

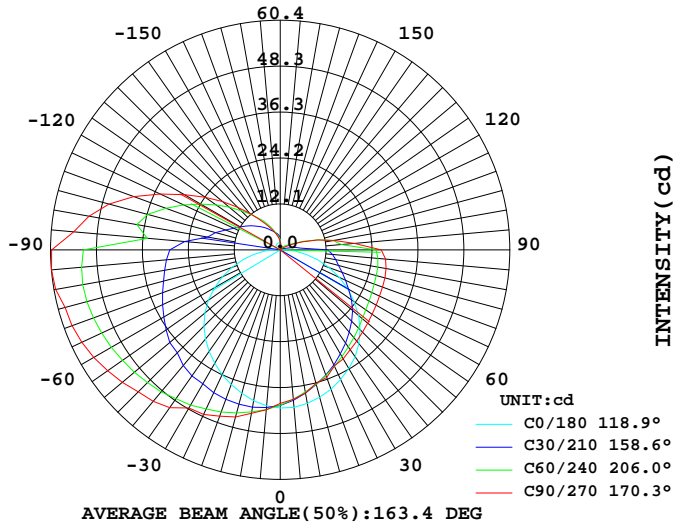
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

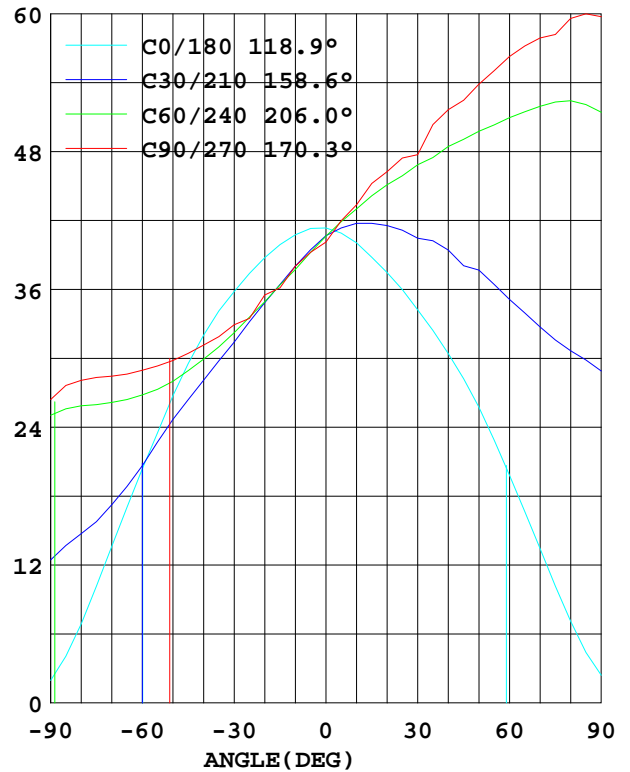
MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	60.42	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.24
NOMINAL POWER(W)	8	TOTAL FLUX(lm)	266.39	Voltage(V)	24.11
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	32.5	Current(A)	0.340
NOMINAL FLUX(lm)	266.4	η up(%)	22.0	Power(W)	8.190
LAMPS QUANTITY	1	η down(%)	78.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.1	Effective Flux(lm)	114.4	EEL	0.545

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.:

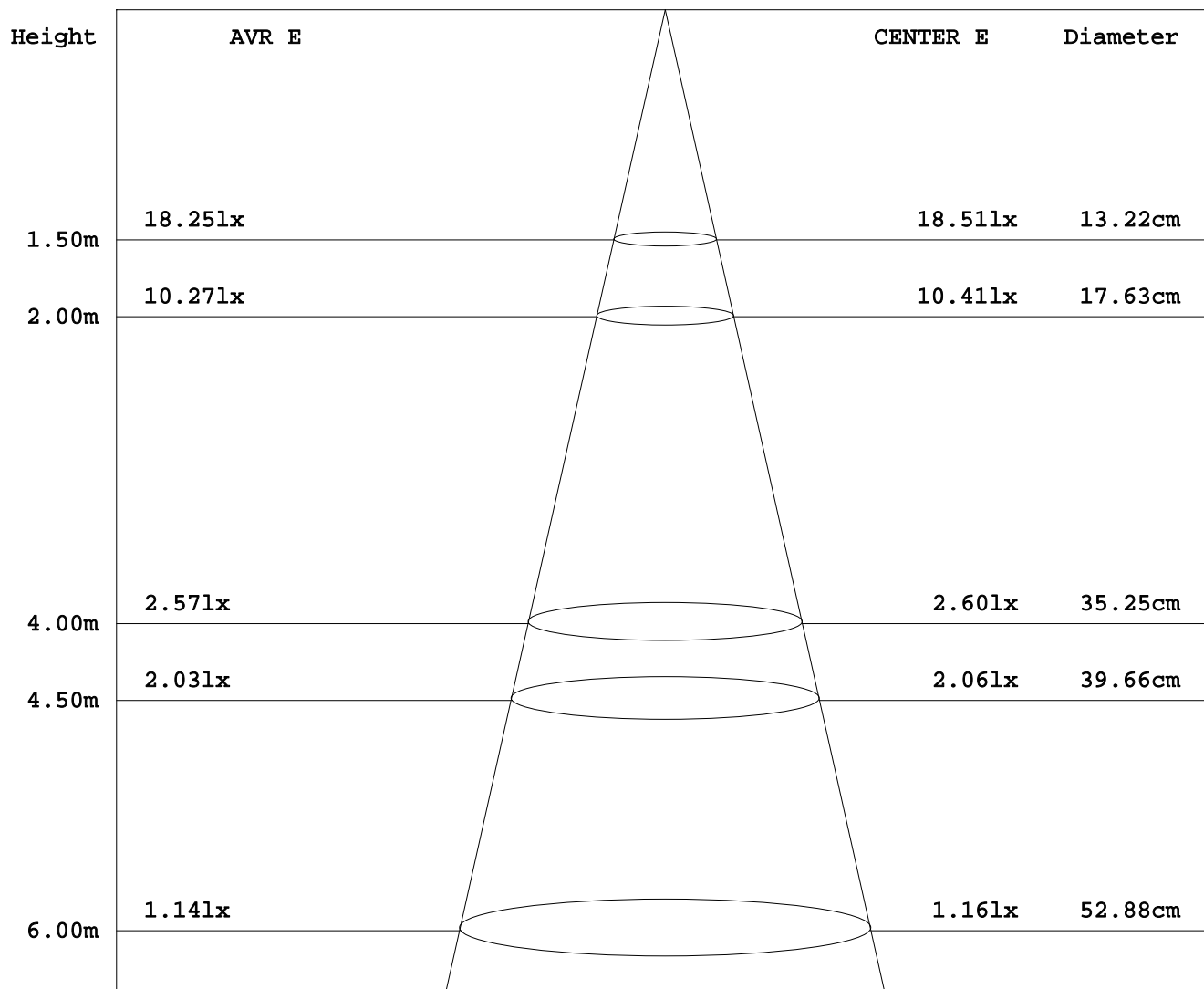
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-27-2025

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: 5.0deg

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	41.04	38.14	38.28	39.18	40.33	42.67	43.68	42.10	0- 10	3.903	3.903
20.0	39.03	35.12	35.75	36.42	37.73	43.64	46.58	42.51	10- 20	11.36	15.26
30.0	36.05	32.03	33.15	33.43	34.45	43.96	48.07	42.28	20- 30	17.91	33.17
40.0	32.22	29.20	31.36	30.30	30.62	44.24	52.01	42.23	30- 40	23.40	56.58
50.0	26.94	26.53	30.02	27.10	25.93	44.03	54.25	42.17	40- 50	27.56	84.15
60.0	20.53	23.90	29.17	24.11	19.98	43.34	56.67	41.71	50- 60	30.23	114.3
70.0	13.73	21.86	28.65	21.74	13.54	42.64	58.30	40.78	60- 70	31.45	145.8
80.0	6.921	20.44	28.27	20.07	7.181	41.84	60.01	40.00	70- 80	31.47	177.3
90.0	1.972	18.88	26.60	18.41	2.418	40.44	60.16	38.21	80- 90	30.52	207.8
100.0	0.781	9.023	14.51	8.521	0.633	28.87	51.12	21.89	90-100	22.34	230.1
110.0	0.633	3.925	6.176	3.981	0.967	23.70	41.00	12.50	100-110	15.05	245.2
120.0	0.558	1.786	2.009	1.469	1.227	18.12	29.06	5.860	110-120	9.169	254.4
130.0	0.484	1.023	0.781	0.763	1.488	13.71	19.83	2.716	120-130	5.423	259.8
140.0	0.447	0.670	0.409	0.502	1.674	10.17	12.68	1.413	130-140	3.189	263.0
150.0	0.409	0.484	0.298	0.428	1.823	7.590	8.000	0.633	140-150	1.806	264.8
160.0	0.372	0.409	0.298	0.409	1.897	5.525	5.358	0.372	150-160	0.963	265.7
170.0	0.707	0.428	0.335	0.391	1.897	4.093	3.572	0.372	160-170	0.453	266.2
180.0	2.530	2.679	2.046	0.372	1.600	2.976	1.972	0.409	170-180	0.144	266.3
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:

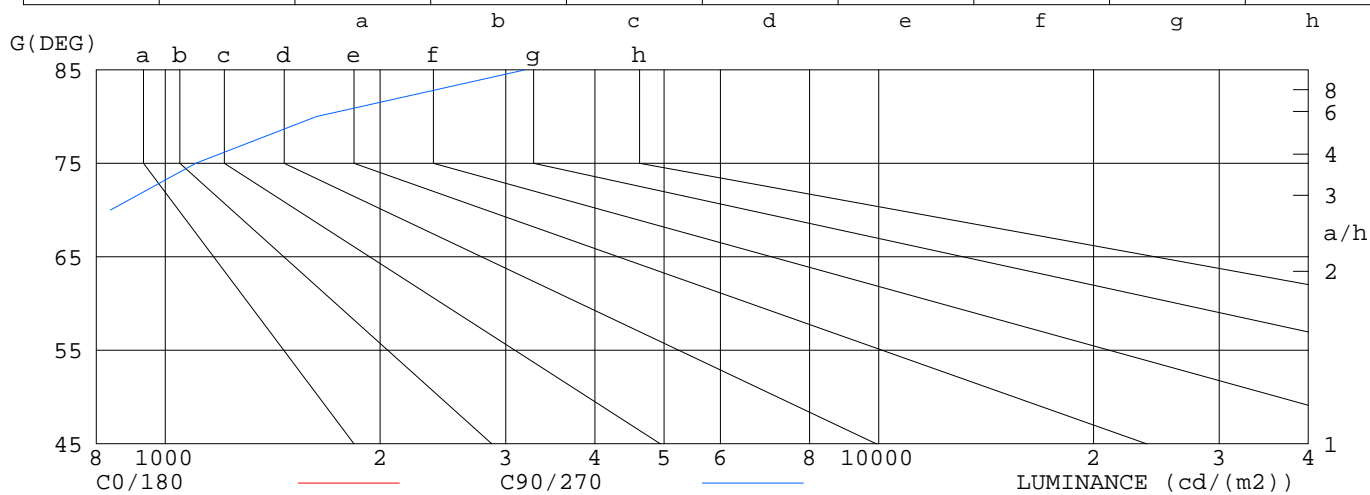
LUMINANCE LIMITATION CURVES

Report number:

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

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	470	3193
80	399	1629
75	395	1103
70	401	838
65	406	682
60	411	583
55	413	515
50	419	467
45	421	434

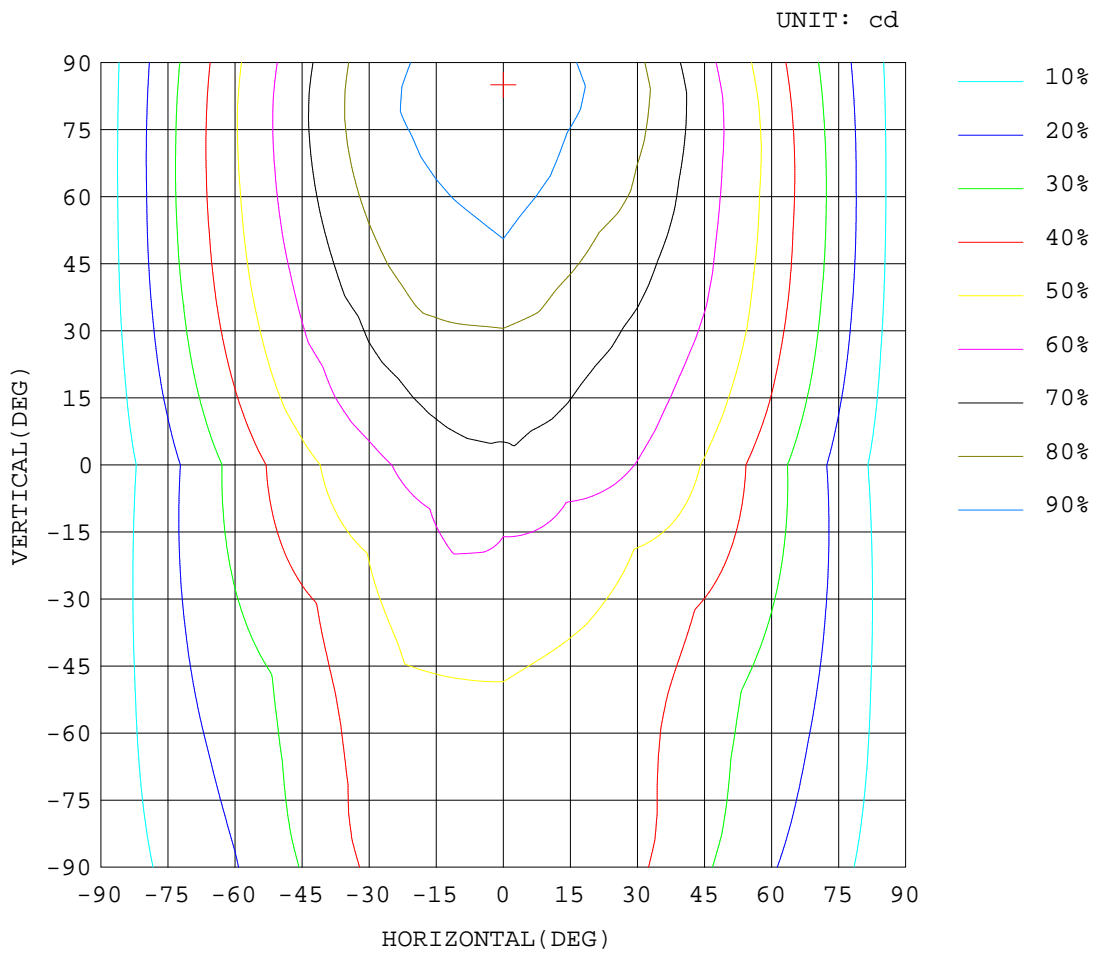
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

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.:



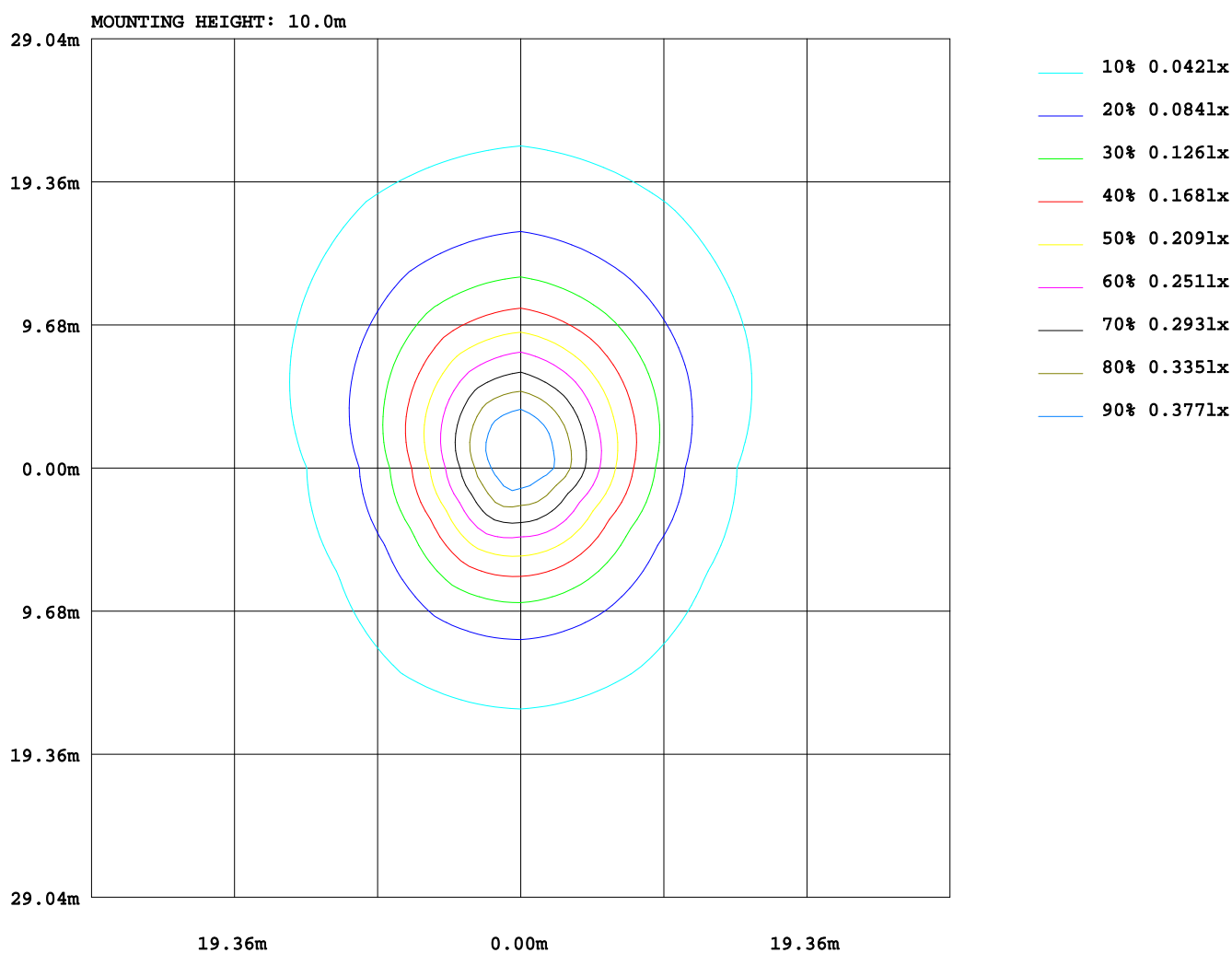
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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.:				

		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		
VERTICAL(DEG)	90	0.02	0.13	0.33	0.58	0.88	1.20	1.47	1.65	1.78	1.77	1.62	1.43	1.15	0.84	0.55	0.30	0.12	0.02	15.8	14.9	
	80	0.02	0.13	0.33	0.59	0.89	1.20	1.47	1.63	1.75	1.73	1.59	1.41	1.15	0.85	0.56	0.31	0.12	0.02	15.8	14.8	
	70	0.02	0.13	0.33	0.58	0.87	1.18	1.44	1.60	1.71	1.69	1.55	1.38	1.12	0.84	0.56	0.32	0.13	0.02	15.5	14.5	
	60	0.02	0.13	0.32	0.57	0.85	1.13	1.40	1.55	1.65	1.63	1.49	1.32	1.08	0.82	0.55	0.31	0.13	0.02	15.0	14.0	
	50	0.02	0.13	0.32	0.56	0.82	1.09	1.34	1.49	1.58	1.56	1.43	1.26	1.04	0.80	0.54	0.31	0.12	0.02	14.4	13.5	
	40	0.02	0.12	0.30	0.53	0.79	1.04	1.26	1.43	1.50	1.48	1.37	1.20	1.00	0.78	0.53	0.30	0.12	0.02	13.8	12.9	
	30	0.02	0.11	0.29	0.51	0.75	0.98	1.19	1.35	1.42	1.40	1.30	1.15	0.96	0.75	0.51	0.28	0.11	0.02	13.1	12.3	
	20	0.02	0.10	0.26	0.47	0.70	0.93	1.12	1.27	1.36	1.34	1.24	1.09	0.92	0.71	0.48	0.26	0.10	0.02	12.4	11.6	
	10	0.02	0.09	0.23	0.43	0.65	0.86	1.04	1.19	1.27	1.27	1.19	1.06	0.88	0.67	0.44	0.24	0.09	0.01	11.6	10.9	
	0	0.01	0.08	0.22	0.40	0.60	0.80	0.97	1.11	1.20	1.18	1.11	0.99	0.83	0.63	0.41	0.22	0.09	0.01	10.8	10.2	
	-10	0.02	0.09	0.21	0.38	0.57	0.75	0.91	1.05	1.13	1.10	1.02	0.89	0.76	0.59	0.40	0.22	0.09	0.01	10.2	9.56	
	-20	0.02	0.08	0.21	0.36	0.53	0.70	0.87	1.01	1.04	1.02	0.96	0.84	0.69	0.54	0.37	0.21	0.09	0.01	9.58	8.96	
	-30	0.02	0.08	0.20	0.33	0.49	0.67	0.84	0.95	0.98	0.96	0.91	0.80	0.66	0.50	0.35	0.20	0.08	0.01	9.03	8.44	
	-40	0.02	0.08	0.18	0.31	0.46	0.64	0.80	0.90	0.93	0.92	0.86	0.77	0.63	0.47	0.32	0.19	0.08	0.01	8.57	8.01	
	-50	0.01	0.07	0.17	0.29	0.45	0.62	0.77	0.85	0.89	0.88	0.83	0.75	0.61	0.45	0.30	0.18	0.08	0.01	8.23	7.70	
	-60	0.01	0.07	0.16	0.28	0.44	0.61	0.75	0.83	0.87	0.86	0.81	0.73	0.60	0.44	0.29	0.17	0.07	0.01	8.00	7.50	
-70	0.01	0.07	0.15	0.27	0.43	0.60	0.74	0.81	0.85	0.85	0.80	0.73	0.60	0.43	0.28	0.16	0.07	0.01	7.85	7.38		
-80	0.01	0.06	0.14	0.25	0.41	0.59	0.72	0.78	0.83	0.83	0.78	0.72	0.59	0.42	0.27	0.15	0.06	0.01	7.61	7.18		
-90																						
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)		20	30	40	50	60	70	80	90			
Φ t	0.32	1.77	4.34	7.70	11.5	15.6	19.1	21.5	22.8	22.5	20.9	18.5	15.3	11.5	7.72	4.34	1.74	0.30	266			
Φ a	0.00	0.00	0.00	7.70	11.5	15.6	19.1	21.5	22.8	22.5	20.9	18.5	15.3	11.5	7.72	0.00	0.00	0.00		114		

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

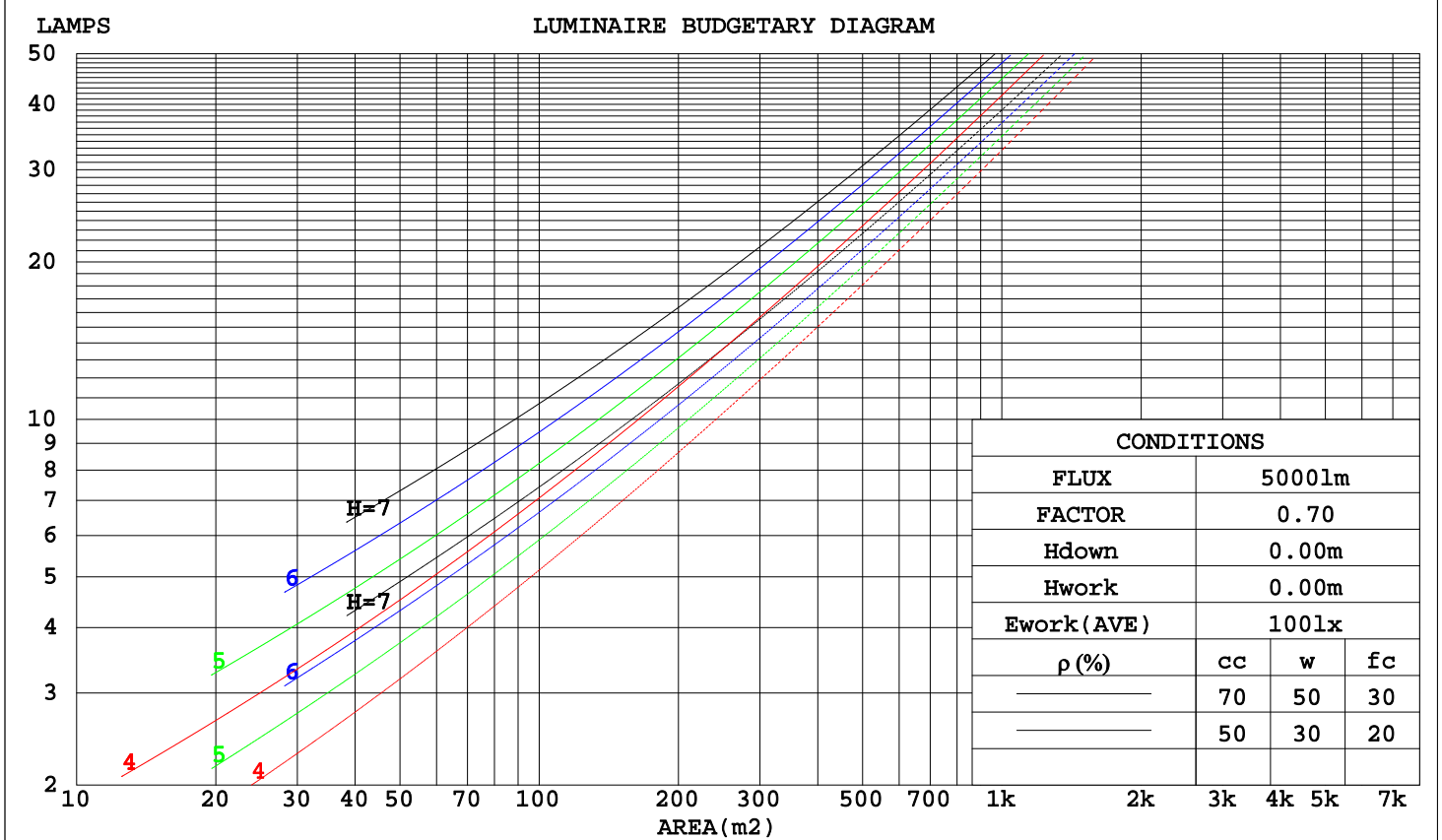
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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	.99	.99	.99	.90	.90	.90	.82	.82	.82	.78
1.0	.92	.86	.80	.87	.82	.77	.79	.74	.70	.71	.67	.64	.64	.61	.58	.54
2.0	.77	.69	.61	.73	.66	.59	.66	.60	.54	.59	.54	.50	.53	.49	.45	.42
3.0	.66	.57	.49	.63	.54	.47	.57	.49	.43	.51	.45	.40	.46	.41	.36	.33
4.0	.58	.48	.40	.55	.46	.39	.50	.42	.36	.45	.38	.33	.40	.35	.30	.27
5.0	.51	.41	.34	.49	.39	.33	.44	.36	.30	.40	.33	.28	.35	.30	.26	.23
6.0	.46	.36	.29	.43	.34	.28	.39	.32	.26	.36	.29	.24	.32	.26	.22	.19
7.0	.41	.32	.25	.39	.30	.24	.36	.28	.22	.32	.26	.21	.29	.23	.19	.17
8.0	.37	.28	.22	.36	.27	.21	.32	.25	.20	.29	.23	.18	.27	.21	.17	.15
9.0	.34	.25	.19	.32	.24	.19	.30	.23	.18	.27	.21	.16	.24	.19	.15	.13
10.0	.31	.23	.17	.30	.22	.17	.27	.20	.16	.25	.19	.15	.23	.17	.14	.12



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	.442	.251	.080	.428	.244	.077	.401	.230	.074	.377	.217	.070	.355	.206	.066	
2.0	.367	.201	.062	.354	.195	.060	.330	.184	.057	.308	.173	.054	.288	.163	.051	
3.0	.319	.170	.051	.307	.165	.050	.286	.155	.047	.266	.146	.045	.247	.137	.042	
4.0	.283	.147	.043	.272	.143	.042	.253	.134	.040	.234	.126	.038	.217	.118	.036	
5.0	.254	.130	.038	.245	.126	.037	.227	.118	.035	.210	.111	.033	.195	.104	.031	
6.0	.231	.116	.033	.223	.112	.032	.206	.106	.031	.191	.099	.029	.177	.093	.028	
7.0	.212	.105	.030	.204	.102	.029	.189	.096	.028	.175	.090	.026	.162	.084	.025	
8.0	.196	.096	.027	.188	.093	.026	.175	.087	.025	.162	.082	.024	.149	.077	.022	
9.0	.182	.088	.025	.175	.085	.024	.162	.080	.023	.150	.075	.022	.139	.071	.020	
10.0	.169	.081	.023	.163	.079	.022	.151	.074	.021	.140	.070	.020	.130	.065	.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	.358	.358	.358	.306	.306	.306	.209	.209	.209	.120	.120	.120	.038	.038	.038	
1.0	.358	.324	.293	.307	.278	.252	.210	.191	.174	.121	.111	.101	.039	.036	.033	
2.0	.352	.302	.259	.302	.260	.224	.207	.180	.156	.119	.104	.091	.038	.034	.030	
3.0	.345	.286	.238	.296	.246	.207	.203	.171	.145	.117	.100	.085	.038	.032	.028	
4.0	.337	.273	.225	.289	.236	.195	.199	.165	.138	.115	.096	.081	.037	.031	.027	
5.0	.329	.264	.216	.282	.228	.188	.194	.159	.133	.113	.094	.079	.036	.031	.026	
6.0	.321	.256	.209	.276	.222	.182	.190	.155	.129	.110	.091	.077	.036	.030	.025	
7.0	.314	.249	.205	.270	.216	.178	.186	.152	.126	.108	.089	.075	.035	.029	.025	
8.0	.307	.244	.201	.264	.212	.175	.183	.149	.124	.106	.088	.074	.034	.029	.025	
9.0	.300	.239	.198	.258	.208	.173	.179	.146	.123	.104	.086	.073	.034	.028	.024	
10.0	.294	.235	.196	.253	.204	.171	.176	.144	.121	.103	.085	.072	.033	.028	.024	

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		6.9	8.3	7.5	8.9	9.5	8.5	9.9	9.1	10.5	11.2
	3H	8.8	10.1	9.4	10.7	11.4	11.7	13.0	12.3	13.6	14.3
	4H	9.6	10.9	10.2	11.5	12.2	13.5	14.8	14.1	15.4	16.1
	6H	10.4	11.5	11.0	12.2	12.9	15.6	16.7	16.2	17.4	18.1
	8H	10.6	11.8	11.3	12.4	13.2	16.7	17.9	17.4	18.5	19.3
	12H	10.9	12.0	11.6	12.7	13.4	18.1	19.2	18.7	19.8	20.6
	4H 2H	8.0	9.2	8.6	9.8	10.5	9.2	10.4	9.8	11.0	11.8
	3H	10.1	11.2	10.7	11.8	12.6	12.6	13.7	13.3	14.4	15.1
	4H	11.1	12.1	11.8	12.8	13.6	14.6	15.7	15.3	16.3	17.1
	6H	12.1	13.0	12.8	13.7	14.6	16.9	17.8	17.6	18.5	19.4
	8H	12.5	13.4	13.2	14.1	14.9	18.2	19.0	18.9	19.8	20.6
	12H	12.9	13.7	13.7	14.5	15.3	19.7	20.5	20.4	21.2	22.1
	8H 4H	12.4	13.2	13.1	13.9	14.8	15.1	15.9	15.8	16.6	17.5
	6H	13.7	14.5	14.5	15.2	16.1	17.7	18.4	18.4	19.2	20.1
	8H	14.4	15.1	15.2	15.8	16.7	19.2	19.9	20.0	20.6	21.5
	12H	15.1	15.7	15.9	16.4	17.4	21.0	21.6	21.8	22.4	23.3
	12H 4H	12.9	13.7	13.6	14.4	15.2	15.1	15.9	15.8	16.6	17.5
	6H	14.5	15.1	15.2	15.9	16.8	17.9	18.5	18.6	19.3	20.2
	8H	15.3	15.9	16.1	16.7	17.6	19.5	20.1	20.3	20.9	21.8
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 / - 0.3				
2.0H		+ 0.2 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 266.3 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.6)

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	43	30	23	42	30	23	40	29	22	15	
0.80	52	38	30	50	37	29	47	36	28	20	
1.00	59	45	36	57	44	36	54	45	35	25	
1.25	66	52	43	64	51	42	59	48	40	30	
1.50	71	58	48	69	56	47	63	53	45	34	
2.00	79	66	57	76	64	56	69	60	53	40	
2.50	84	72	63	80	70	61	73	65	58	44	
3.00	88	77	68	84	74	66	77	69	62	47	
4.00	93	84	76	89	80	73	81	74	68	52	
5.00	96	88	81	92	84	78	84	78	72	56	
ROOM INDEX	UF(total)									Direct	
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25			

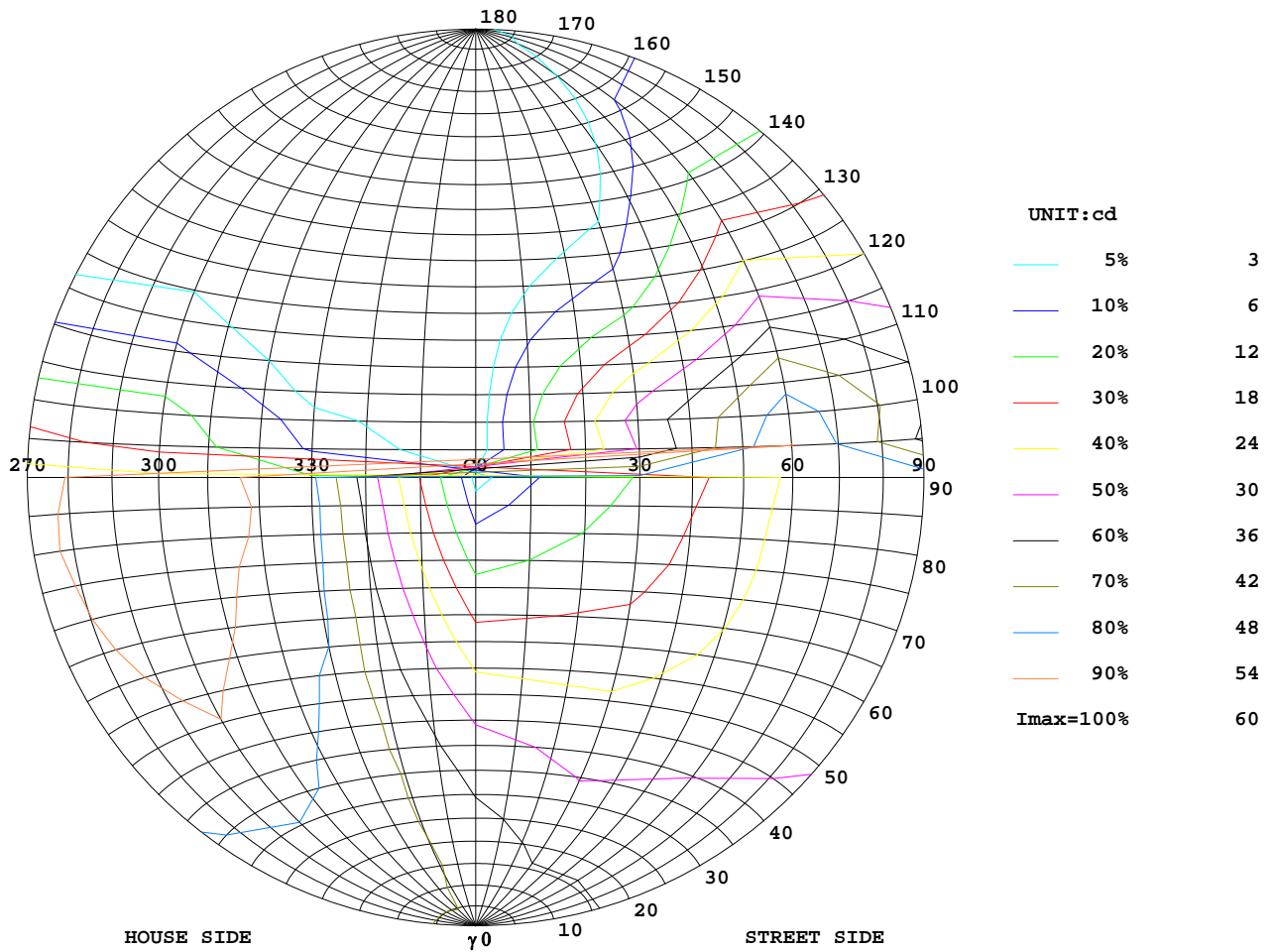
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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

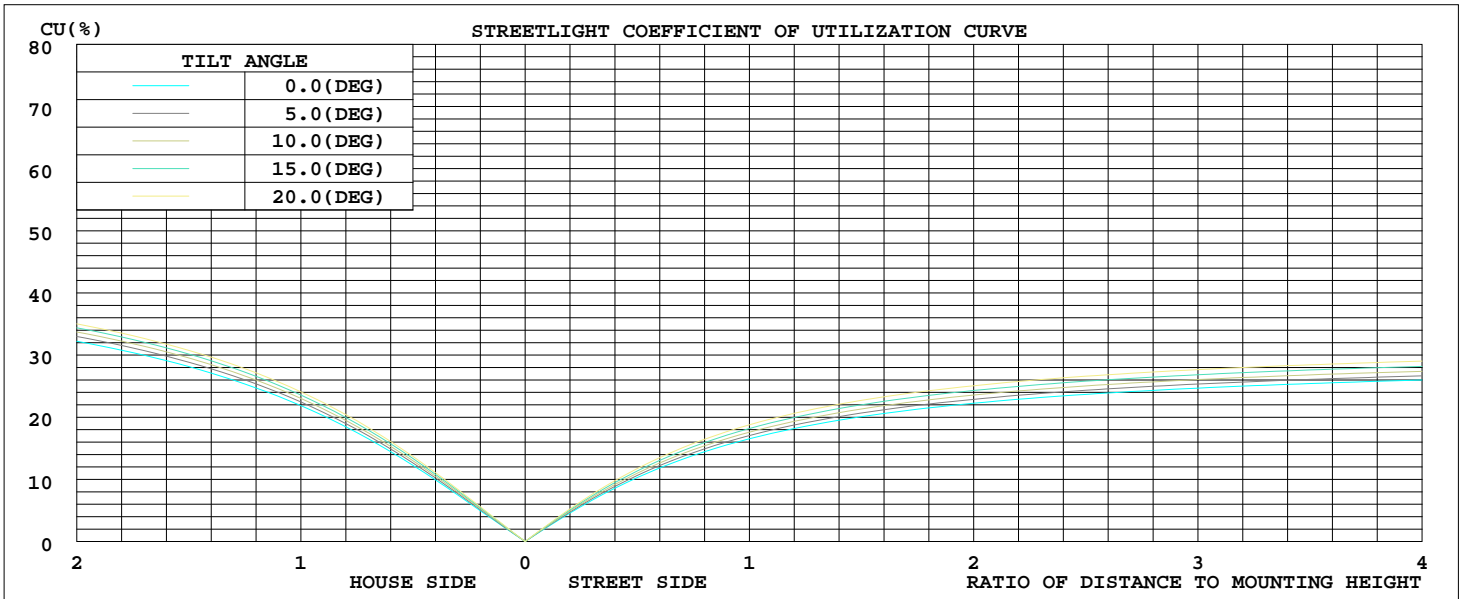
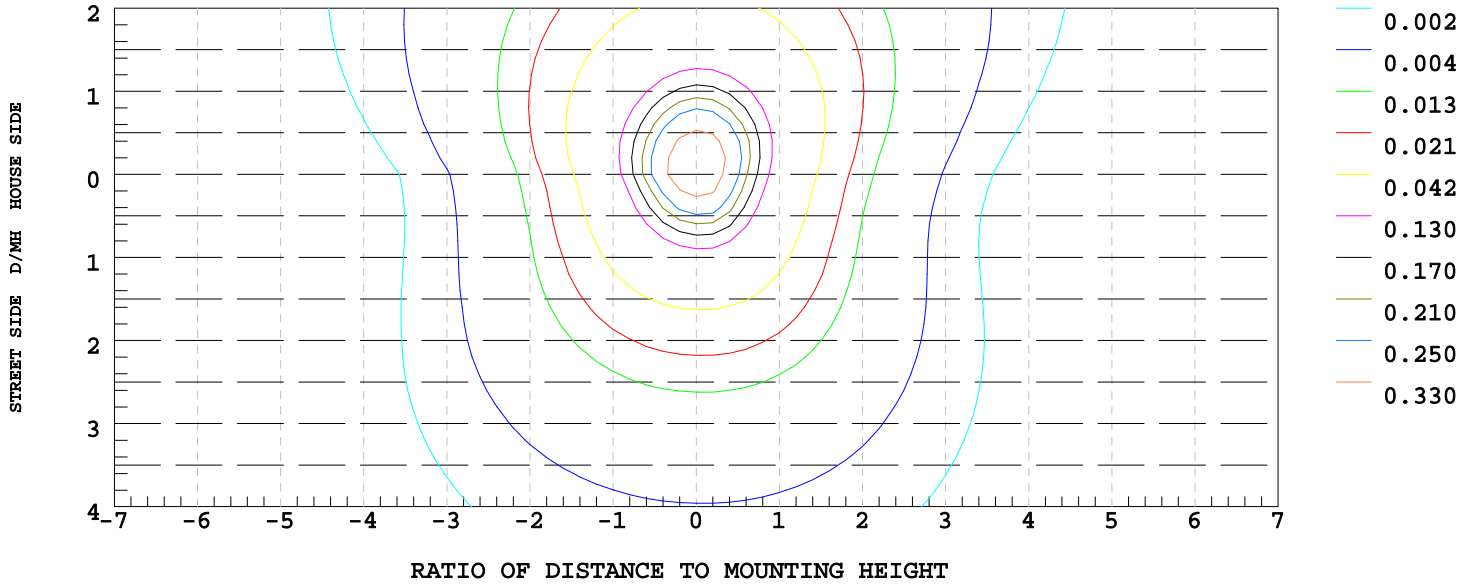
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.100 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.42 lx



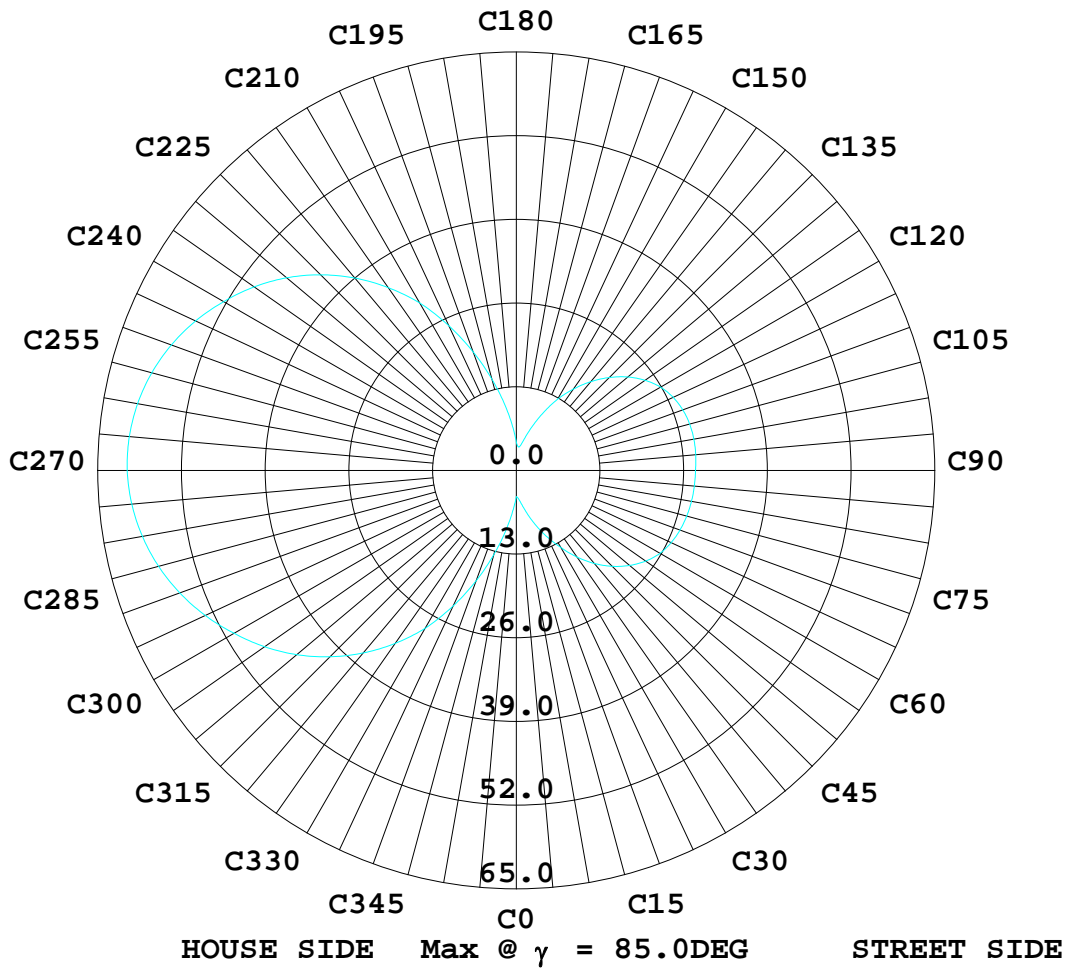
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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:

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	41.6	40.9	40.9	40.4	41.7	41.1	41.6	40.9	40.9	40.4	41.7	41.1
5.0	41.6	39.7	39.5	39.5	40.6	40.1	41.1	41.6	42.1	42.2	42.3	41.5
10.0	41.0	38.2	37.9	38.2	39.4	38.9	40.3	42.0	43.3	43.6	42.6	41.5
15.0	40.1	36.6	36.6	36.3	38.2	37.6	39.0	42.0	44.4	45.5	43.6	41.3
20.0	39.0	35.0	35.1	35.7	36.9	35.9	37.7	41.8	45.4	46.5	44.0	40.9
25.0	37.6	33.4	33.8	33.7	35.7	34.1	36.2	41.4	46.2	47.7	44.3	40.3
30.0	36.0	31.6	32.4	33.1	34.5	32.3	34.4	40.7	47.1	48.0	44.8	39.7
35.0	34.3	29.9	31.2	32.1	33.3	30.5	32.6	40.5	47.8	50.7	45.6	39.1
40.0	32.2	28.2	30.1	31.3	32.0	28.5	30.6	39.7	48.7	52.0	45.8	38.6
45.0	29.7	26.6	29.1	30.6	30.9	26.4	28.4	38.3	49.4	52.8	46.6	37.9
50.0	26.9	24.8	28.2	30.0	29.9	24.2	25.9	37.9	50.1	54.2	47.0	37.3
55.0	23.7	22.8	27.4	29.5	28.9	22.1	23.0	36.6	50.6	55.4	47.4	36.3
60.0	20.5	20.8	27.0	29.1	28.1	20.0	19.9	35.3	51.3	56.6	48.3	35.0
65.0	17.1	18.9	26.6	28.8	27.5	18.1	16.7	34.1	51.8	57.6	49.2	33.4
70.0	13.7	17.3	26.3	28.6	27.0	16.4	13.5	32.9	52.3	58.3	49.4	32.0
75.0	10.2	15.8	26.1	28.5	26.5	14.9	10.2	31.8	52.6	58.6	50.1	30.6
80.0	6.92	14.8	26.0	28.2	26.3	13.8	7.18	30.8	52.8	60.0	50.3	29.6
85.0	4.09	13.8	25.7	27.8	25.8	12.7	4.42	30.0	52.4	60.4	50.6	28.3
90.0	1.97	12.5	25.2	26.6	25.1	11.7	2.41	29.0	51.7	60.1	49.6	26.8
95.0	0.97	5.43	16.2	19.6	14.6	5.35	0.97	25.2	35.1	54.5	30.6	18.9
100.0	0.78	3.90	14.1	14.5	13.5	3.46	0.63	19.4	38.3	51.1	32.7	11.0
105.0	0.71	1.89	10.3	10.2	10.4	1.71	0.82	17.6	36.1	46.6	28.1	5.95
110.0	0.63	1.19	6.66	6.17	7.10	0.86	0.97	15.3	32.0	41.0	22.0	2.97
115.0	0.60	0.86	4.24	3.64	4.27	0.52	1.07	13.5	28.0	34.8	15.8	1.56
120.0	0.56	0.63	2.93	2.00	2.71	0.22	1.22	12.1	24.1	29.0	10.7	0.97
125.0	0.52	0.48	2.19	1.22	1.71	0.22	1.37	10.9	20.6	24.2	7.10	0.82
130.0	0.48	0.37	1.67	0.78	1.22	0.30	1.48	9.89	17.5	19.8	4.68	0.74
135.0	0.45	0.30	1.33	0.52	0.82	0.26	1.60	8.81	14.6	15.8	3.27	0.67
140.0	0.45	0.30	1.04	0.41	0.74	0.26	1.67	8.00	12.3	12.6	2.19	0.63
145.0	0.41	0.26	0.82	0.30	0.71	0.22	1.74	7.18	10.3	10.0	1.30	0.60
150.0	0.41	0.26	0.71	0.30	0.63	0.22	1.82	6.40	8.78	8.00	0.71	0.56
155.0	0.41	0.26	0.60	0.30	0.60	0.22	1.86	5.69	7.14	6.51	0.37	0.52
160.0	0.37	0.26	0.56	0.30	0.56	0.26	1.89	5.20	5.84	5.35	0.26	0.48
165.0	0.37	0.30	0.52	0.30	0.52	0.26	1.93	4.72	4.65	4.42	0.30	0.48
170.0	0.71	0.37	0.48	0.33	0.52	0.26	1.89	4.27	3.90	3.57	0.30	0.45
175.0	1.71	1.52	0.97	0.67	0.48	0.26	1.78	3.86	3.31	2.82	0.33	0.45
180.0	2.53	2.71	2.64	2.04	0.45	0.30	1.60	3.20	2.75	1.97	0.41	0.41

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: