

# LUMINAIRE PHOTOMETRIC TEST REPORT

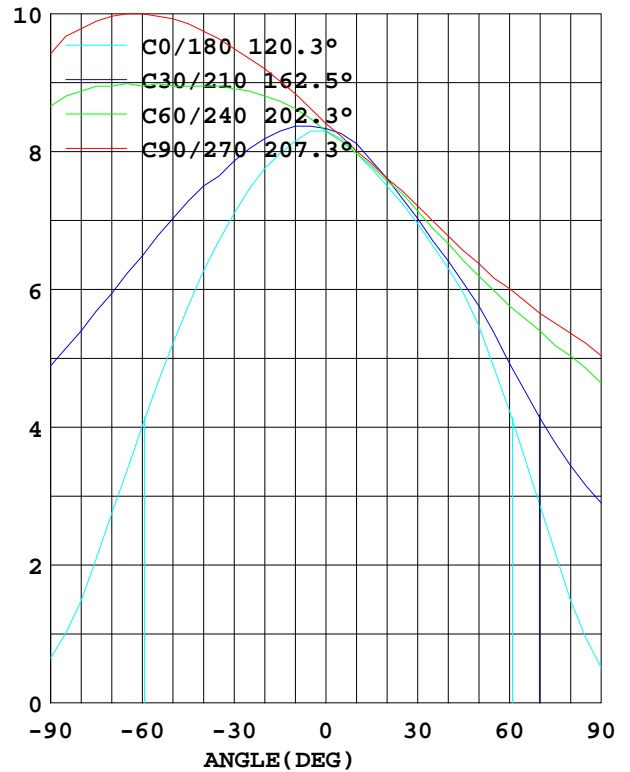
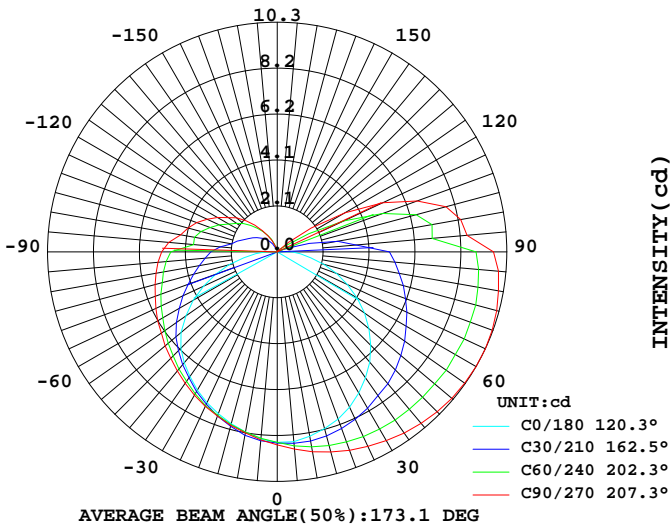
Report number:

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

DATA OF LAMP		I <sub>max</sub> (cd)	10.26	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.74
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	52.287	Voltage(V)	24.13
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	6.1	Current(A)	0.354
NOMINAL FLUX(lm)	52.3	η up(%)	22.5	Power(W)	8.559
LAMPS QUANTITY	1	η down(%)	77.5	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.1	Effective Flux(lm)	23.3	EEL	1.587

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:

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## Color Temperature Data List

Report number:

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

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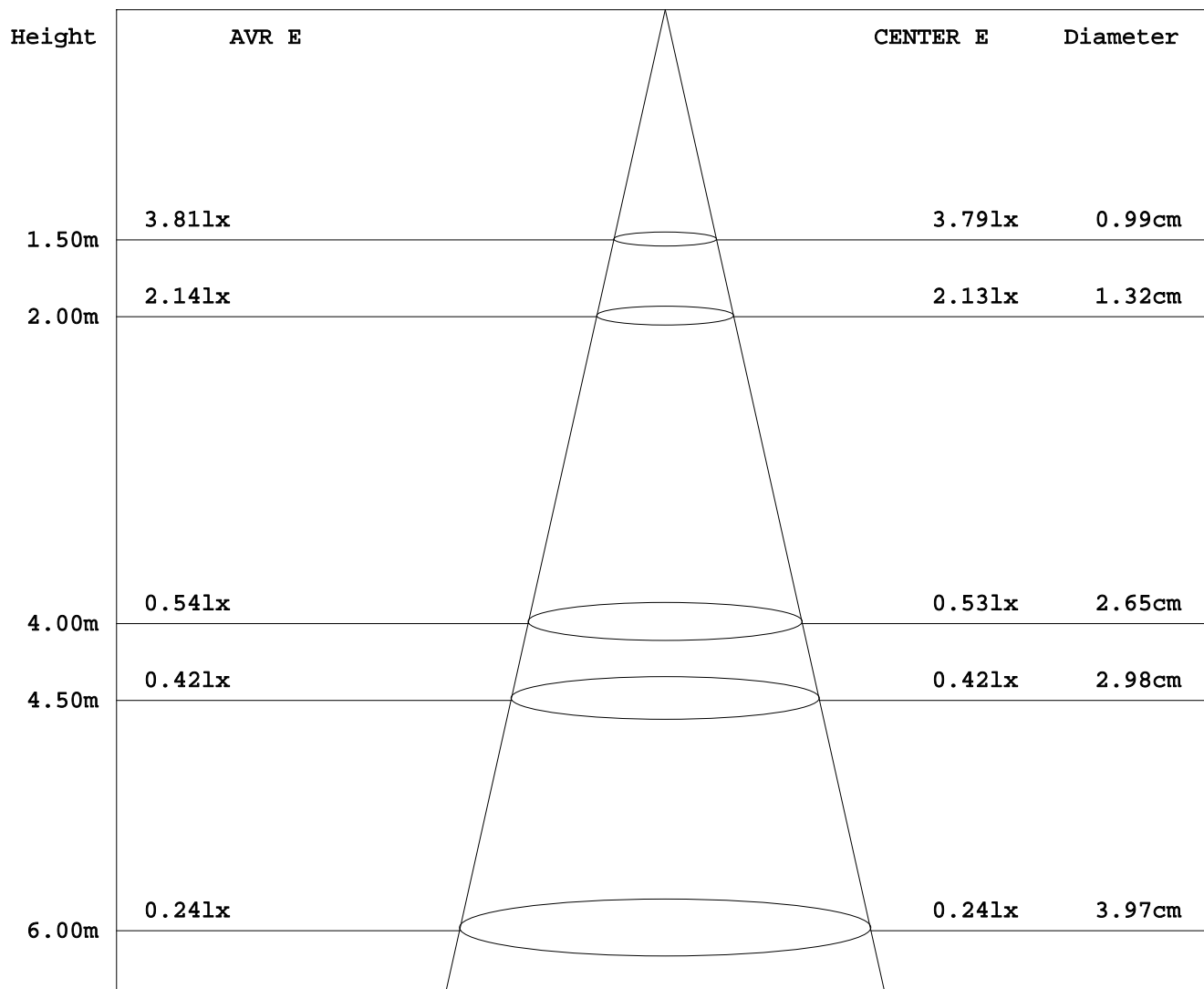
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-27-2025

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: 0.4deg

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	8.372	8.725	9.079	8.800	8.186	8.260	8.223	8.186	0- 10	0.814	0.814
20.0	7.962	8.725	9.451	8.800	7.702	7.795	7.814	7.665	10- 20	2.370	3.184
30.0	7.293	8.614	9.749	8.688	7.144	7.274	7.404	7.014	20- 30	3.734	6.919
40.0	6.437	8.446	10.00	8.483	6.474	6.716	6.958	6.325	30- 40	4.829	11.74
50.0	5.358	8.204	10.19	8.111	5.618	6.139	6.548	5.581	40- 50	5.600	17.34
60.0	4.130	7.925	10.26	7.609	4.353	5.488	6.176	4.837	50- 60	5.993	23.34
70.0	2.827	7.646	10.23	7.051	2.939	4.893	5.804	4.130	60- 70	6.030	29.37
80.0	1.525	7.330	10.04	6.511	1.525	4.353	5.507	3.572	70- 80	5.787	35.16
90.0	0.670	6.958	9.674	6.065	0.521	3.869	5.172	3.088	80- 90	5.369	40.52
100.0	0.037	4.893	8.335	4.595	0.074	2.920	4.390	2.139	90-100	4.233	44.76
110.0	0.037	2.772	6.660	4.074	0.037	2.400	3.832	1.451	100-110	3.299	48.06
120.0	0.037	0.837	3.497	2.995	0.037	1.879	3.088	0.893	110-120	2.152	50.21
130.0	0.037	0.112	0.670	1.934	0.037	1.469	2.381	0.391	120-130	1.126	51.34
140.0	0.037	0.037	0.037	1.227	0.037	1.041	1.562	0.093	130-140	0.551	51.89
150.0	0.074	0.019	0	0.707	0.037	0.633	0.819	0	140-150	0.264	52.15
160.0	0.074	0.019	0	0.335	0	0.260	0.298	0	150-160	0.101	52.25
170.0	0.074	0.019	0	0.130	0	0.056	0.112	0	160-170	0.024	52.28
180.0	0.074	0.037	0	0.037	0.074	0.037	0.037	0.093	170-180	0.005	52.28
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:

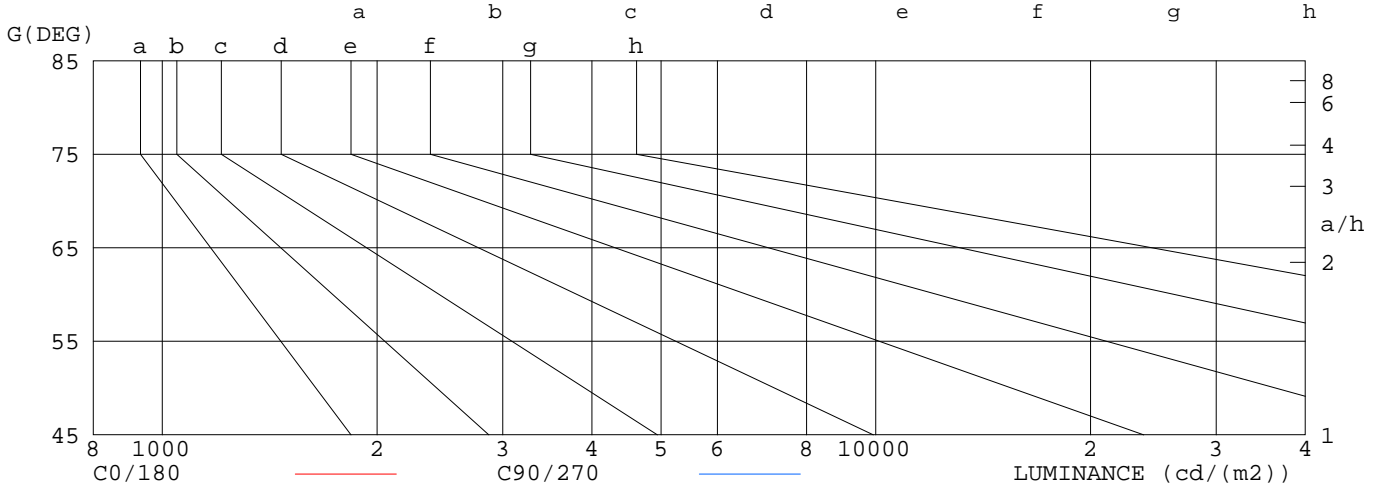
## LUMINANCE LIMITATION CURVES

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b>		<b>TYPE:</b>	
<b>SPECIFICATION:</b>		<b>SERIAL No.:</b>	
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	120	1140
80	88	579
75	83	392
70	83	299
65	82	243
60	83	205
55	83	178
50	83	159
45	84	143

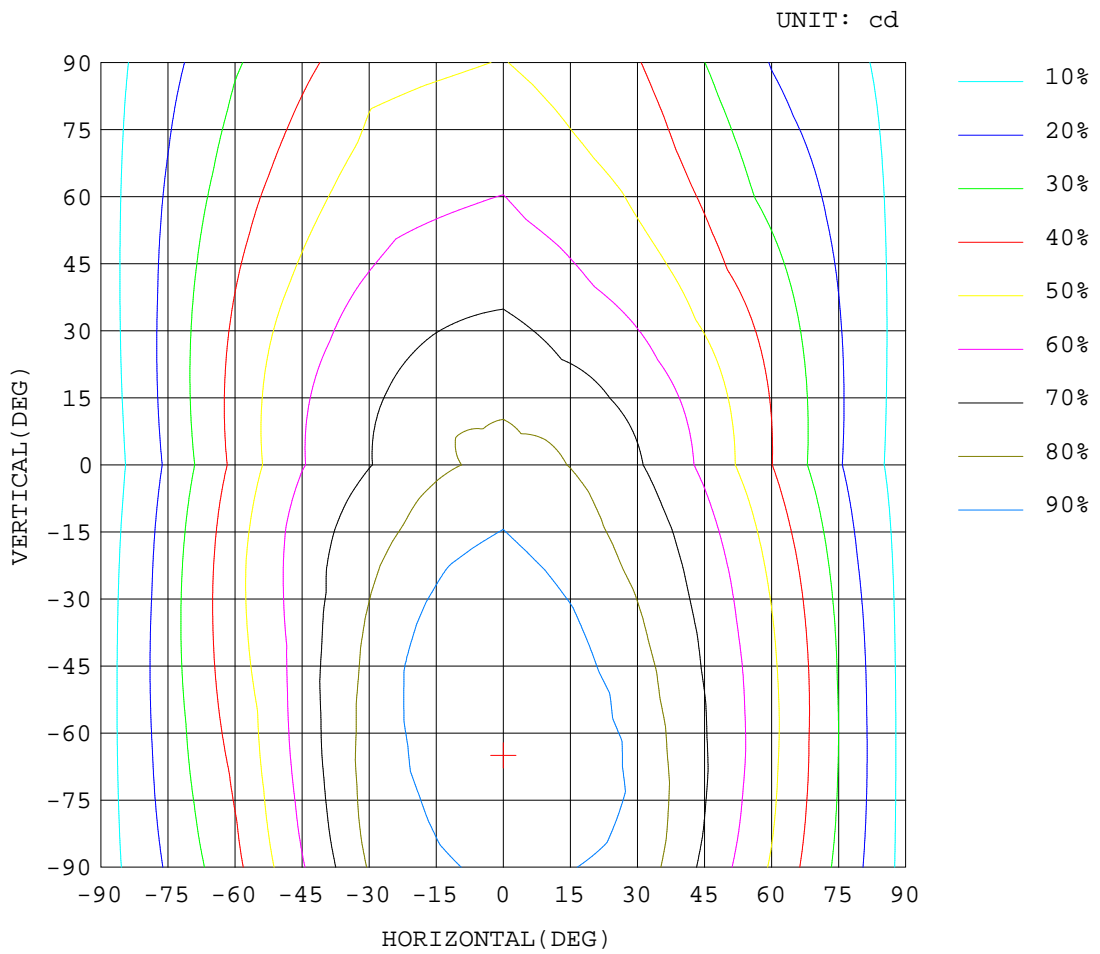
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-27-2025

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.:



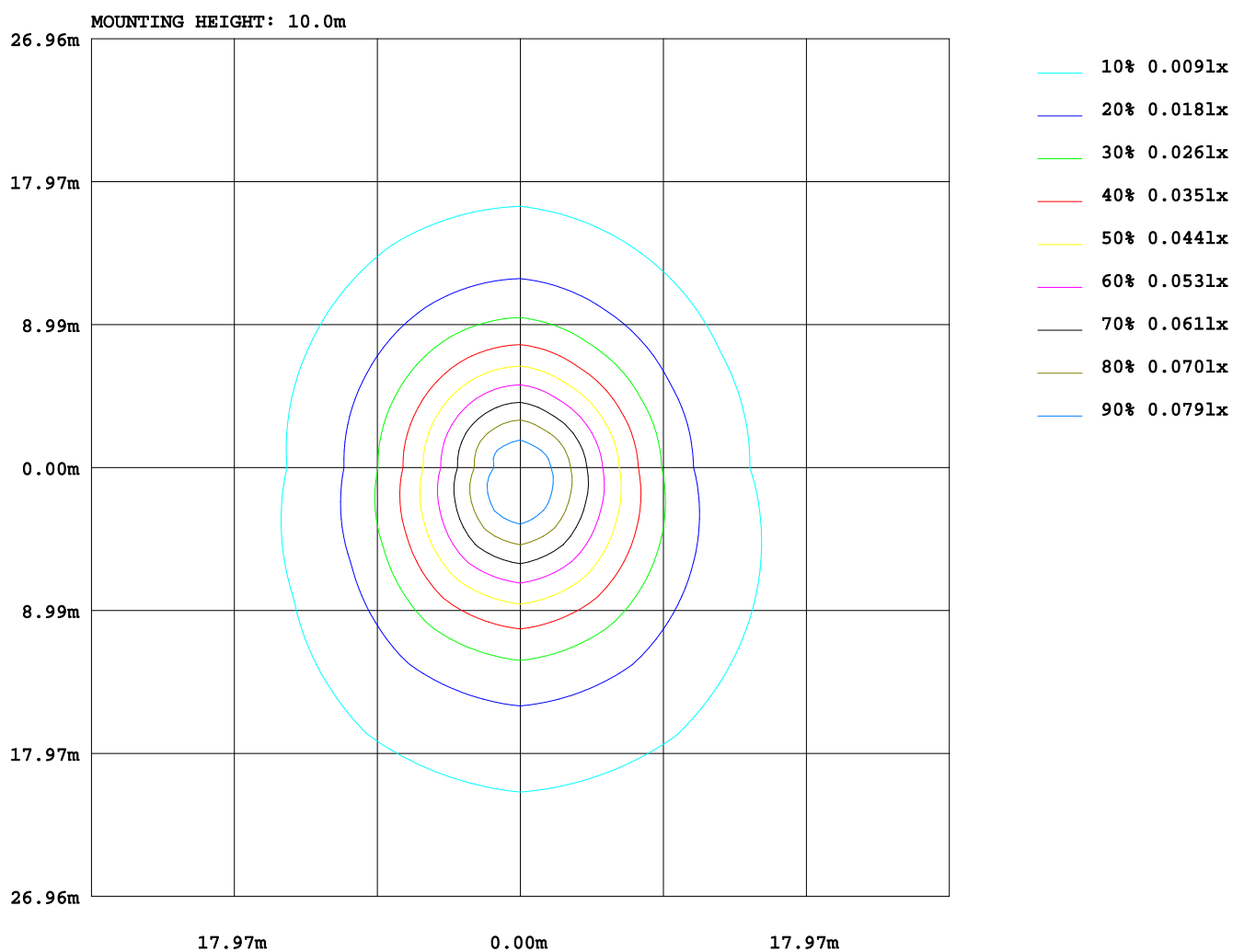
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-27-2025

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.:



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	0.00	0.01	0.03	0.06	0.09	0.12	0.14	0.15	0.16	0.16	0.14	0.12	0.10	0.07	0.04	0.02	0.01	0.00	1.44	1.34	
80	0.00	0.02	0.04	0.06	0.09	0.12	0.15	0.16	0.17	0.17	0.15	0.13	0.11	0.08	0.05	0.03	0.01	0.00	1.53	1.43	
70	0.00	0.02	0.04	0.07	0.10	0.13	0.16	0.17	0.18	0.18	0.16	0.14	0.11	0.08	0.05	0.03	0.01	0.00	1.63	1.52	
60	0.00	0.02	0.04	0.07	0.11	0.14	0.16	0.18	0.19	0.19	0.17	0.15	0.12	0.09	0.06	0.03	0.01	0.00	1.74	1.62	
50	0.00	0.02	0.04	0.08	0.11	0.15	0.17	0.19	0.20	0.20	0.18	0.16	0.13	0.10	0.06	0.04	0.02	0.00	1.86	1.73	
40	0.00	0.02	0.05	0.08	0.12	0.15	0.18	0.20	0.22	0.21	0.19	0.17	0.14	0.11	0.07	0.04	0.02	0.00	1.98	1.85	
30	0.00	0.02	0.05	0.09	0.13	0.16	0.19	0.22	0.23	0.23	0.21	0.18	0.15	0.11	0.08	0.04	0.02	0.00	2.10	1.97	
20	0.00	0.02	0.05	0.09	0.13	0.17	0.20	0.23	0.24	0.24	0.22	0.20	0.16	0.12	0.08	0.04	0.02	0.00	2.21	2.07	
10	0.00	0.02	0.05	0.09	0.13	0.17	0.20	0.23	0.25	0.25	0.24	0.21	0.17	0.13	0.08	0.05	0.02	0.00	2.29	2.15	
0	0.00	0.02	0.05	0.09	0.13	0.18	0.21	0.24	0.26	0.26	0.25	0.22	0.18	0.13	0.09	0.05	0.02	0.00	2.38	2.24	
-10	0.00	0.02	0.05	0.09	0.14	0.18	0.22	0.26	0.28	0.28	0.26	0.22	0.18	0.14	0.09	0.05	0.02	0.00	2.50	2.35	
-20	0.00	0.02	0.05	0.10	0.14	0.19	0.23	0.27	0.29	0.29	0.27	0.23	0.19	0.15	0.10	0.06	0.02	0.00	2.59	2.43	
-30	0.00	0.02	0.05	0.10	0.14	0.19	0.24	0.28	0.29	0.29	0.27	0.24	0.20	0.15	0.10	0.06	0.02	0.00	2.66	2.50	
-40	0.00	0.02	0.05	0.09	0.14	0.20	0.25	0.28	0.30	0.30	0.28	0.25	0.20	0.15	0.10	0.06	0.02	0.00	2.71	2.54	
-50	0.00	0.02	0.05	0.09	0.14	0.20	0.25	0.28	0.30	0.30	0.28	0.25	0.21	0.16	0.11	0.06	0.02	0.00	2.73	2.57	
-60	0.00	0.02	0.05	0.09	0.14	0.20	0.25	0.28	0.30	0.31	0.28	0.26	0.21	0.16	0.11	0.06	0.02	0.00	2.74	2.57	
-70	0.00	0.02	0.05	0.09	0.14	0.20	0.25	0.28	0.30	0.30	0.28	0.26	0.21	0.16	0.10	0.06	0.02	0.00	2.71	2.55	
-80	0.00	0.02	0.04	0.08	0.13	0.19	0.24	0.27	0.29	0.30	0.28	0.25	0.21	0.15	0.10	0.06	0.02	0.00	2.65	2.49	
-90	0.00	0.02	0.04	0.08	0.13	0.19	0.24	0.27	0.29	0.30	0.28	0.25	0.21	0.15	0.10	0.06	0.02	0.00	2.65	2.49	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL( DEG)				20	30	40	50	60	70	80	90	
Φ t	0.06	0.34	0.84	1.50	2.26	3.03	3.70	4.17	4.46	4.44	4.11	3.63	2.97	2.22	1.48	0.84	0.35	0.07	52		
Φ a	0.00	0.00	0.00	1.50	2.26	3.03	3.70	4.17	4.46	4.44	4.11	3.63	2.97	2.22	1.48	0.00	0.00	0.00		23	

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

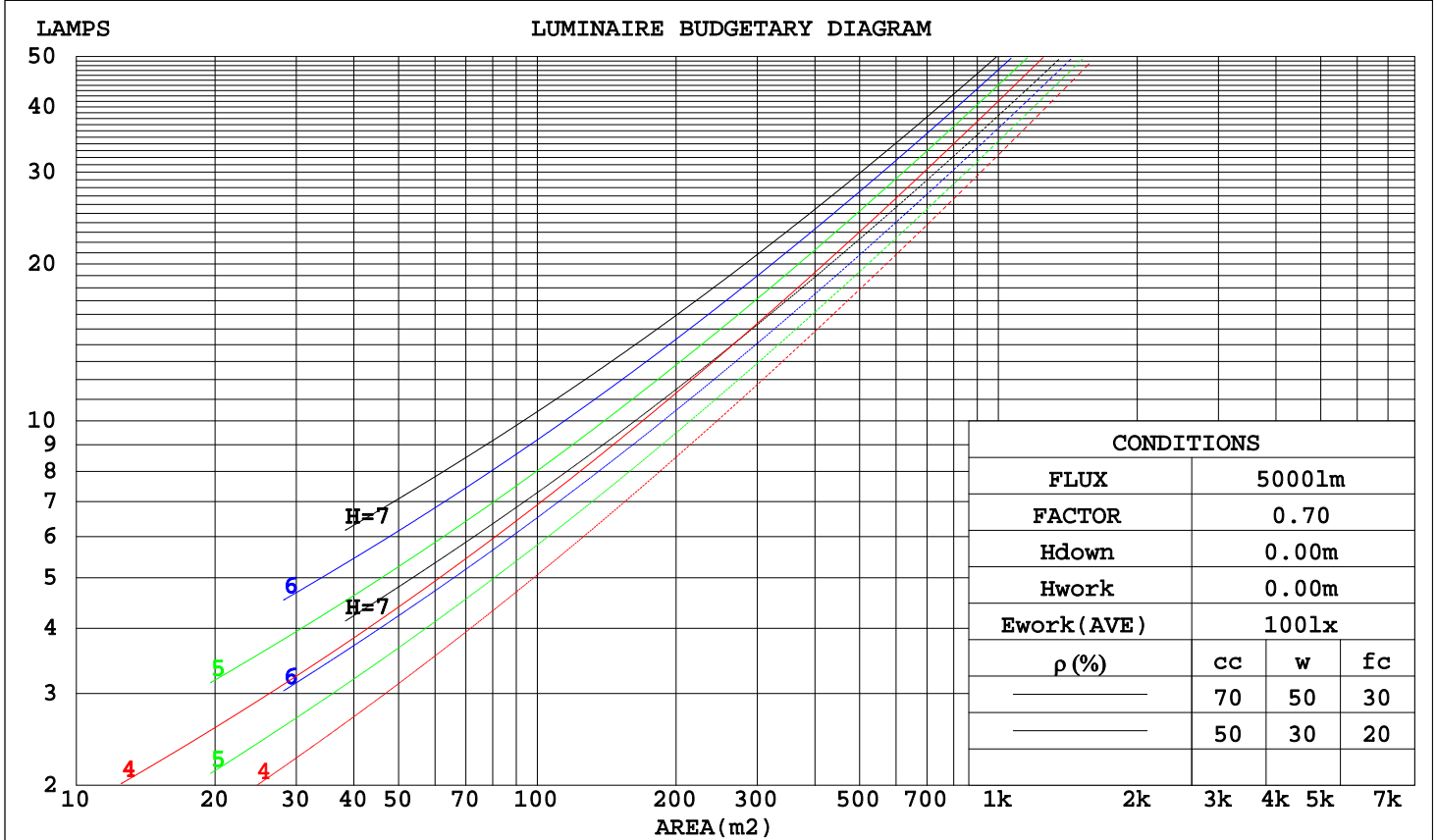
Test Set: 7.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.100 m  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

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

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.14	1.14	1.14	1.08	1.08	1.08	.99	.99	.99	.90	.90	.90	.81	.81	.81	.78
1.0	.92	.87	.81	.88	.83	.78	.79	.75	.71	.72	.68	.65	.64	.62	.59	.55
2.0	.78	.70	.63	.74	.67	.60	.67	.61	.55	.60	.55	.51	.54	.50	.46	.43
3.0	.67	.58	.50	.64	.55	.48	.58	.51	.45	.52	.46	.41	.46	.42	.38	.34
4.0	.59	.49	.41	.56	.47	.40	.51	.43	.37	.45	.39	.34	.41	.36	.31	.28
5.0	.52	.42	.35	.50	.40	.34	.45	.37	.31	.40	.34	.29	.36	.31	.26	.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	.26	.22	.30	.24	.20	.18
8.0	.38	.29	.23	.36	.28	.22	.33	.26	.21	.30	.24	.19	.27	.22	.18	.15
9.0	.35	.26	.20	.33	.25	.20	.30	.23	.18	.28	.21	.17	.25	.20	.16	.14
10.0	.32	.24	.18	.30	.23	.18	.28	.21	.16	.25	.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 <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.425	.242	.077	.411	.234	.074	.384	.220	.070	.360	.208	.067	.337	.196	.063	
2.0	.357	.196	.060	.344	.189	.058	.320	.178	.055	.298	.167	.052	.277	.157	.049	
3.0	.312	.166	.050	.300	.161	.048	.278	.151	.046	.258	.141	.043	.239	.133	.041	
4.0	.278	.144	.042	.267	.140	.041	.247	.131	.039	.229	.123	.037	.212	.115	.035	
5.0	.250	.128	.037	.241	.124	.036	.223	.116	.034	.206	.109	.032	.190	.102	.031	
6.0	.228	.114	.033	.219	.111	.032	.203	.104	.030	.188	.097	.029	.173	.091	.027	
7.0	.210	.104	.029	.202	.100	.029	.186	.094	.027	.172	.088	.026	.159	.083	.024	
8.0	.194	.095	.027	.186	.092	.026	.172	.086	.025	.159	.081	.023	.147	.075	.022	
9.0	.180	.087	.024	.173	.084	.024	.160	.079	.022	.148	.074	.021	.137	.069	.020	
10.0	.168	.081	.022	.162	.078	.022	.150	.073	.021	.139	.069	.020	.128	.064	.018	

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.362	.362	.362	.309	.309	.309	.211	.211	.211	.121	.121	.121	.039	.039	.039	
1.0	.361	.328	.298	.309	.281	.256	.211	.194	.177	.122	.112	.103	.039	.036	.033	
2.0	.355	.305	.264	.304	.263	.228	.208	.182	.159	.120	.106	.093	.039	.034	.030	
3.0	.347	.289	.243	.298	.250	.211	.204	.173	.148	.118	.101	.087	.038	.033	.029	
4.0	.339	.277	.230	.291	.240	.200	.200	.167	.140	.116	.098	.083	.037	.032	.027	
5.0	.332	.268	.220	.285	.232	.192	.196	.162	.135	.114	.095	.080	.037	.031	.026	
6.0	.324	.260	.214	.278	.225	.186	.192	.158	.132	.111	.093	.078	.036	.030	.026	
7.0	.317	.253	.209	.272	.220	.182	.188	.154	.129	.109	.091	.077	.035	.030	.025	
8.0	.310	.248	.205	.267	.215	.179	.185	.151	.127	.107	.089	.076	.035	.029	.025	
9.0	.303	.243	.202	.261	.211	.176	.181	.148	.125	.105	.088	.075	.034	.029	.025	
10.0	.297	.239	.200	.256	.207	.175	.178	.146	.124	.104	.086	.074	.034	.028	.025	

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		3.4	4.8	3.9	5.3	6.0	6.7	8.1	7.3	8.7	9.3	
	3H	5.3	6.5	5.9	7.1	7.8	10.0	11.3	10.6	11.9	12.6	
	4H	6.1	7.3	6.7	8.0	8.7	11.9	13.1	12.5	13.7	14.5	
	6H	6.9	8.0	7.5	8.6	9.4	14.0	15.1	14.6	15.8	16.5	
	8H	7.2	8.3	7.8	8.9	9.7	15.1	16.3	15.8	16.9	17.7	
	12H	7.5	8.6	8.2	9.2	10.0	16.5	17.6	17.1	18.2	19.0	
	4H	2H	5.2	6.4	5.8	7.0	7.7	7.4	8.6	8.0	9.2	9.9
		3H	7.4	8.5	8.0	9.1	9.9	11.0	12.0	11.6	12.7	13.5
		4H	8.5	9.5	9.2	10.2	11.0	13.0	14.0	13.7	14.7	15.5
		6H	9.5	10.4	10.2	11.1	11.9	15.3	16.2	16.0	16.9	17.7
		8H	9.9	10.8	10.6	11.5	12.3	16.6	17.4	17.3	18.1	19.0
		12H	10.4	11.1	11.1	11.9	12.7	18.1	18.8	18.8	19.6	20.4
	8H	4H	10.2	11.0	10.9	11.7	12.6	13.5	14.3	14.2	15.0	15.9
		6H	11.6	12.4	12.4	13.1	14.0	16.1	16.8	16.8	17.6	18.4
		8H	12.4	13.0	13.1	13.8	14.7	17.6	18.2	18.4	19.0	19.9
		12H	13.1	13.7	13.9	14.4	15.4	19.4	19.9	20.1	20.7	21.6
	12H	4H	10.7	11.5	11.5	12.3	13.1	13.5	14.3	14.2	15.0	15.9
		6H	12.5	13.1	13.3	13.9	14.8	16.3	16.9	17.0	17.7	18.6
		8H	13.4	14.0	14.2	14.8	15.7	17.9	18.5	18.7	19.2	20.2
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 52.28 lm Total Lamp Luminous Flux. (8log(F/F0) = -10.3)

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	29	21
1.00	60	46	37	58	45	37	54	46	36	27
1.25	67	53	44	65	52	43	60	49	42	31
1.50	72	59	50	69	57	48	64	54	46	35
2.00	80	68	58	76	65	57	70	61	54	41
2.50	85	73	64	81	71	62	74	66	59	45
3.00	88	78	70	85	75	67	77	70	63	49
4.00	94	84	77	89	81	74	81	75	69	53
5.00	97	89	82	92	85	79	84	78	73	57
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

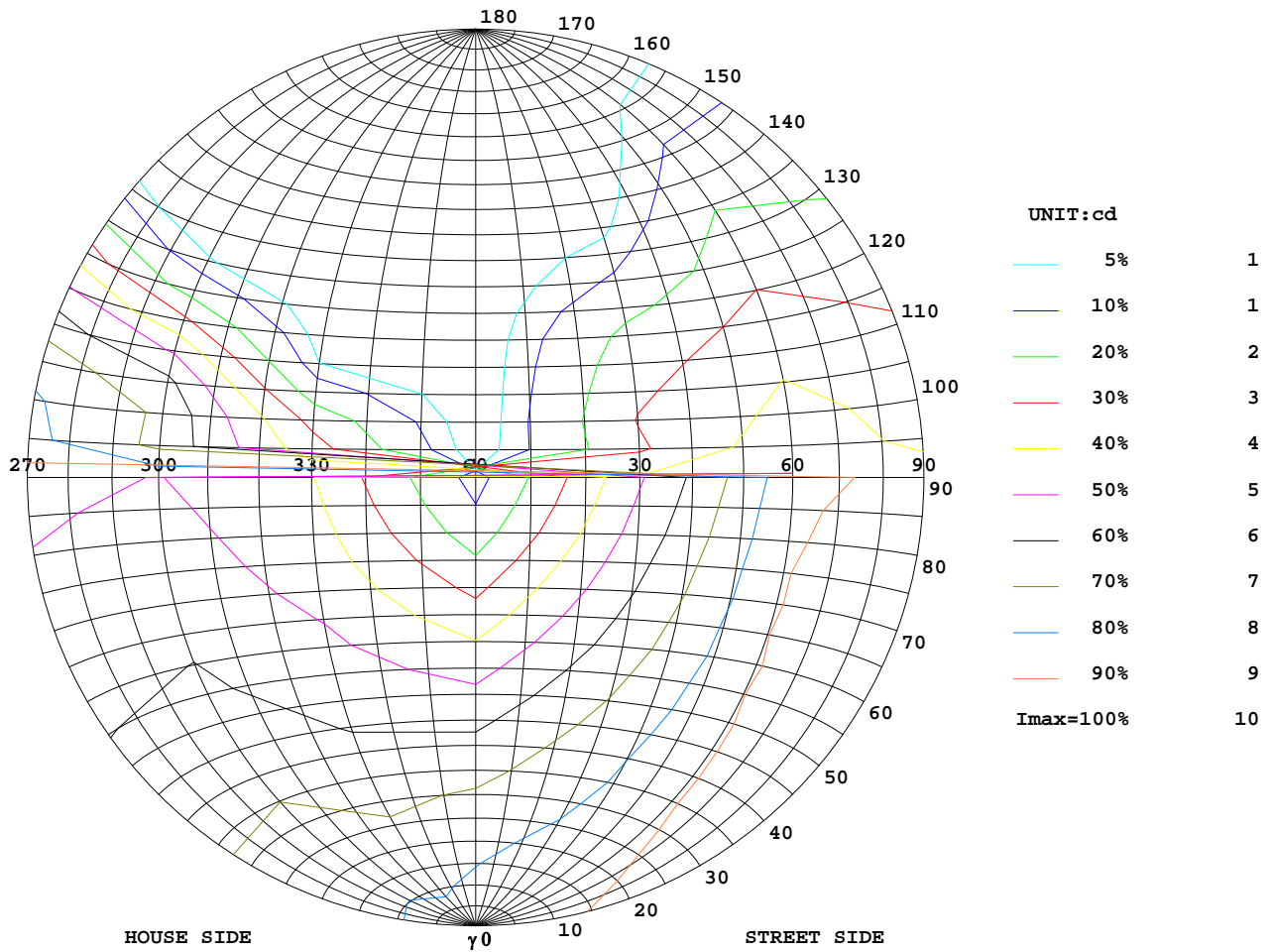
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-27-2025

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

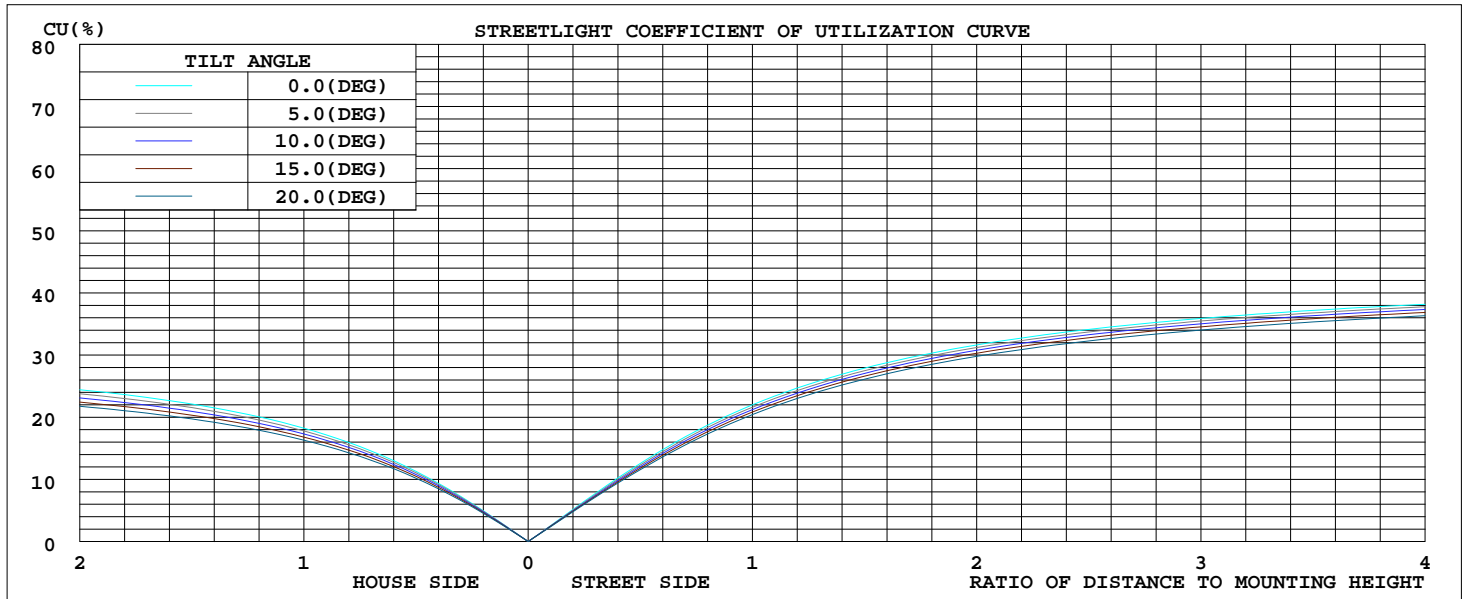
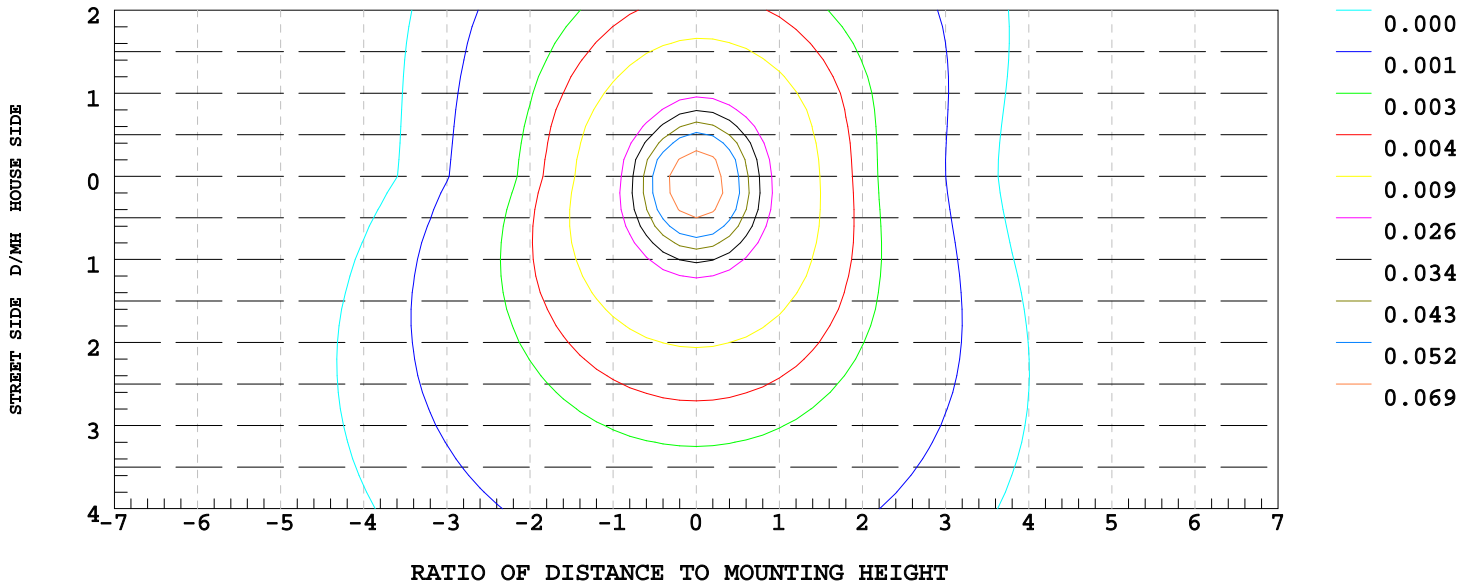
Test Set: 7.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.100 m  
 Remarks:

# ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.09 lx



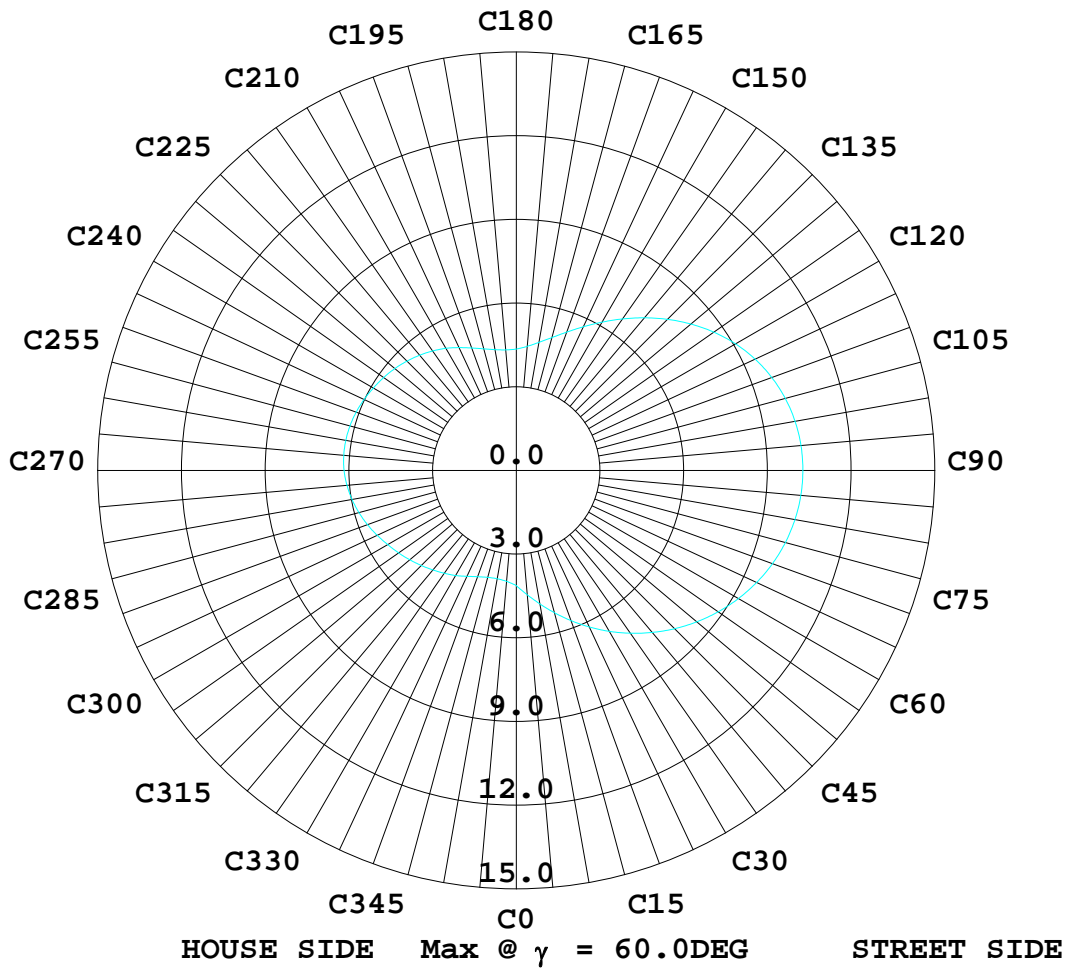
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 06-27-2025

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:

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

UNIT: cd

$\gamma$ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	8.52	8.55	8.52	8.63	8.55	8.59	8.52	8.55	8.52	8.63	8.55	8.59
5.0	8.52	8.59	8.70	8.85	8.74	8.66	8.40	8.48	8.37	8.44	8.37	8.48
10.0	8.37	8.59	8.85	9.07	8.93	8.66	8.18	8.33	8.18	8.22	8.11	8.26
15.0	8.18	8.52	8.96	9.26	9.07	8.55	7.96	8.07	8.00	8.03	7.85	8.03
20.0	7.96	8.40	9.04	9.45	9.15	8.44	7.70	7.81	7.77	7.81	7.59	7.73
25.0	7.66	8.26	9.11	9.60	9.22	8.26	7.44	7.51	7.59	7.62	7.29	7.40
30.0	7.29	8.07	9.15	9.74	9.26	8.11	7.14	7.21	7.33	7.40	6.99	7.03
35.0	6.88	7.85	9.19	9.89	9.30	7.92	6.80	6.88	7.06	7.18	6.69	6.66
40.0	6.43	7.70	9.19	10.0	9.30	7.66	6.47	6.58	6.84	6.95	6.40	6.25
45.0	5.91	7.47	9.19	10.1	9.26	7.36	6.10	6.25	6.58	6.73	6.10	5.76
50.0	5.35	7.21	9.19	10.1	9.22	6.99	5.61	5.91	6.36	6.54	5.84	5.32
55.0	4.76	6.95	9.22	10.2	9.15	6.54	4.98	5.50	6.13	6.32	5.54	4.83
60.0	4.13	6.66	9.19	10.2	9.07	6.13	4.35	5.06	5.91	6.17	5.32	4.35
65.0	3.46	6.40	9.22	10.2	8.96	5.65	3.64	4.65	5.73	5.99	5.09	3.83
70.0	2.82	6.10	9.19	10.2	8.89	5.20	2.93	4.24	5.54	5.80	4.87	3.38
75.0	2.15	5.84	9.19	10.1	8.74	4.80	2.23	3.86	5.32	5.65	4.68	2.97
80.0	1.52	5.54	9.11	10.0	8.63	4.39	1.52	3.53	5.17	5.50	4.53	2.60
85.0	1.04	5.28	9.04	9.93	8.48	4.09	0.97	3.23	4.98	5.35	4.35	2.26
90.0	0.67	5.02	8.89	9.67	8.29	3.83	0.52	2.97	4.76	5.17	4.16	2.00
95.0	0.11	3.53	6.95	8.52	6.17	2.90	0.26	2.56	3.75	4.87	2.93	1.52
100.0	0.04	2.75	7.03	8.33	6.47	2.71	0.07	2.08	3.75	4.39	3.12	1.15
105.0	0.04	1.48	6.43	7.81	6.40	2.49	0.04	1.86	3.53	4.13	2.90	0.71
110.0	0.04	0.52	5.02	6.66	5.99	2.15	0.04	1.60	3.20	3.83	2.64	0.26
115.0	0.04	0.19	3.27	5.20	5.32	1.82	0.04	1.41	2.86	3.46	2.30	0.07
120.0	0.04	0.04	1.63	3.49	4.39	1.60	0.04	1.26	2.49	3.08	1.74	0.04
125.0	0.04	0.00	0.56	1.86	3.46	1.41	0.04	1.11	2.23	2.67	1.15	0.04
130.0	0.04	0.00	0.22	0.67	2.56	1.30	0.04	0.97	1.97	2.38	0.74	0.04
135.0	0.04	0.00	0.11	0.11	1.89	1.15	0.04	0.86	1.67	1.97	0.37	0.04
140.0	0.04	0.00	0.07	0.04	1.45	1.00	0.04	0.71	1.37	1.56	0.15	0.04
145.0	0.04	0.00	0.04	0.00	1.04	0.86	0.04	0.56	1.11	1.15	0.07	0.04
150.0	0.07	0.00	0.04	0.00	0.71	0.71	0.04	0.41	0.86	0.82	0.00	0.00
155.0	0.07	0.00	0.04	0.00	0.41	0.60	0.00	0.22	0.63	0.56	0.00	0.00
160.0	0.07	0.00	0.04	0.00	0.19	0.48	0.00	0.15	0.37	0.30	0.00	0.00
165.0	0.07	0.00	0.04	0.00	0.04	0.33	0.00	0.11	0.11	0.19	0.00	0.00
170.0	0.07	0.00	0.04	0.00	0.04	0.22	0.00	0.07	0.04	0.11	0.00	0.00
175.0	0.11	0.04	0.04	0.00	0.04	0.15	0.04	0.07	0.00	0.07	0.00	0.04
180.0	0.07	0.07	0.00	0.00	0.04	0.04	0.07	0.07	0.00	0.04	0.00	0.19

Test System:HOPOO HPG1800  
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