

LUMINAIRE PHOTOMETRIC TEST REPORT

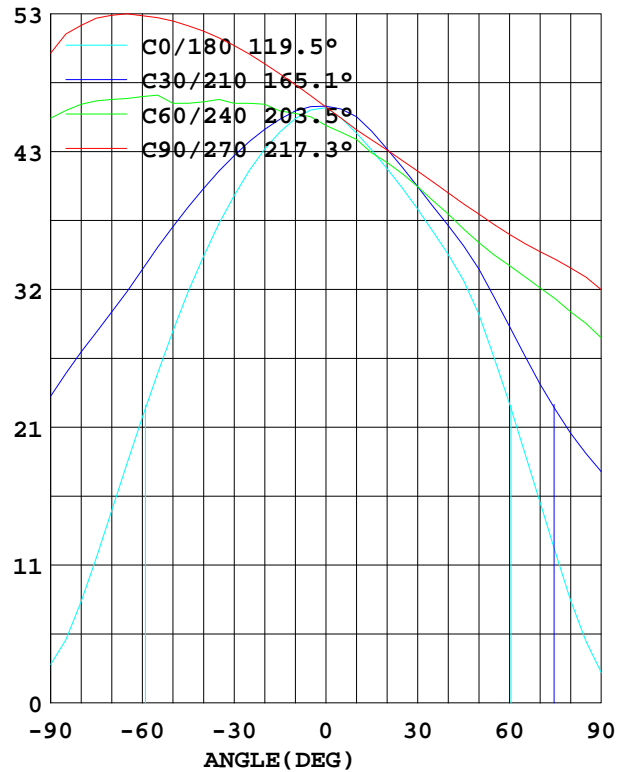
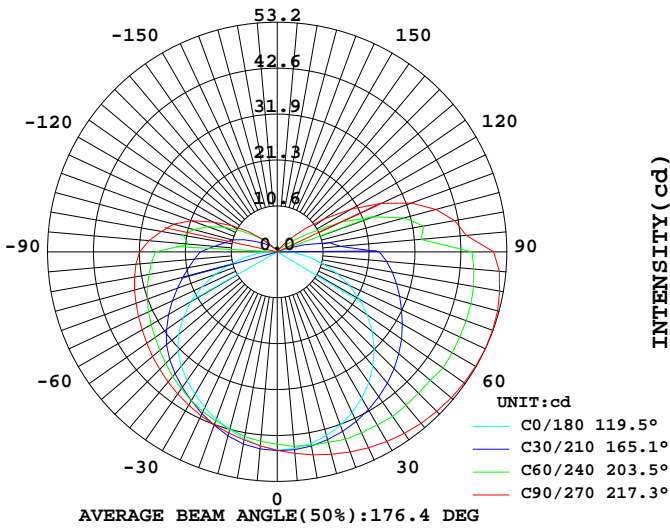
Report number:

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

DATA OF LAMP		Imax(cd)	53.24	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.70
NOMINAL POWER(W)	8	TOTAL FLUX(lm)	277.05	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	34.5	Current(A)	0.334
NOMINAL FLUX(lm)	277.1	η up(%)	21.1	Power(W)	8.030
LAMPS QUANTITY	1	η down(%)	78.9	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	124.9	EEL	0.503

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.:

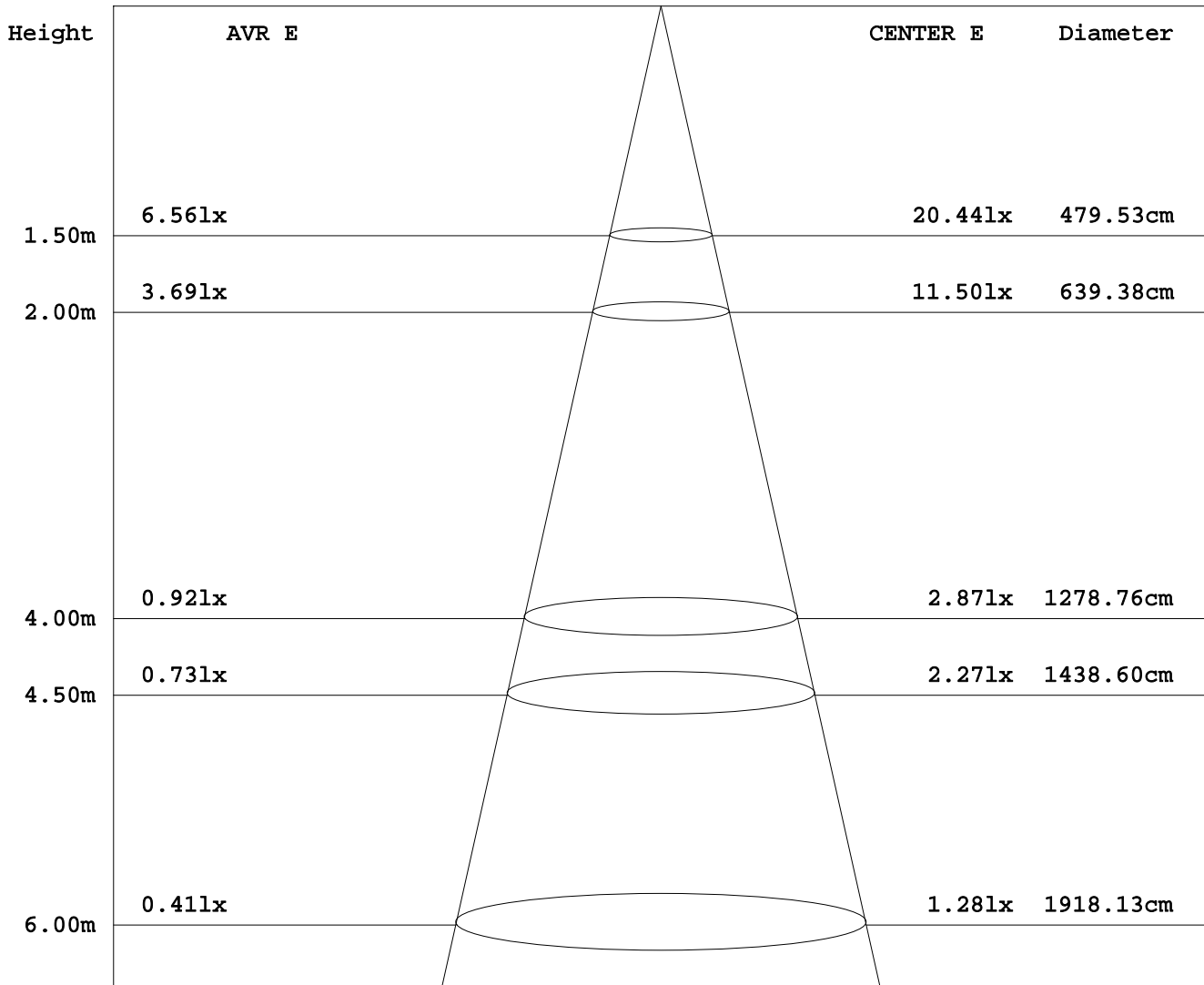
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-27-2025

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: 115.9deg

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	45.13	45.63	47.77	46.54	44.01	44.41	44.27	43.74	0- 10	4.333	4.333
20.0	42.79	45.28	49.37	46.47	41.26	42.27	42.71	41.09	10- 20	12.60	16.94
30.0	39.18	44.29	50.79	45.84	38.14	39.88	41.07	38.06	20- 30	19.89	36.83
40.0	34.49	43.08	51.90	44.72	34.64	37.32	39.40	34.79	30- 40	25.79	62.63
50.0	28.72	41.56	52.68	42.75	30.02	34.54	37.76	31.36	40- 50	30.01	92.64
60.0	22.06	40.16	53.09	40.27	23.14	31.44	36.20	27.92	50- 60	32.28	124.9
70.0	14.88	38.41	53.13	37.67	15.51	28.35	34.86	24.72	60- 70	32.68	157.6
80.0	7.851	36.68	52.35	35.12	7.925	25.52	33.60	21.93	70- 80	31.58	189.2
90.0	2.976	34.43	50.19	32.70	2.344	23.03	31.92	19.36	80- 90	29.39	218.6
100.0	0.893	23.40	41.78	23.73	0.223	17.24	27.34	12.46	90-100	22.73	241.3
110.0	0.744	12.98	33.11	19.49	0.223	12.68	21.17	6.679	100-110	17.07	258.4
120.0	0.633	4.558	19.90	14.64	0.260	7.088	12.20	2.381	110-120	10.28	268.7
130.0	0.558	1.265	8.335	9.953	0.260	3.423	4.800	0.744	120-130	4.944	273.6
140.0	0.521	0.670	2.158	5.600	0.260	1.544	1.190	0.502	130-140	2.062	275.7
150.0	0.447	0.558	0.298	2.939	0.298	0.651	0.930	0.428	140-150	0.818	276.5
160.0	0.447	0.484	0.260	1.227	0.298	0.409	0.744	0.409	150-160	0.341	276.8
170.0	0.409	0.447	0.298	0.707	0.335	0.391	0.670	0.391	160-170	0.143	277.0
180.0	0.372	0.409	0.335	0.540	0.409	0.372	0.558	0.670	170-180	0.044	277.0
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:

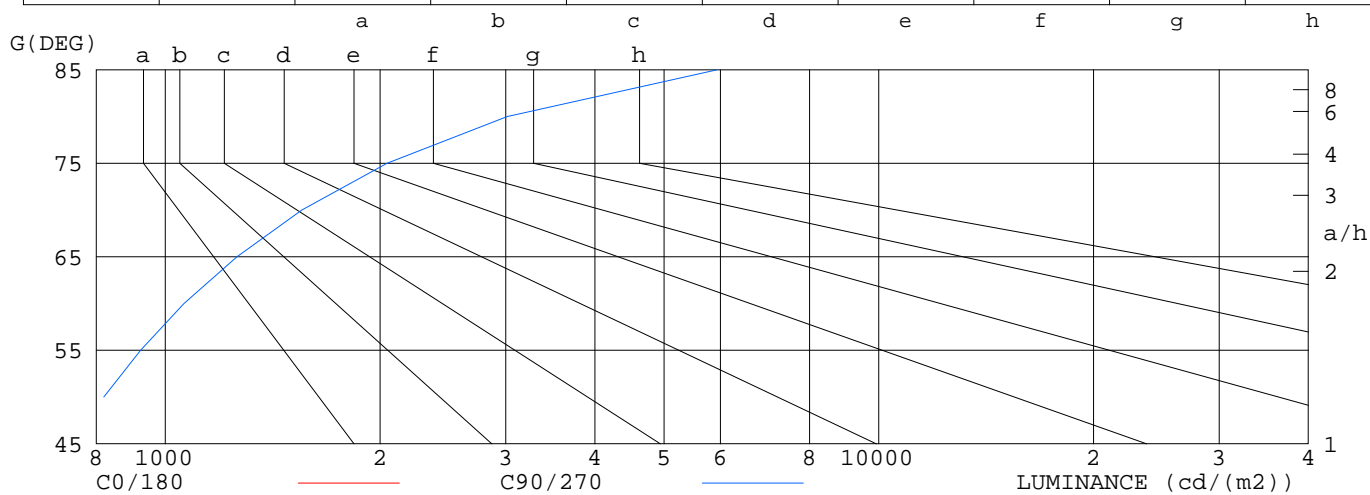
LUMINANCE LIMITATION CURVES

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	559	5930
80	452	3015
75	434	2044
70	435	1554
65	438	1260
60	441	1062
55	444	923
50	447	820
45	450	740

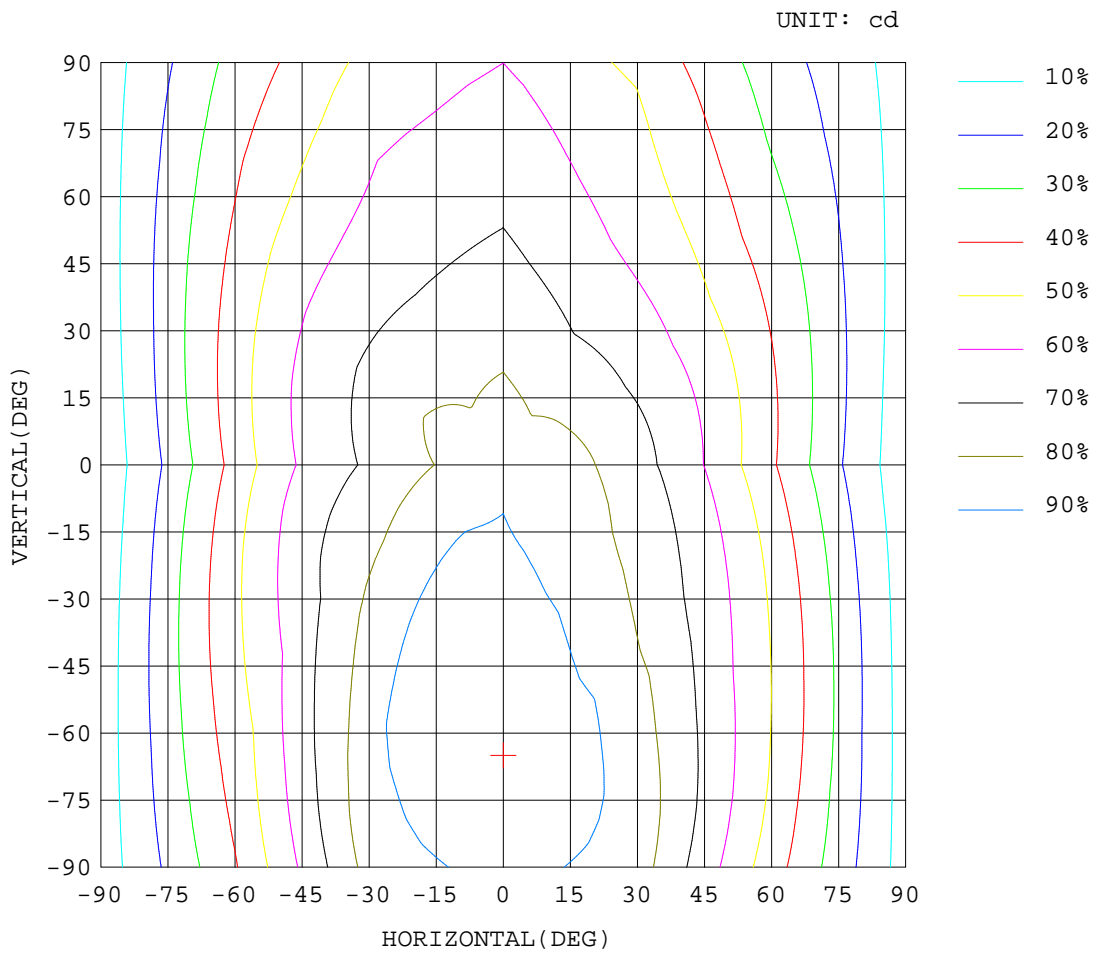
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

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.:



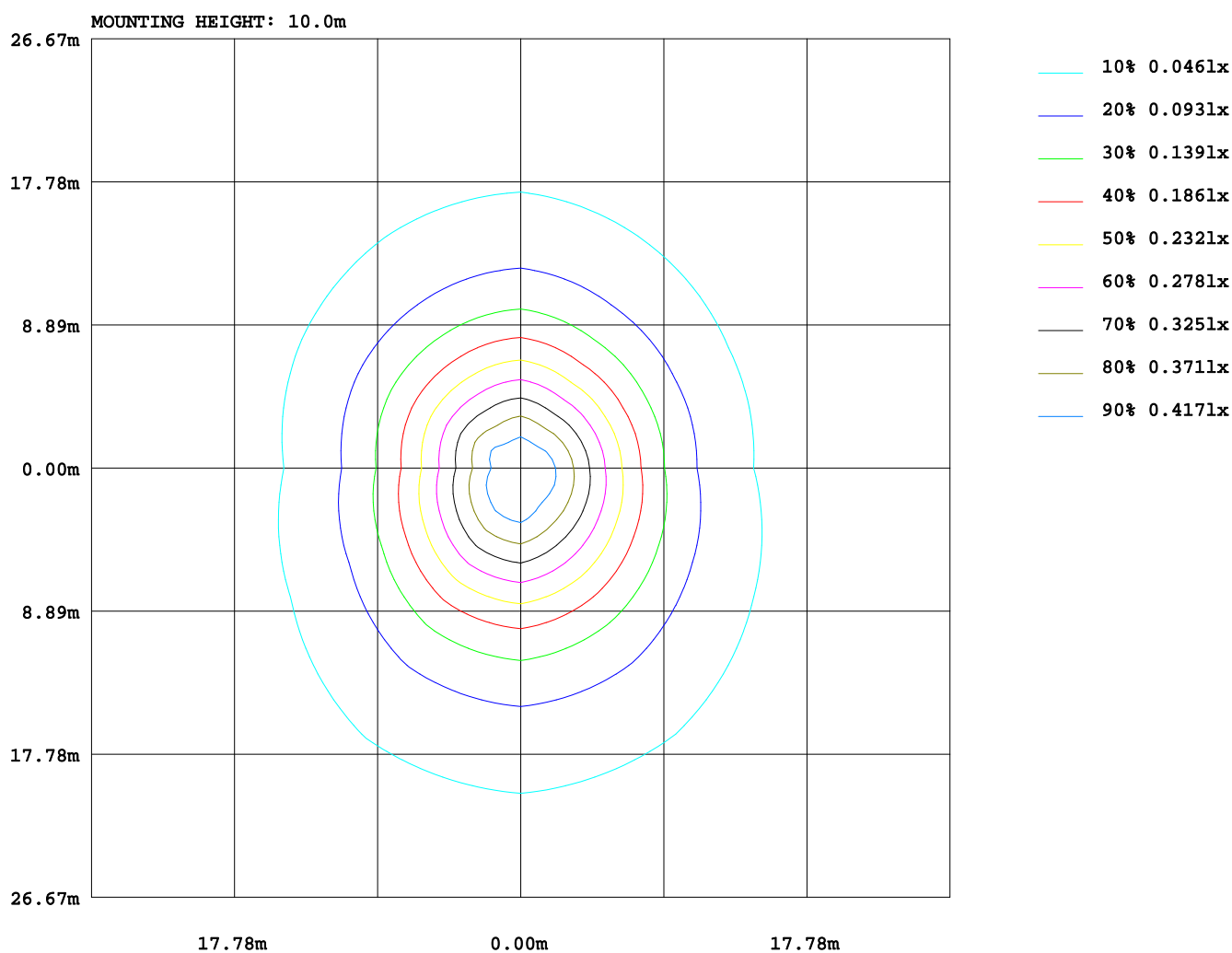
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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	0.02	0.09	0.21	0.36	0.51	0.68	0.82	0.91	0.98	0.96	0.87	0.76	0.61	0.44	0.28	0.16	0.07	0.01	8.72	8.17		
80	0.02	0.09	0.22	0.38	0.55	0.72	0.86	0.96	1.02	1.00	0.91	0.80	0.64	0.47	0.31	0.17	0.07	0.02	9.21	8.62		
70	0.02	0.10	0.23	0.40	0.58	0.75	0.90	1.00	1.06	1.04	0.95	0.83	0.67	0.50	0.33	0.19	0.08	0.02	9.64	9.01		
60	0.02	0.10	0.24	0.42	0.61	0.79	0.94	1.03	1.10	1.08	0.99	0.86	0.70	0.53	0.35	0.20	0.09	0.02	10.0	9.41		
50	0.02	0.10	0.25	0.44	0.64	0.83	0.97	1.08	1.15	1.13	1.03	0.90	0.74	0.56	0.38	0.22	0.09	0.02	10.5	9.86		
40	0.02	0.11	0.26	0.46	0.68	0.87	1.01	1.13	1.20	1.18	1.07	0.95	0.79	0.60	0.40	0.23	0.09	0.02	11.0	10.3		
30	0.02	0.11	0.27	0.47	0.70	0.90	1.06	1.17	1.25	1.23	1.13	1.00	0.83	0.63	0.43	0.24	0.10	0.02	11.5	10.8		
20	0.02	0.10	0.26	0.48	0.71	0.92	1.10	1.23	1.29	1.28	1.19	1.06	0.88	0.66	0.44	0.24	0.10	0.02	12.0	11.2		
10	0.02	0.10	0.26	0.47	0.71	0.92	1.10	1.26	1.35	1.34	1.26	1.11	0.91	0.68	0.45	0.24	0.09	0.02	12.3	11.5		
0	0.02	0.10	0.26	0.48	0.72	0.94	1.13	1.29	1.40	1.38	1.30	1.14	0.94	0.70	0.46	0.25	0.10	0.02	12.6	11.9		
-10	0.02	0.11	0.28	0.50	0.75	0.98	1.18	1.35	1.45	1.42	1.32	1.17	0.97	0.73	0.49	0.27	0.11	0.02	13.1	12.3		
-20	0.02	0.11	0.28	0.51	0.76	1.00	1.23	1.41	1.50	1.47	1.35	1.19	0.98	0.75	0.51	0.29	0.11	0.02	13.5	12.6		
-30	0.02	0.11	0.28	0.51	0.75	1.02	1.27	1.44	1.53	1.51	1.39	1.21	1.00	0.76	0.52	0.29	0.12	0.02	13.7	12.9		
-40	0.02	0.11	0.28	0.50	0.76	1.04	1.30	1.46	1.56	1.54	1.41	1.25	1.02	0.77	0.52	0.30	0.12	0.02	14.0	13.1		
-50	0.02	0.11	0.27	0.49	0.76	1.05	1.31	1.47	1.57	1.56	1.44	1.28	1.04	0.78	0.52	0.30	0.12	0.02	14.1	13.3		
-60	0.02	0.11	0.26	0.48	0.76	1.05	1.32	1.47	1.58	1.57	1.45	1.30	1.05	0.78	0.52	0.29	0.12	0.02	14.1	13.3		
-70	0.02	0.10	0.25	0.47	0.74	1.05	1.31	1.46	1.56	1.56	1.45	1.30	1.06	0.78	0.51	0.29	0.12	0.02	14.0	13.2		
-80	0.02	0.10	0.24	0.45	0.72	1.03	1.27	1.42	1.52	1.53	1.42	1.28	1.05	0.76	0.49	0.27	0.11	0.02	13.7	12.9		
-90	0.02	0.10	0.24	0.45	0.72	1.03	1.27	1.42	1.52	1.53	1.42	1.28	1.05	0.76	0.49	0.27	0.11	0.02	13.7	12.9		
	-90	-80	-70	-60	-50	-40	-30	-20	20	30	40	50	60	70	80	90						
Φ t	0.32	1.85	4.61	8.26	12.4	16.5	20.1	22.6	24.1	23.8	22.0	19.4	15.9	11.8	7.91	4.44	1.81	0.33	277			
Φ a	0.00	0.00	0.00	8.26	12.4	16.5	20.1	22.6	24.1	23.8	22.0	19.4	15.9	11.8	7.91	0.00	0.00	0.00		125		

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

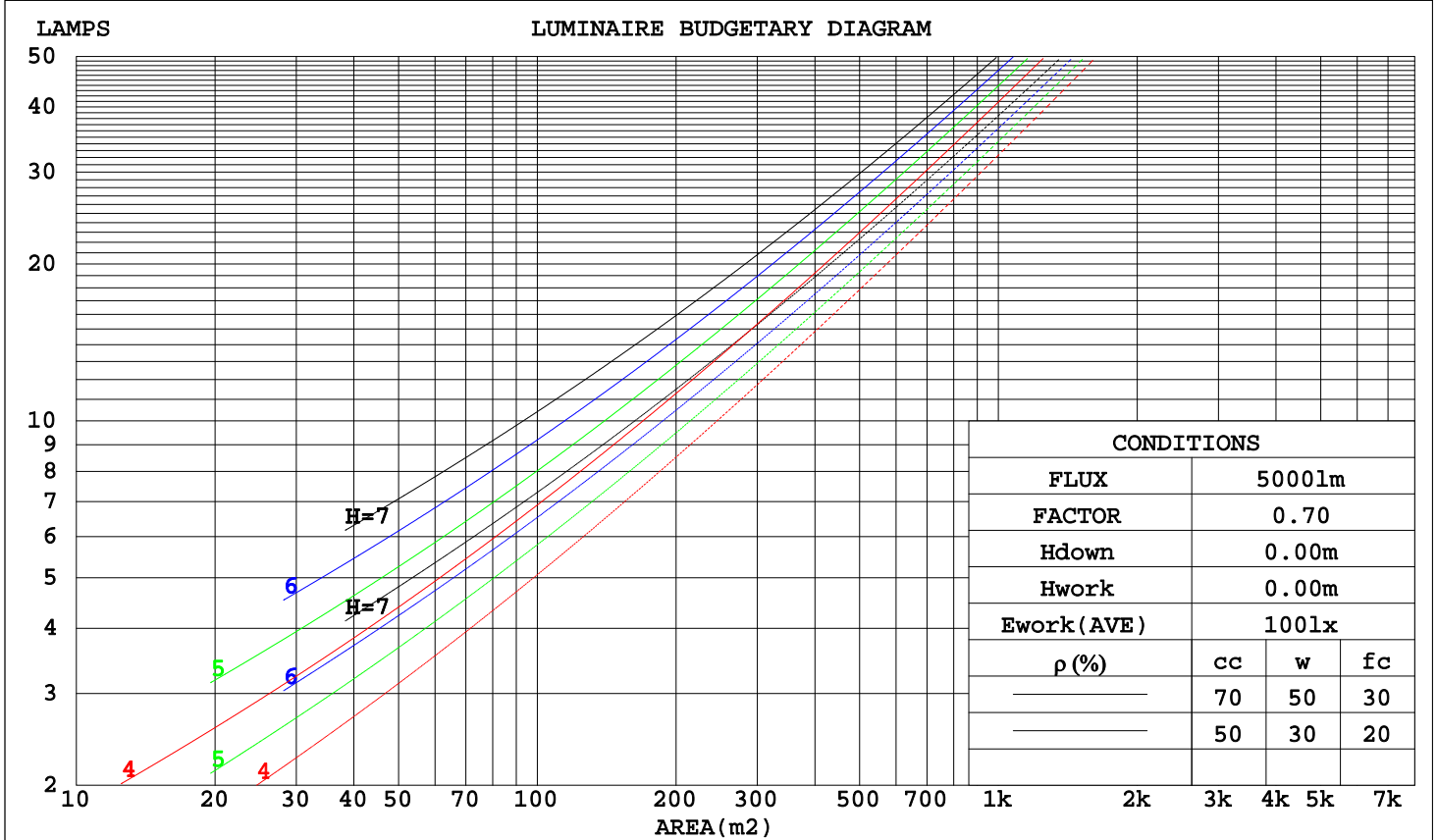
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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	.91	.91	.91	.83	.83	.83	.79
1.0	.93	.87	.81	.88	.83	.78	.80	.75	.71	.72	.69	.65	.65	.62	.60	.56
2.0	.78	.70	.63	.74	.67	.60	.67	.61	.55	.61	.56	.51	.55	.50	.47	.43
3.0	.67	.58	.50	.64	.55	.48	.58	.51	.45	.52	.46	.41	.47	.42	.38	.35
4.0	.59	.49	.41	.56	.47	.40	.51	.43	.37	.46	.39	.34	.41	.36	.31	.28
5.0	.52	.42	.35	.49	.40	.34	.45	.37	.31	.41	.34	.29	.37	.31	.27	.24
6.0	.46	.37	.30	.44	.35	.29	.40	.33	.27	.36	.30	.25	.33	.27	.23	.20
7.0	.42	.32	.26	.40	.31	.25	.36	.29	.23	.33	.27	.22	.30	.24	.20	.18
8.0	.38	.29	.23	.36	.28	.22	.33	.26	.21	.30	.24	.19	.27	.22	.18	.16
9.0	.34	.26	.20	.33	.25	.19	.30	.23	.18	.28	.22	.17	.25	.20	.16	.14
10.0	.32	.23	.18	.30	.23	.17	.28	.21	.16	.26	.20	.15	.23	.18	.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	.430	.245	.078	.417	.238	.076	.391	.224	.072	.367	.212	.068	.345	.200	.065	
2.0	.361	.198	.061	.348	.192	.059	.325	.181	.056	.303	.170	.053	.283	.160	.050	
3.0	.315	.167	.050	.303	.162	.049	.282	.153	.046	.263	.144	.044	.244	.135	.042	
4.0	.280	.145	.043	.270	.141	.042	.250	.133	.040	.233	.125	.038	.216	.117	.036	
5.0	.252	.129	.037	.243	.125	.036	.225	.117	.035	.209	.110	.033	.194	.104	.031	
6.0	.230	.115	.033	.221	.112	.032	.205	.105	.031	.190	.099	.029	.176	.093	.028	
7.0	.211	.104	.030	.203	.101	.029	.188	.095	.027	.175	.090	.026	.162	.084	.025	
8.0	.195	.095	.027	.188	.092	.026	.174	.087	.025	.162	.082	.024	.150	.077	.022	
9.0	.181	.087	.024	.174	.085	.024	.162	.080	.023	.150	.075	.022	.139	.071	.020	
10.0	.169	.081	.022	.163	.079	.022	.151	.074	.021	.140	.070	.020	.130	.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	.351	.351	.351	.300	.300	.300	.205	.205	.205	.118	.118	.118	.038	.038	.038	
1.0	.351	.317	.287	.300	.272	.247	.205	.187	.171	.118	.108	.099	.038	.035	.032	
2.0	.345	.295	.253	.295	.254	.219	.202	.176	.152	.117	.102	.089	.037	.033	.029	
3.0	.337	.279	.232	.289	.240	.201	.198	.167	.141	.115	.098	.083	.037	.032	.027	
4.0	.329	.266	.219	.282	.230	.190	.194	.160	.134	.112	.094	.079	.036	.031	.026	
5.0	.321	.257	.209	.276	.222	.182	.190	.155	.129	.110	.091	.076	.035	.030	.025	
6.0	.314	.249	.203	.269	.216	.176	.186	.151	.125	.108	.089	.074	.035	.029	.025	
7.0	.306	.242	.198	.263	.210	.172	.182	.147	.122	.106	.087	.073	.034	.028	.024	
8.0	.299	.237	.194	.258	.206	.169	.178	.144	.120	.104	.085	.072	.034	.028	.024	
9.0	.293	.232	.191	.252	.202	.167	.175	.142	.118	.102	.084	.071	.033	.027	.023	
10.0	.287	.228	.189	.247	.198	.165	.171	.139	.117	.100	.082	.070	.032	.027	.023	

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		9.0	10.4	9.5	10.9	11.6	12.3	13.7	12.9	14.3	14.9	
	3H	10.8	12.1	11.4	12.7	13.4	15.7	16.9	16.2	17.5	18.2	
	4H	11.7	12.9	12.3	13.5	14.2	17.5	18.8	18.1	19.4	20.1	
	6H	12.4	13.6	13.0	14.2	14.9	19.6	20.8	20.3	21.4	22.2	
	8H	12.7	13.8	13.3	14.4	15.2	20.8	21.9	21.4	22.6	23.3	
	12H	13.0	14.0	13.6	14.7	15.4	22.2	23.2	22.8	23.9	24.6	
	4H	2H	10.7	11.9	11.3	12.5	13.2	12.9	14.2	13.5	14.8	15.5
		3H	12.9	14.0	13.5	14.6	15.4	16.5	17.6	17.2	18.3	19.0
		4H	14.0	15.0	14.6	15.6	16.4	18.6	19.6	19.3	20.3	21.1
		6H	14.9	15.8	15.6	16.5	17.3	20.9	21.8	21.6	22.5	23.3
		8H	15.3	16.2	16.0	16.9	17.7	22.2	23.1	22.9	23.8	24.6
		12H	15.7	16.5	16.4	17.2	18.1	23.7	24.5	24.4	25.2	26.1
	8H	4H	15.6	16.5	16.3	17.2	18.0	19.0	19.9	19.7	20.6	21.4
		6H	17.1	17.8	17.8	18.5	19.4	21.7	22.4	22.4	23.2	24.0
		8H	17.8	18.4	18.5	19.2	20.0	23.2	23.9	24.0	24.6	25.5
		12H	18.4	19.0	19.2	19.8	20.7	25.0	25.6	25.8	26.3	27.2
	12H	4H	16.2	17.0	16.9	17.7	18.6	19.1	19.9	19.8	20.6	21.4
		6H	17.9	18.6	18.7	19.3	20.2	21.8	22.5	22.6	23.2	24.1
		8H	18.8	19.4	19.6	20.2	21.1	23.5	24.1	24.2	24.8	25.7
Variations with the observer position at spacings:												
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H		+ 0.2 / - 0.2					+ 0.2 / - 0.3					
2.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 277.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.5)

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	44	31	24	43	31	23	41	30	23	16
0.80	53	39	31	51	38	30	48	37	30	21
1.00	60	46	37	58	45	37	55	46	36	27
1.25	67	53	44	65	52	43	60	50	42	32
1.50	72	59	50	70	57	49	64	54	46	35
2.00	80	68	58	77	65	57	71	61	54	42
2.50	85	73	64	81	71	62	74	66	59	46
3.00	89	78	70	85	75	68	78	70	63	49
4.00	94	85	77	89	81	74	82	75	70	54
5.00	97	89	82	93	85	79	85	79	74	57
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

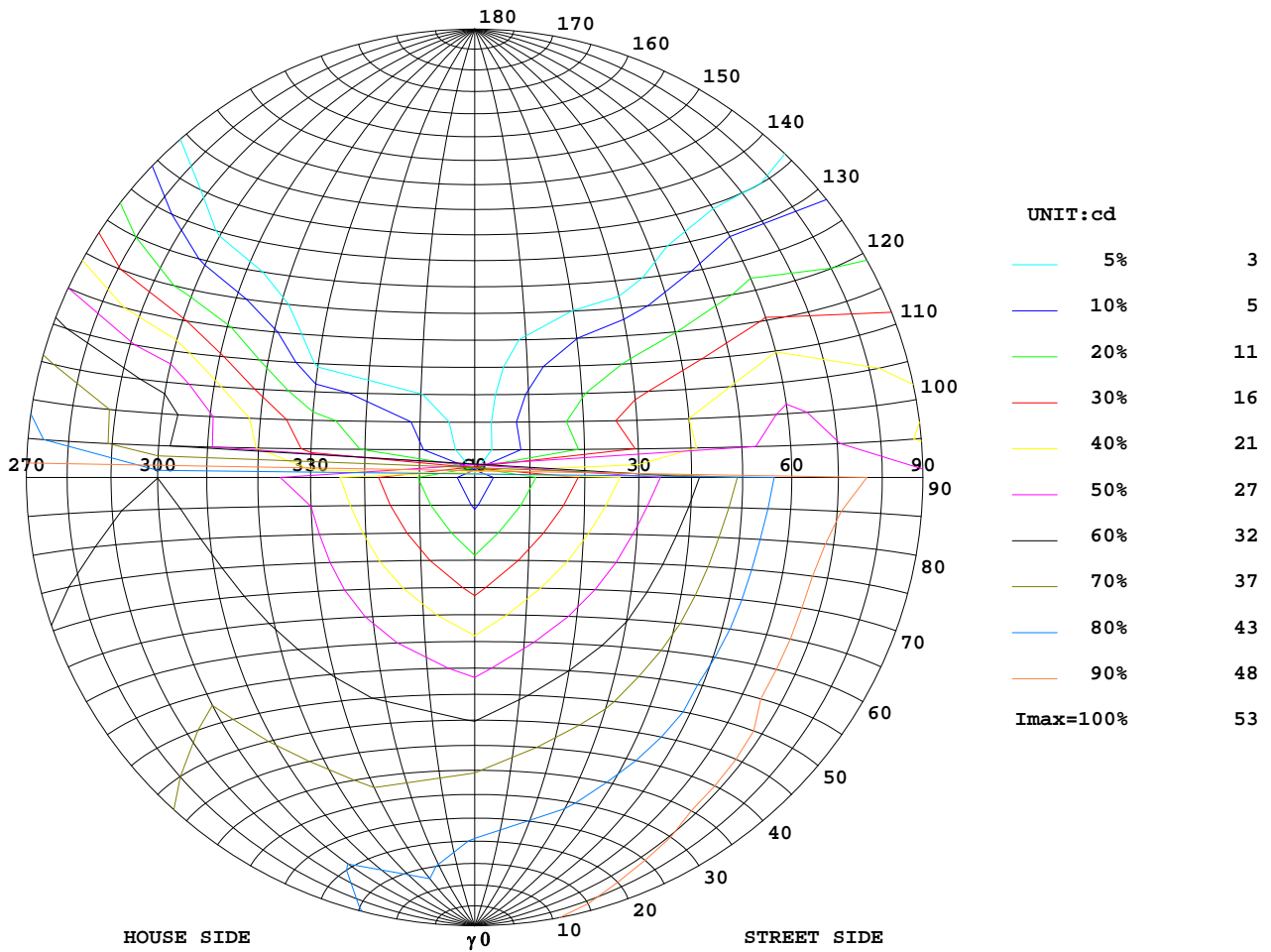
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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

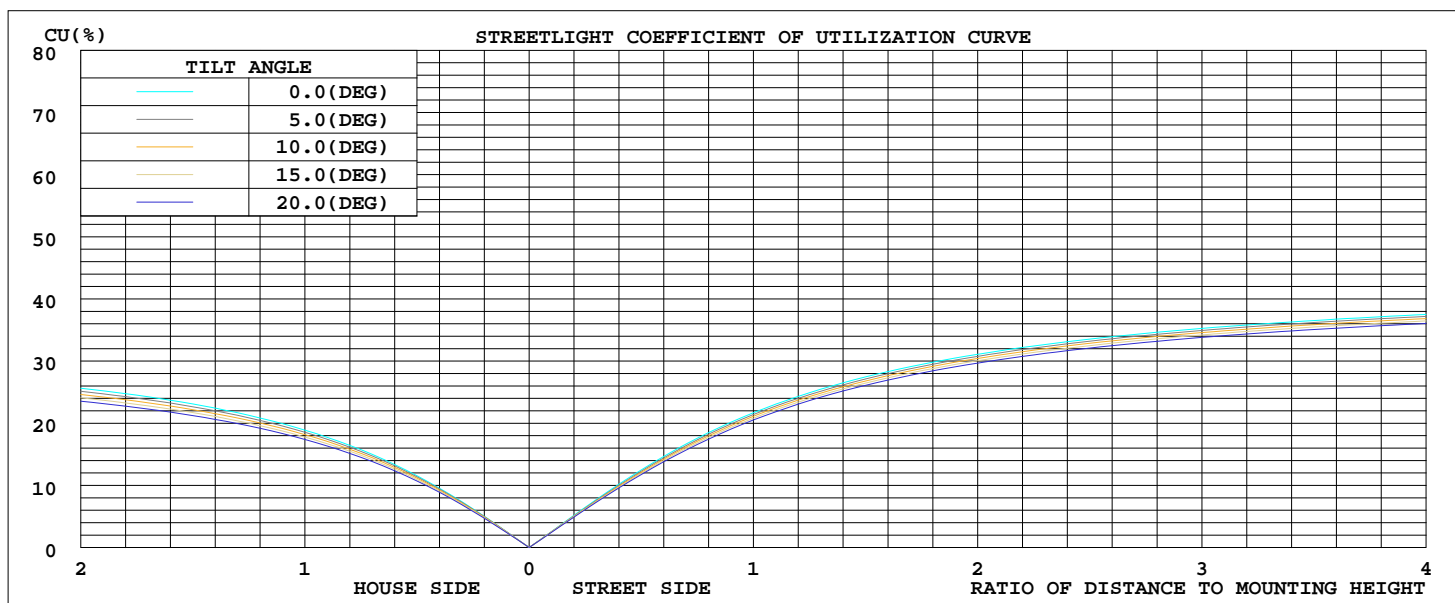
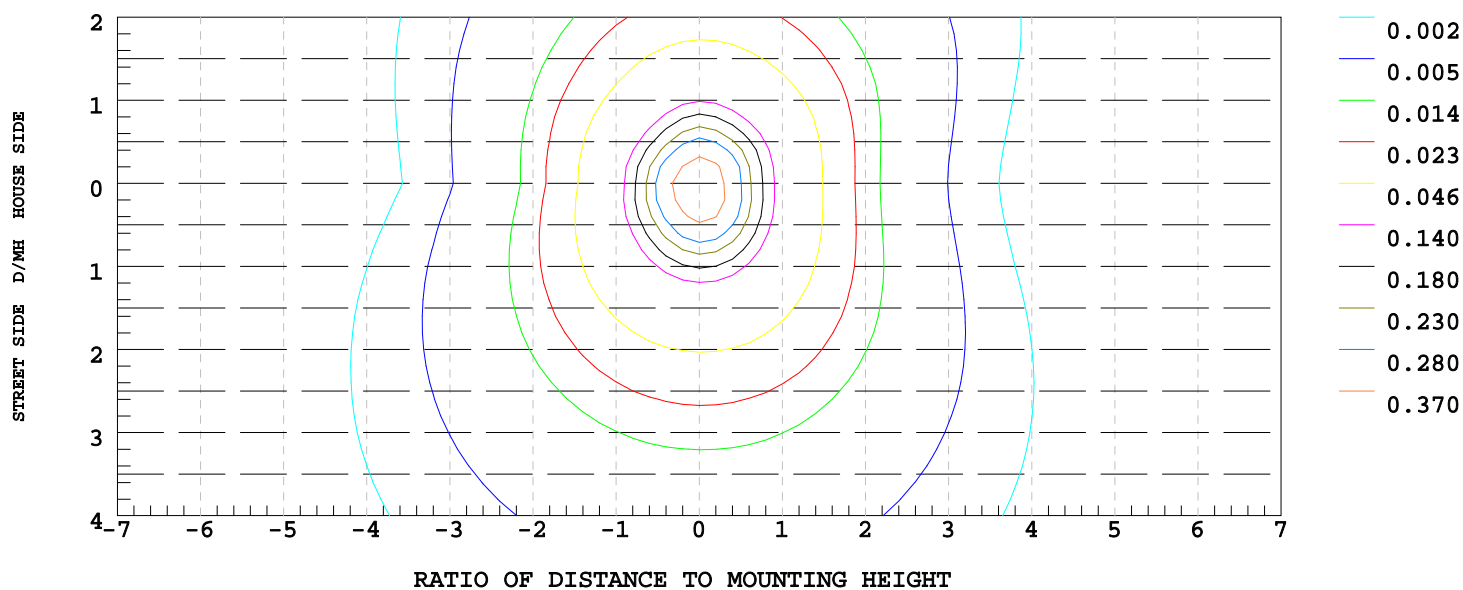
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.100 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.46 lx



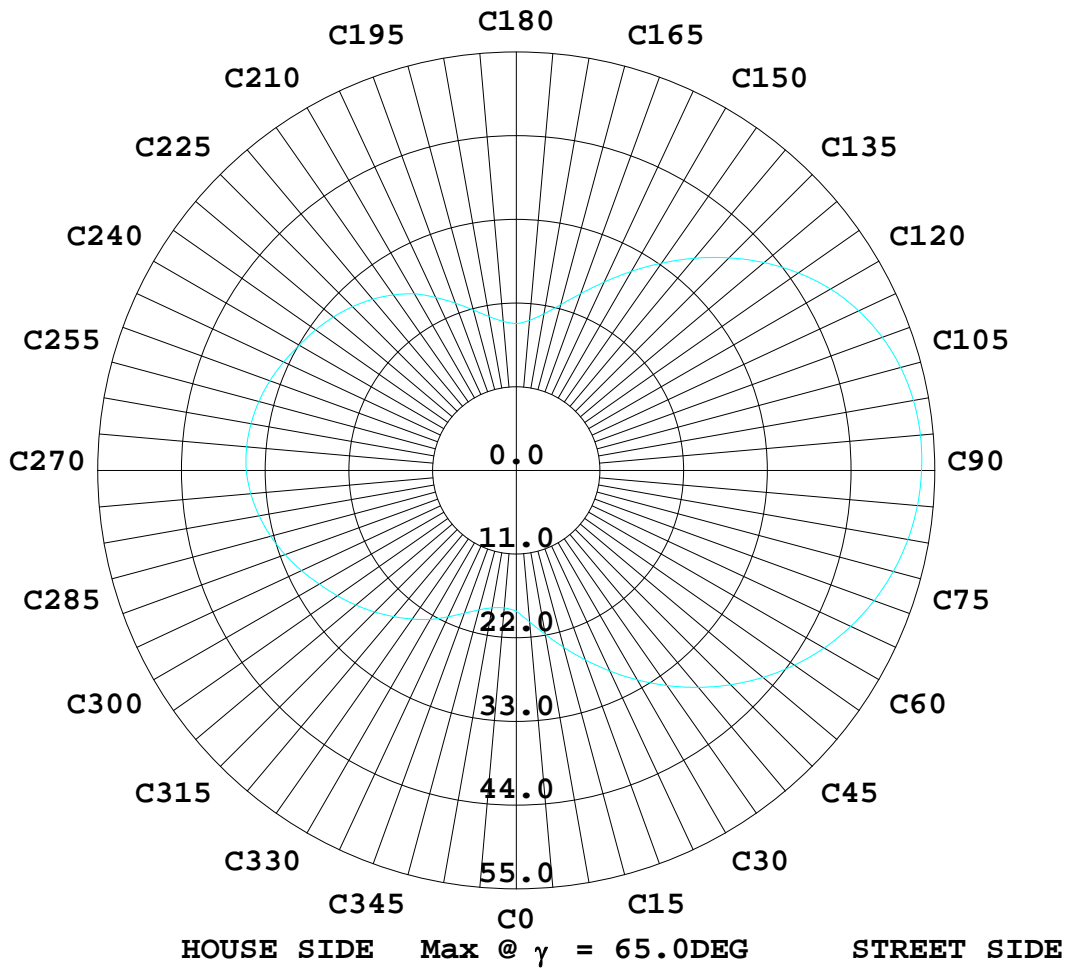
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

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	45.9	46.1	44.6	46.0	45.3	45.7	45.9	46.1	44.6	46.0	45.3	45.7
5.0	45.8	46.0	45.2	46.9	46.2	46.1	45.1	45.8	44.0	45.1	44.3	45.1
10.0	45.1	45.7	45.5	47.7	47.0	46.0	44.0	45.2	43.5	44.2	43.2	44.2
15.0	44.1	45.0	45.7	48.5	47.7	45.5	42.7	44.1	42.4	43.4	42.0	43.0
20.0	42.7	44.3	46.2	49.3	48.2	44.7	41.2	42.7	41.7	42.7	40.7	41.4
25.0	41.1	43.3	46.3	50.1	48.5	43.8	39.7	41.3	40.8	41.8	39.4	39.8
30.0	39.1	42.2	46.3	50.7	48.8	42.8	38.1	39.8	39.8	41.0	38.0	38.0
35.0	37.0	41.0	46.6	51.3	48.9	41.7	36.4	38.3	38.8	40.2	36.7	36.1
40.0	34.4	39.7	46.4	51.9	48.9	40.5	34.6	36.8	37.7	39.4	35.4	34.1
45.0	31.8	38.3	46.3	52.3	48.8	38.8	32.6	35.3	36.6	38.5	34.1	32.0
50.0	28.7	36.8	46.3	52.6	48.6	36.8	30.0	33.5	35.5	37.7	32.9	29.8
55.0	25.4	35.2	46.9	52.9	48.3	34.7	26.6	31.3	34.6	36.9	31.8	27.3
60.0	22.0	33.4	46.8	53.0	48.0	32.4	23.1	29.0	33.7	36.2	30.8	25.0
65.0	18.4	31.7	46.6	53.2	47.7	30.2	19.3	26.8	32.9	35.4	29.8	22.6
70.0	14.8	30.2	46.6	53.1	47.3	27.9	15.5	24.6	32.0	34.8	29.0	20.3
75.0	11.2	28.6	46.5	52.9	46.8	25.8	11.6	22.6	31.2	34.2	28.2	18.2
80.0	7.85	27.1	46.2	52.3	46.3	23.9	7.92	20.8	30.2	33.6	27.4	16.3
85.0	4.87	25.4	45.7	51.6	45.5	22.2	4.76	19.2	29.3	32.8	26.6	14.7
90.0	2.97	23.7	45.1	50.1	44.6	20.8	2.34	17.8	28.2	31.9	25.3	13.3
95.0	1.07	14.8	33.4	43.9	32.8	15.9	1.04	14.7	20.7	29.8	16.2	9.97
100.0	0.89	12.3	34.4	41.7	33.5	13.9	0.22	12.3	22.1	27.3	18.2	6.66
105.0	0.82	6.54	30.4	38.1	31.8	12.0	0.26	10.7	20.0	24.9	15.0	4.57
110.0	0.74	2.12	23.8	33.1	28.9	10.0	0.22	8.26	17.1	21.1	11.2	2.08
115.0	0.67	0.41	16.4	26.6	25.6	8.55	0.26	5.87	13.5	16.3	7.59	1.33
120.0	0.63	0.26	8.85	19.9	21.9	7.33	0.26	4.27	9.89	12.2	3.72	1.04
125.0	0.60	0.22	4.72	13.5	18.1	6.32	0.26	3.05	6.77	8.29	1.22	0.89
130.0	0.56	0.19	2.34	8.33	14.6	5.28	0.26	2.26	4.57	4.80	0.71	0.78
135.0	0.52	0.22	1.33	4.57	11.3	4.20	0.26	1.71	2.93	2.30	0.48	0.71
140.0	0.52	0.22	1.11	2.15	8.07	3.12	0.26	1.30	1.78	1.19	0.37	0.63
145.0	0.48	0.22	0.97	0.74	6.17	2.12	0.30	1.00	1.00	1.04	0.33	0.60
150.0	0.45	0.22	0.89	0.30	4.50	1.37	0.30	0.78	0.52	0.93	0.30	0.56
155.0	0.45	0.22	0.82	0.26	2.93	1.00	0.30	0.63	0.26	0.82	0.30	0.52
160.0	0.45	0.22	0.74	0.26	1.67	0.78	0.30	0.56	0.26	0.74	0.30	0.52
165.0	0.41	0.22	0.71	0.30	1.00	0.60	0.33	0.52	0.26	0.71	0.30	0.48
170.0	0.41	0.22	0.67	0.30	0.86	0.56	0.33	0.52	0.26	0.67	0.30	0.48
175.0	0.41	0.22	0.63	0.30	0.78	0.48	0.33	0.48	0.26	0.63	0.30	0.56
180.0	0.37	0.26	0.56	0.33	0.67	0.41	0.41	0.45	0.30	0.56	0.33	1.00

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: