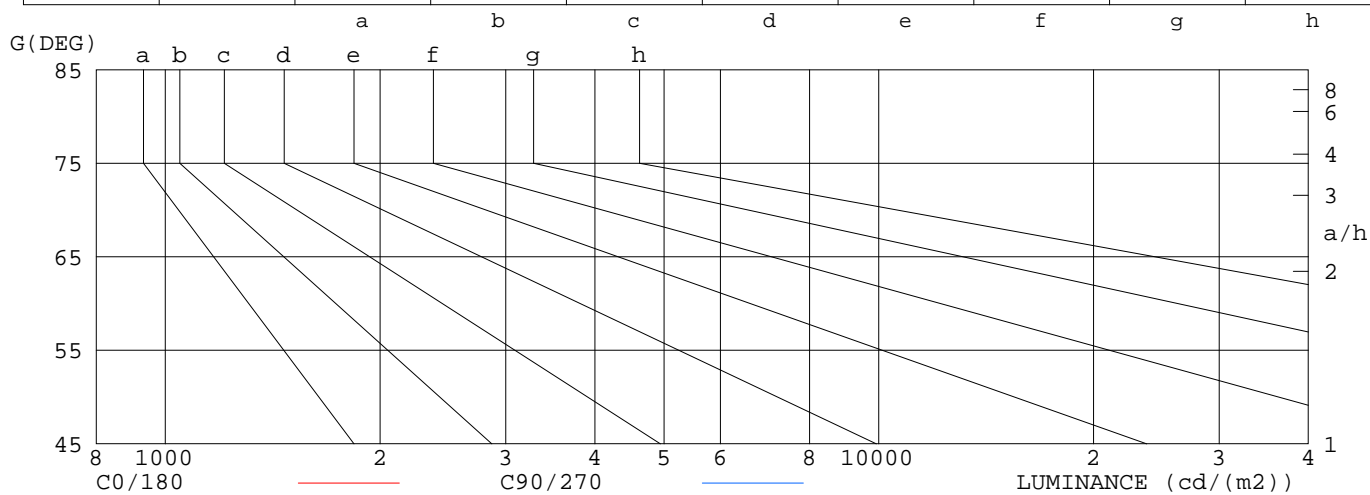
LUMINANCE LIMITATION CURVES

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	295	1379
80	212	731
75	191	516
70	186	408
65	183	343
60	183	298
55	183	268
50	185	245
45	184	228

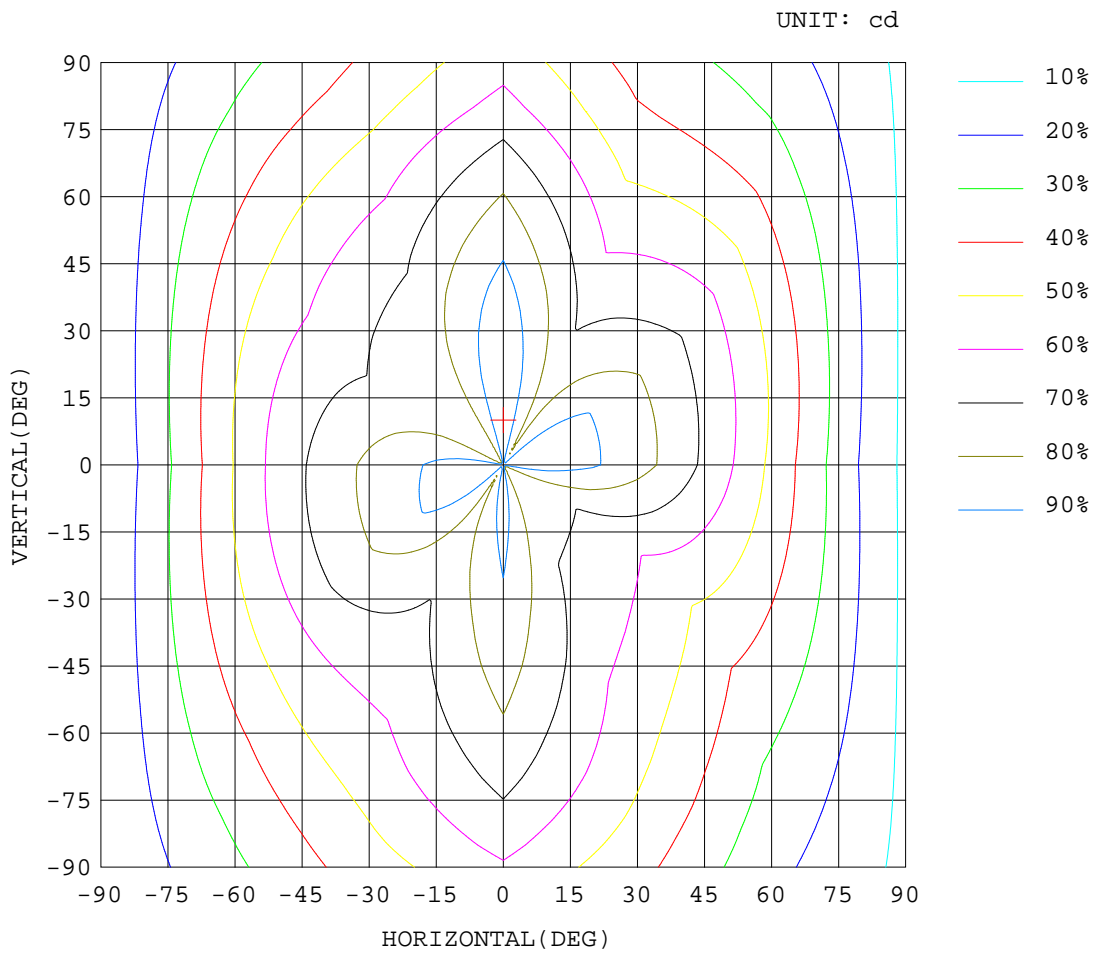
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

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.:



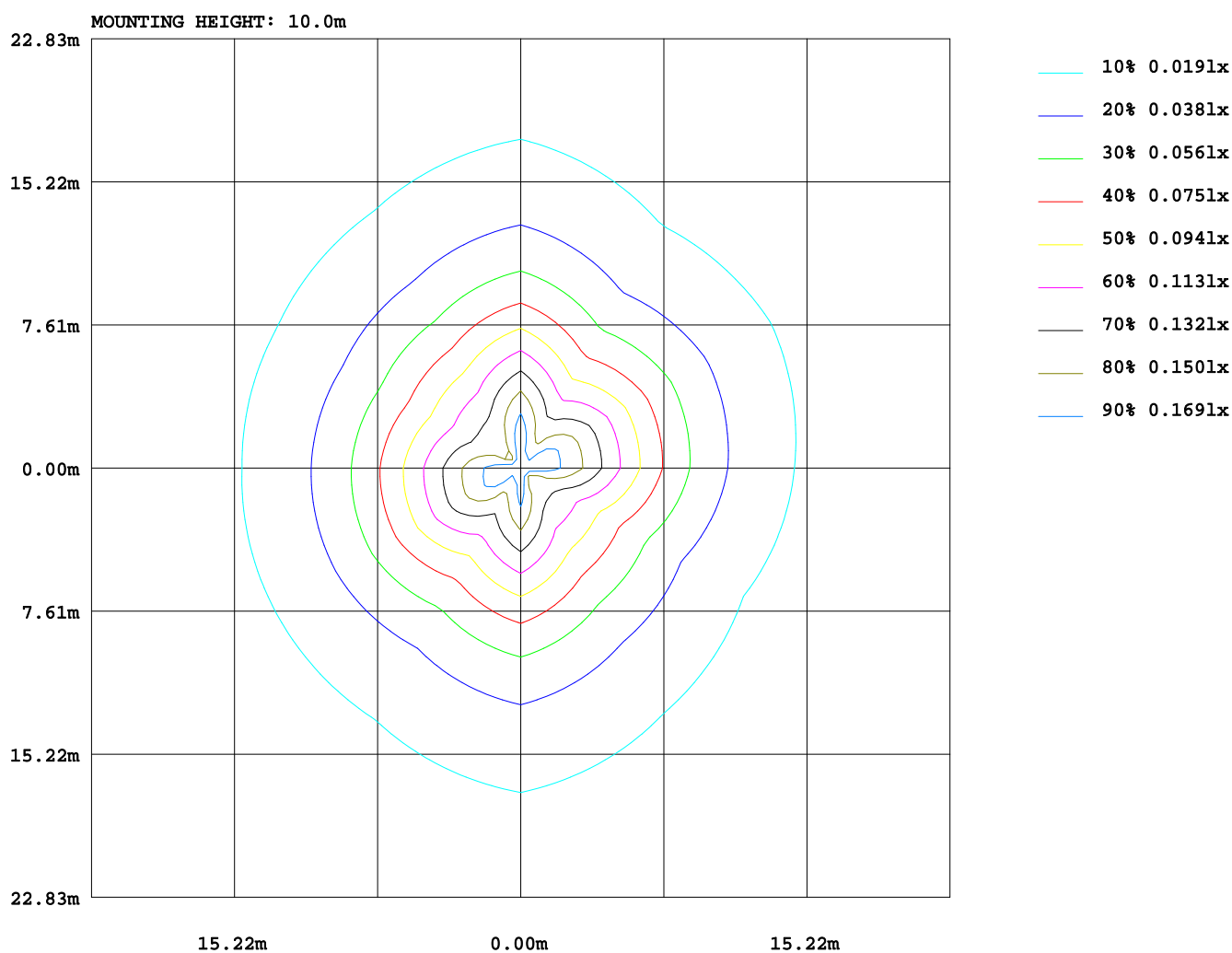
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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

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	0.11	0.15	0.20	0.25	0.29	0.33	0.33	0.28	0.22	0.18	0.14	0.10	0.06	0.03	0.01	2.75	2.56
80	0.01	0.03	0.07	0.12	0.17	0.22	0.28	0.33	0.38	0.37	0.31	0.25	0.20	0.16	0.11	0.07	0.03	0.01	3.11	2.89
70	0.01	0.04	0.08	0.13	0.19	0.25	0.31	0.37	0.42	0.42	0.35	0.27	0.23	0.18	0.13	0.08	0.03	0.01	3.49	3.25
60	0.01	0.04	0.09	0.15	0.21	0.28	0.34	0.40	0.46	0.46	0.38	0.30	0.26	0.21	0.15	0.08	0.04	0.01	3.84	3.58
50	0.01	0.04	0.09	0.16	0.23	0.30	0.36	0.43	0.50	0.49	0.40	0.33	0.29	0.23	0.16	0.09	0.04	0.01	4.14	3.86
40	0.01	0.04	0.10	0.17	0.24	0.31	0.37	0.44	0.52	0.51	0.41	0.36	0.32	0.26	0.17	0.10	0.04	0.01	4.38	4.08
30	0.01	0.05	0.11	0.18	0.26	0.32	0.38	0.44	0.53	0.51	0.42	0.40	0.35	0.27	0.18	0.10	0.04	0.01	4.56	4.24
20	0.01	0.05	0.11	0.19	0.27	0.34	0.39	0.43	0.51	0.50	0.47	0.45	0.37	0.28	0.19	0.10	0.04	0.01	4.70	4.38
10	0.01	0.05	0.11	0.19	0.28	0.36	0.43	0.47	0.48	0.52	0.52	0.46	0.38	0.28	0.19	0.10	0.04	0.01	4.88	4.56
0	0.01	0.05	0.11	0.19	0.28	0.37	0.45	0.52	0.52	0.47	0.45	0.42	0.36	0.27	0.18	0.10	0.04	0.01	4.79	4.48
-10	0.01	0.05	0.11	0.19	0.28	0.37	0.44	0.46	0.48	0.47	0.39	0.35	0.31	0.24	0.17	0.10	0.04	0.01	4.46	4.15
-20	0.01	0.05	0.11	0.18	0.27	0.35	0.40	0.42	0.48	0.48	0.39	0.33	0.27	0.22	0.16	0.09	0.04	0.01	4.23	3.93
-30	0.01	0.04	0.10	0.17	0.25	0.32	0.36	0.40	0.48	0.47	0.39	0.33	0.26	0.20	0.14	0.09	0.04	0.01	4.05	3.76
-40	0.01	0.04	0.10	0.16	0.23	0.29	0.34	0.40	0.46	0.46	0.39	0.32	0.25	0.19	0.13	0.08	0.04	0.01	3.88	3.61
-50	0.01	0.04	0.09	0.15	0.21	0.27	0.32	0.39	0.44	0.44	0.38	0.31	0.24	0.18	0.12	0.07	0.03	0.01	3.70	3.45
-60	0.01	0.04	0.08	0.14	0.19	0.25	0.31	0.37	0.42	0.42	0.36	0.30	0.23	0.17	0.11	0.07	0.03	0.01	3.49	3.26
-70	0.01	0.03	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.39	0.34	0.28	0.22	0.16	0.10	0.06	0.03	0.01	3.24	3.03
-80	0.01	0.03	0.07	0.11	0.16	0.21	0.27	0.31	0.35	0.35	0.30	0.26	0.20	0.14	0.09	0.05	0.02	0.01	2.94	2.75
-90	0.01	0.03	0.07	0.11	0.16	0.21	0.27	0.31	0.35	0.35	0.30	0.26	0.20	0.14	0.09	0.05	0.02	0.01	2.94	2.75
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90
Φ t	0.16	0.73	1.64	2.80	4.06	5.25	6.28	7.20	8.15	8.03	6.91	5.92	4.91	3.77	2.57	1.49	0.64	0.13	88	
Φ a	0.00	0.00	0.00	2.80	4.06	5.25	6.28	7.20	8.15	8.03	6.91	5.92	4.91	3.77	2.57	0.00	0.00	0.00		44

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

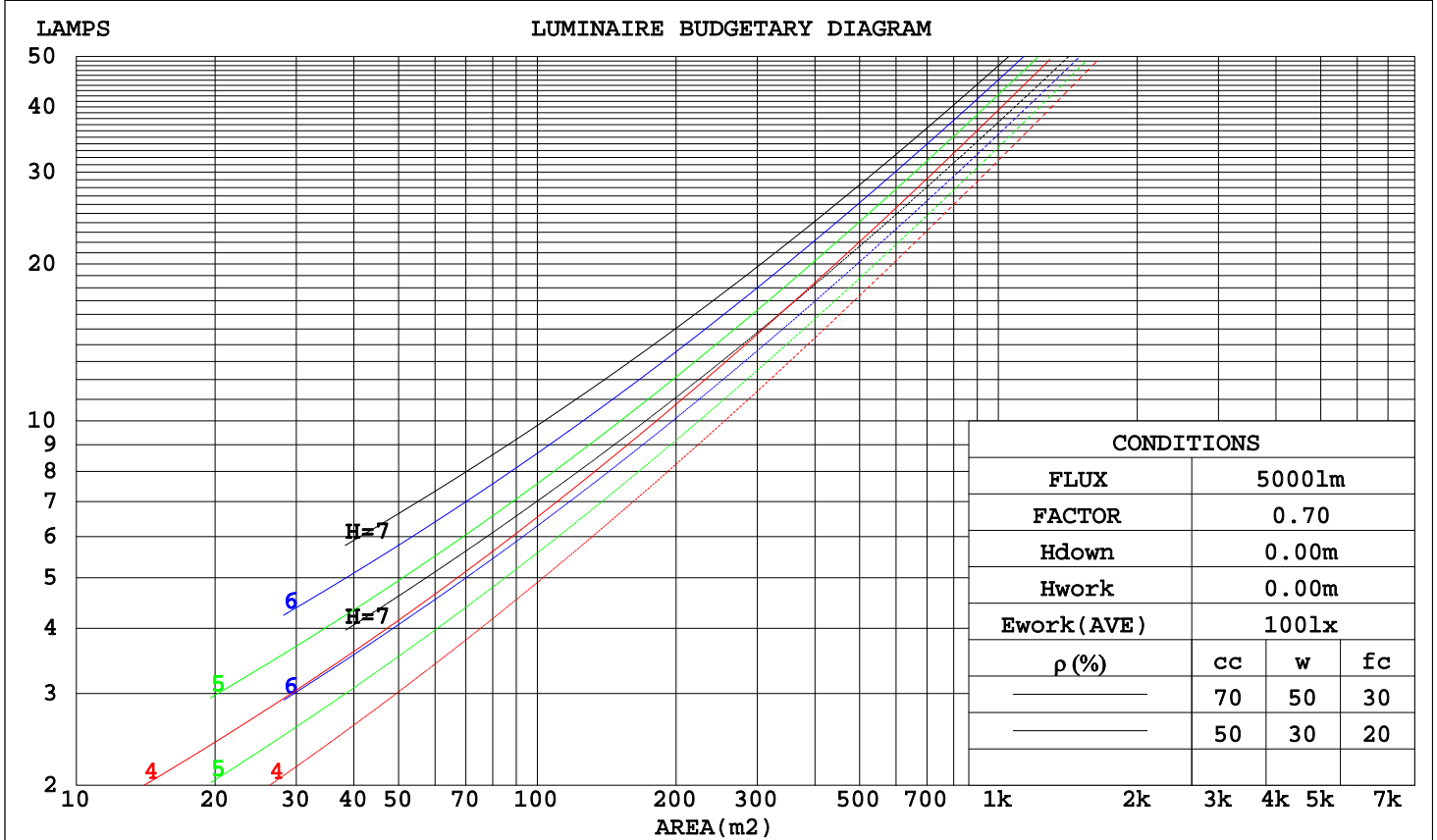
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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	1.09	1.09	1.09	1.00	1.00	1.00	.92	.92	.92	.84	.84	.84	.81
1.0	.94	.89	.83	.90	.85	.80	.82	.78	.74	.75	.71	.68	.68	.65	.63	.59
2.0	.80	.72	.65	.76	.69	.63	.70	.64	.58	.63	.58	.54	.57	.54	.50	.47
3.0	.69	.60	.52	.66	.58	.51	.60	.53	.47	.55	.49	.44	.50	.45	.41	.38
4.0	.61	.51	.43	.58	.49	.42	.53	.45	.39	.48	.42	.37	.44	.39	.34	.31
5.0	.54	.44	.37	.51	.42	.36	.47	.39	.33	.43	.36	.31	.39	.34	.29	.26
6.0	.48	.38	.32	.46	.37	.31	.42	.34	.29	.38	.32	.27	.35	.30	.25	.23
7.0	.43	.34	.27	.41	.33	.27	.38	.31	.25	.35	.28	.24	.32	.26	.22	.20
8.0	.39	.30	.24	.38	.29	.24	.35	.27	.22	.32	.26	.21	.29	.24	.20	.17
9.0	.36	.27	.22	.34	.26	.21	.32	.25	.20	.29	.23	.19	.27	.22	.18	.16
10.0	.33	.25	.19	.32	.24	.19	.29	.23	.18	.27	.21	.17	.25	.20	.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	.406	.231	.073	.393	.224	.071	.368	.211	.067	.346	.199	.064	.325	.188	.061	
2.0	.346	.190	.058	.335	.184	.057	.312	.174	.054	.291	.164	.051	.272	.154	.049	
3.0	.305	.162	.049	.294	.158	.047	.274	.149	.045	.255	.140	.043	.238	.132	.041	
4.0	.273	.142	.042	.263	.138	.041	.245	.130	.039	.228	.122	.037	.212	.115	.035	
5.0	.247	.126	.037	.238	.122	.036	.222	.115	.034	.206	.109	.032	.192	.102	.031	
6.0	.226	.113	.032	.218	.110	.032	.203	.104	.030	.188	.098	.029	.175	.092	.027	
7.0	.208	.103	.029	.200	.100	.028	.186	.094	.027	.173	.089	.026	.161	.084	.025	
8.0	.192	.094	.026	.186	.091	.026	.173	.086	.025	.161	.081	.023	.149	.077	.022	
9.0	.179	.087	.024	.173	.084	.024	.161	.080	.023	.150	.075	.021	.139	.071	.020	
10.0	.167	.080	.022	.162	.078	.022	.151	.074	.021	.140	.070	.020	.131	.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	.339	.339	.339	.289	.289	.289	.198	.198	.198	.113	.113	.113	.036	.036	.036	
2.0	.336	.305	.276	.288	.261	.238	.197	.180	.164	.113	.104	.096	.036	.034	.031	
3.0	.330	.282	.242	.283	.243	.209	.194	.168	.146	.112	.098	.085	.036	.032	.028	
4.0	.322	.266	.220	.276	.229	.191	.190	.159	.134	.110	.093	.079	.035	.030	.026	
5.0	.315	.253	.207	.270	.219	.179	.186	.153	.126	.107	.089	.075	.035	.029	.025	
6.0	.307	.244	.197	.263	.211	.171	.181	.147	.121	.105	.086	.072	.034	.028	.024	
7.0	.299	.236	.190	.257	.204	.166	.177	.143	.117	.103	.084	.070	.033	.027	.023	
8.0	.292	.229	.185	.251	.199	.161	.174	.139	.114	.101	.082	.068	.033	.027	.023	
9.0	.285	.224	.181	.246	.194	.158	.170	.136	.112	.099	.080	.067	.032	.026	.022	
10.0	.279	.219	.178	.240	.190	.156	.166	.134	.110	.097	.079	.066	.031	.026	.022	
10.0	.273	.215	.176	.235	.186	.154	.163	.131	.109	.095	.078	.065	.031	.025	.022	

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		4.7	6.1	5.2	6.6	7.2	7.0	8.4	7.5	8.9	9.5
	3H	6.7	8.0	7.3	8.6	9.2	10.2	11.5	10.7	12.0	12.7
	4H	7.7	8.9	8.3	9.5	10.1	11.9	13.2	12.5	13.7	14.4
	6H	8.6	9.7	9.2	10.3	11.0	13.9	15.0	14.5	15.6	16.3
	8H	9.0	10.1	9.6	10.7	11.4	15.0	16.1	15.6	16.7	17.4
	12H	9.4	10.5	10.1	11.1	11.8	16.2	17.3	16.8	17.9	18.6
	4H 2H	5.7	6.9	6.3	7.5	8.2	7.4	8.6	8.0	9.2	9.9
	3H	7.9	8.9	8.5	9.6	10.3	10.8	11.9	11.4	12.5	13.2
	4H	9.0	10.0	9.6	10.6	11.3	12.8	13.8	13.4	14.4	15.1
	6H	10.1	11.0	10.8	11.6	12.4	14.9	15.8	15.6	16.5	17.3
	8H	10.6	11.5	11.3	12.1	12.9	16.2	17.0	16.8	17.7	18.5
	12H	11.2	11.9	11.9	12.6	13.4	17.6	18.4	18.3	19.0	19.9
	8H 4H	10.0	10.8	10.7	11.5	12.3	13.0	13.9	13.7	14.6	15.4
	6H	11.4	12.1	12.1	12.8	13.6	15.5	16.2	16.2	16.9	17.8
	8H	12.1	12.7	12.8	13.5	14.3	16.9	17.6	17.7	18.3	19.1
	12H	12.9	13.4	13.6	14.2	15.1	18.6	19.2	19.4	19.9	20.8
	12H 4H	10.4	11.2	11.1	11.9	12.7	13.1	13.8	13.8	14.5	15.3
	6H	12.0	12.6	12.7	13.3	14.2	15.6	16.2	16.3	17.0	17.8
	8H	12.8	13.4	13.6	14.1	15.0	17.1	17.7	17.9	18.4	19.3
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H		+ 0.1 / - 0.2					+ 0.2 / - 0.2				
2.0H		+ 0.2 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 87.82 lm Total Lamp Luminous Flux. (8log(F/F0) = -8.5)

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	26	45	33	26	43	32	25	18	
0.80	55	42	33	53	41	33	50	39	32	24	
1.00	63	49	41	61	48	40	57	49	39	30	
1.25	70	56	48	67	55	47	63	52	45	35	
1.50	75	62	53	72	60	52	67	57	50	39	
2.00	82	70	62	79	68	60	73	64	57	45	
2.50	87	76	68	83	73	66	77	69	62	49	
3.00	91	81	73	87	78	71	80	73	67	53	
4.00	95	87	80	91	84	77	84	78	73	58	
5.00	99	91	85	94	88	82	87	81	77	61	
ROOM INDEX	UF(total)									Direct	
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25			

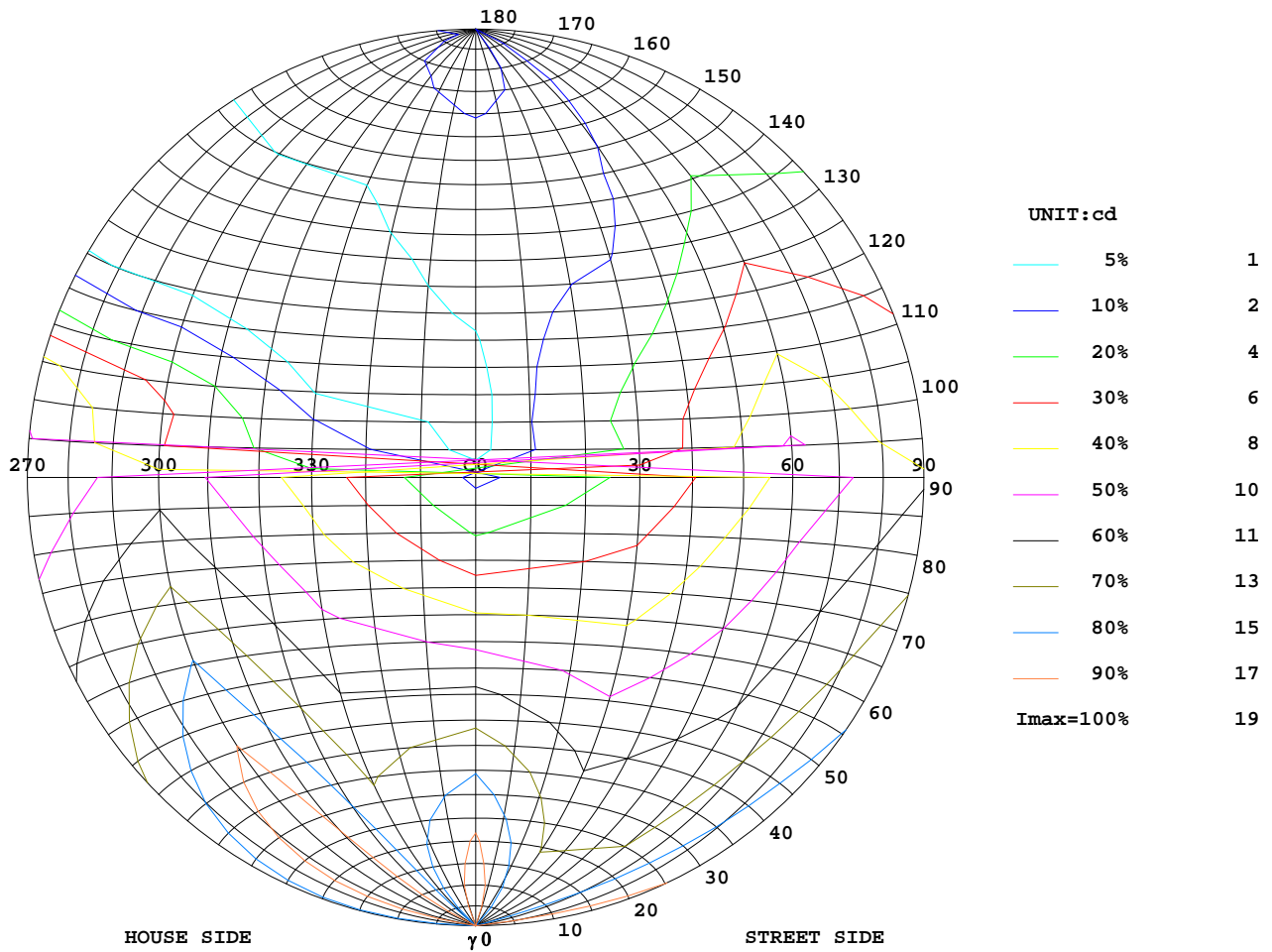
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

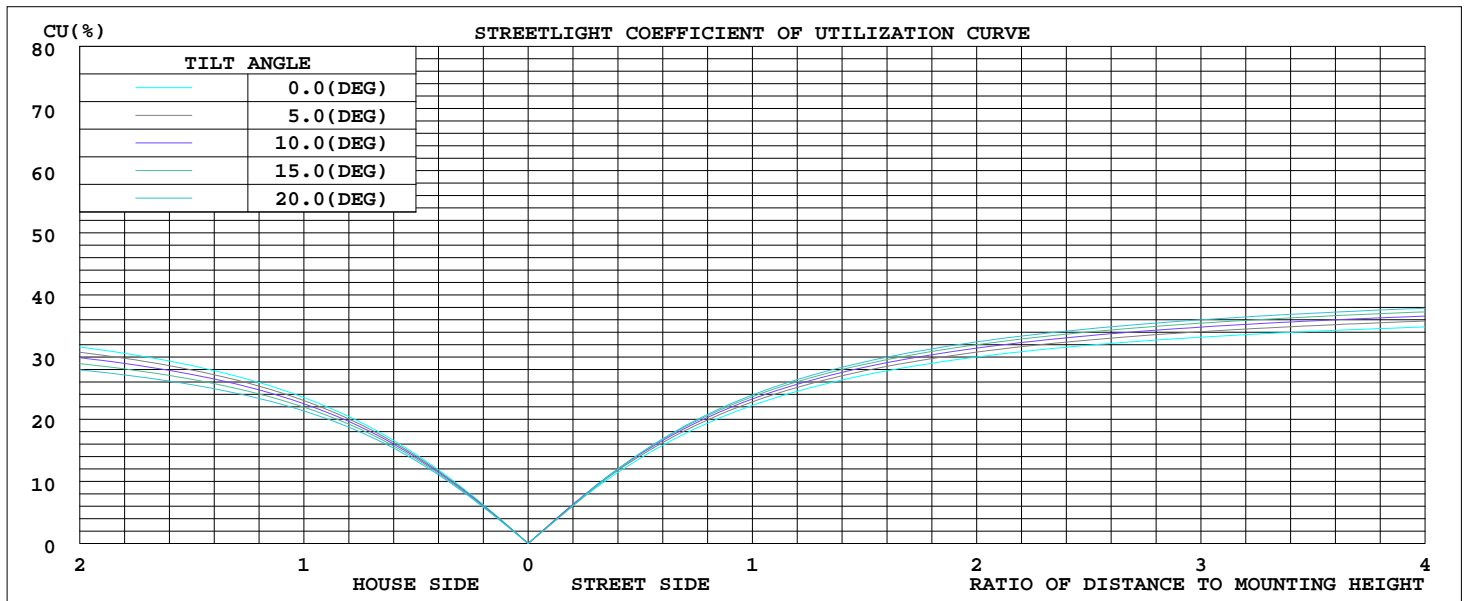
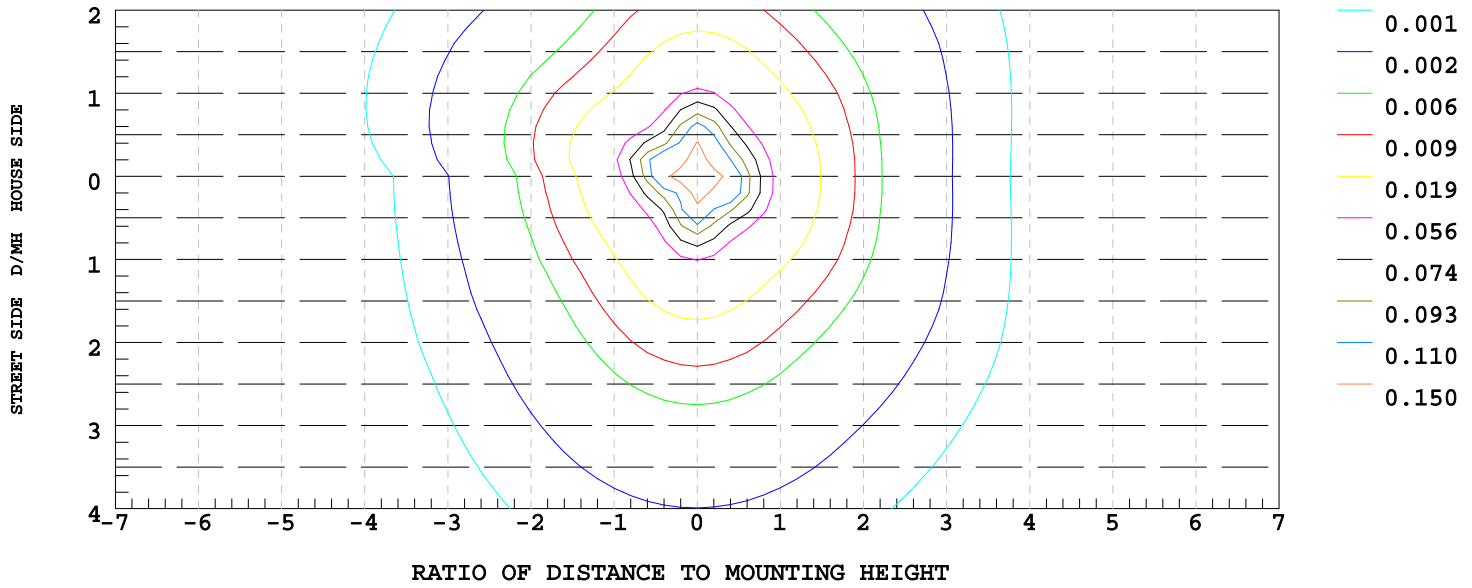
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.100 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.19 lx



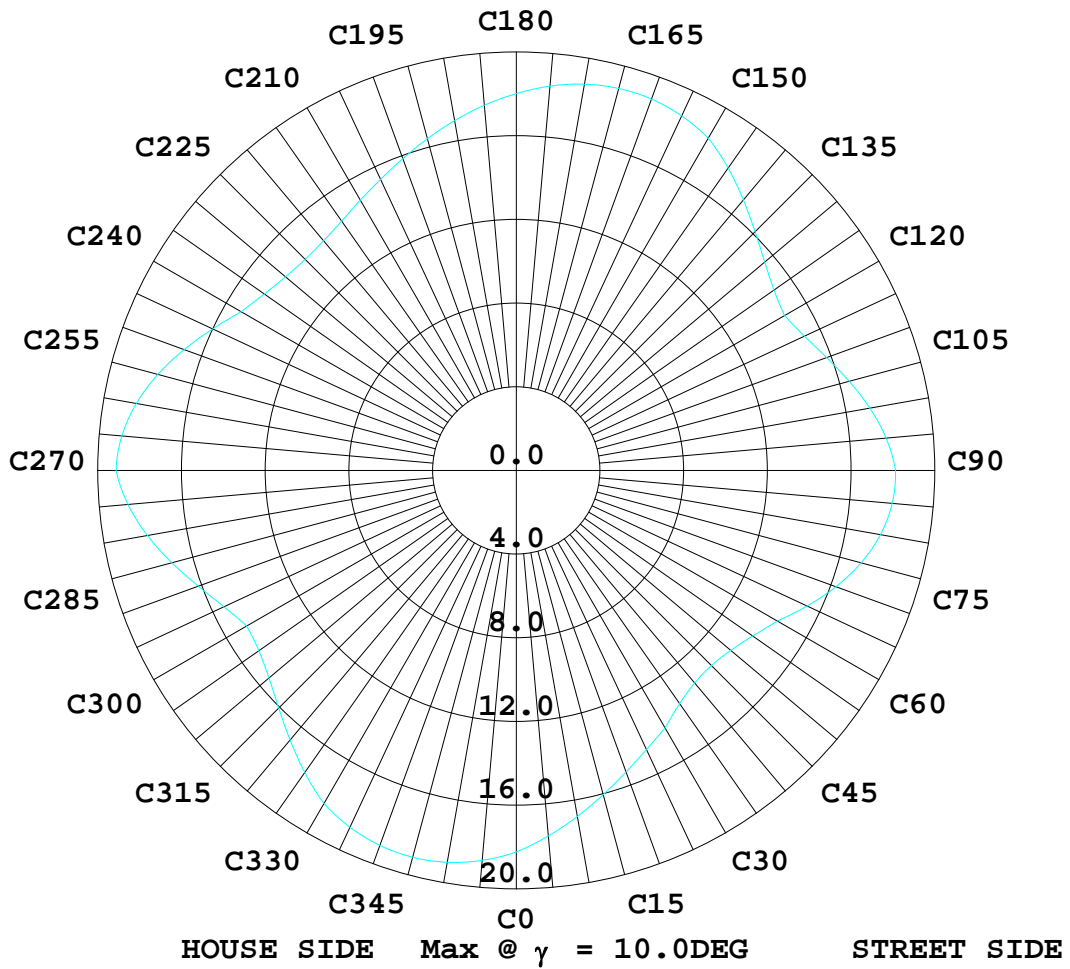
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

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	18.5	14.7	14.9	18.7	15.0	18.7	18.5	14.7	14.9	18.7	15.0	18.7	
5.0	18.4	14.5	14.6	18.4	14.9	18.6	18.3	14.9	15.0	18.9	15.0	18.6	
10.0	18.2	14.2	14.4	18.1	14.8	18.3	18.0	14.9	15.1	19.1	14.8	18.3	
15.0	17.8	13.7	14.0	17.7	14.5	17.8	17.5	14.8	15.2	19.1	14.6	17.9	
20.0	17.4	13.2	13.6	17.4	14.2	17.3	16.9	14.5	15.1	19.0	14.4	17.4	
25.0	16.7	12.7	13.3	17.2	13.9	16.7	16.4	14.2	14.9	18.9	14.1	16.9	
30.0	16.0	12.2	13.0	16.9	13.6	16.0	15.7	13.9	14.7	18.6	13.6	16.2	
35.0	15.1	11.6	12.7	16.6	13.2	15.2	14.9	13.4	14.4	18.3	13.2	15.4	
40.0	14.1	11.0	12.3	16.4	12.9	14.4	14.1	13.0	14.0	17.8	12.7	14.6	
45.0	13.0	10.3	12.0	16.1	12.6	13.5	13.2	12.4	13.5	17.3	12.2	13.8	
50.0	11.8	9.67	11.6	15.7	12.2	12.5	12.2	11.9	13.0	16.7	11.6	13.0	
55.0	10.4	8.96	11.3	15.3	11.9	11.4	11.0	11.1	12.5	16.0	11.0	12.0	
60.0	9.15	8.22	10.9	14.9	11.5	10.4	9.67	10.3	11.8	15.4	10.4	10.9	
65.0	7.73	7.47	10.5	14.4	11.0	9.52	8.29	9.48	11.2	14.6	9.78	9.82	
70.0	6.36	6.77	10.1	13.9	10.6	8.59	6.88	8.55	10.5	13.8	9.15	8.70	
75.0	4.94	6.10	9.74	13.3	10.1	7.66	5.50	7.62	9.82	13.0	8.48	7.55	
80.0	3.68	5.50	9.30	12.6	9.71	6.84	4.20	6.73	9.11	12.1	7.92	6.47	
85.0	2.56	4.87	8.78	12.0	9.22	6.06	3.08	5.87	8.48	11.4	7.44	5.54	
90.0	1.48	4.35	8.26	11.2	8.70	5.39	2.12	5.17	8.00	10.7	6.92	4.83	
95.0	0.63	2.64	5.84	9.67	5.87	3.60	1.37	4.57	6.40	9.89	4.16	3.72	
100.0	0.56	1.93	6.06	9.11	6.36	3.16	0.89	3.94	6.28	8.78	4.50	2.15	
105.0	0.60	0.89	5.28	8.07	5.91	2.04	0.86	3.75	6.13	8.22	4.16	1.97	
110.0	0.74	0.41	3.01	4.68	4.94	0.48	1.00	3.49	5.84	7.59	3.75	1.19	
115.0	0.89	0.22	1.60	2.41	2.79	0.15	1.15	3.23	5.46	6.92	3.20	0.86	
120.0	1.07	0.30	0.82	1.00	0.86	0.07	1.30	2.90	4.98	6.32	2.67	0.52	
125.0	1.22	0.41	0.48	0.41	0.45	0.04	1.48	2.67	4.53	5.69	2.23	0.30	
130.0	1.37	0.48	0.45	0.30	0.33	0.04	1.63	2.64	4.09	5.09	1.82	0.26	
135.0	1.48	0.71	0.52	0.48	0.26	0.04	1.82	2.56	3.64	4.39	1.56	0.22	
140.0	1.48	0.86	0.67	0.63	0.19	0.04	2.00	2.45	3.34	3.86	1.41	0.22	
145.0	1.48	1.00	0.97	0.78	0.15	0.04	2.12	2.34	3.16	3.46	1.45	0.19	
150.0	1.41	1.07	1.22	1.15	0.15	0.04	2.23	2.26	2.97	3.08	1.33	0.19	
155.0	1.48	1.22	1.45	1.52	0.11	0.04	2.34	2.30	2.71	2.82	1.33	0.15	
160.0	2.00	1.41	1.60	1.67	0.11	0.04	2.41	2.34	2.53	2.67	1.33	0.15	
165.0	2.64	1.71	1.60	1.74	0.11	0.04	2.49	2.45	2.38	2.56	1.30	0.15	
170.0	3.16	2.12	1.67	1.78	0.11	0.07	2.82	2.53	2.60	2.53	1.33	0.15	
175.0	3.34	2.41	1.82	1.89	0.11	0.07	3.16	2.56	2.60	2.38	1.30	0.15	
180.0	3.31	2.60	2.00	2.26	0.11	0.07	3.38	2.60	2.53	2.04	1.41	0.15	

Test System:HOPOO HPG1800
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 Remarks: