

# LUMINAIRE PHOTOMETRIC TEST REPORT

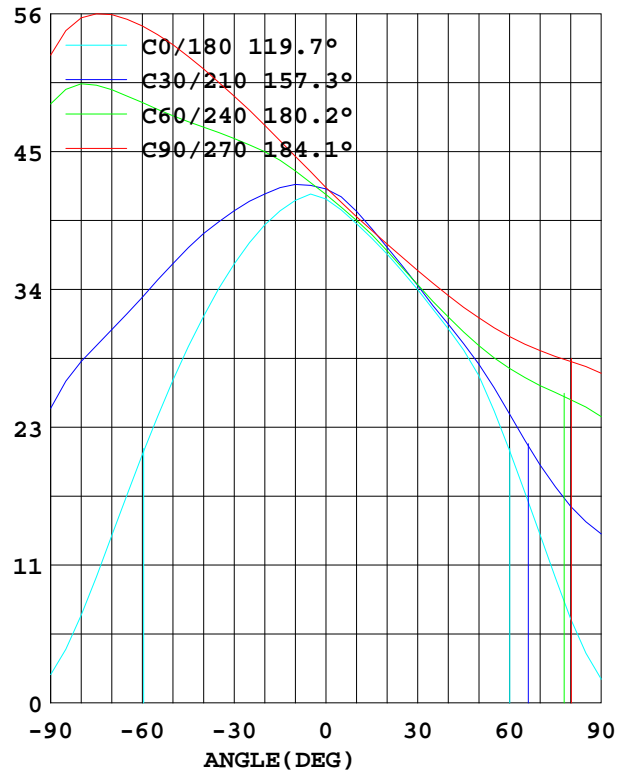
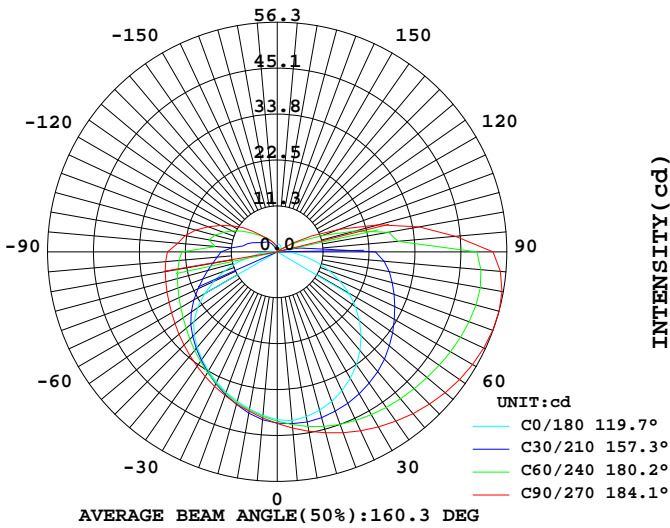
Report number:

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

DATA OF LAMP		I <sub>max</sub> (cd)	56.33	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.83
NOMINAL POWER(W)	8	TOTAL FLUX(lm)	251.80	Voltage(V)	23.93
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	32.2	Current(A)	0.326
NOMINAL FLUX(lm)	251.8	η up(%)	18.6	Power(W)	7.830
LAMPS QUANTITY	1	η down(%)	81.4	Power Factor(PF)	0.999
TEST VOLTAGE(V)	23.9	Effective Flux(lm)	115.1	EEI	0.519

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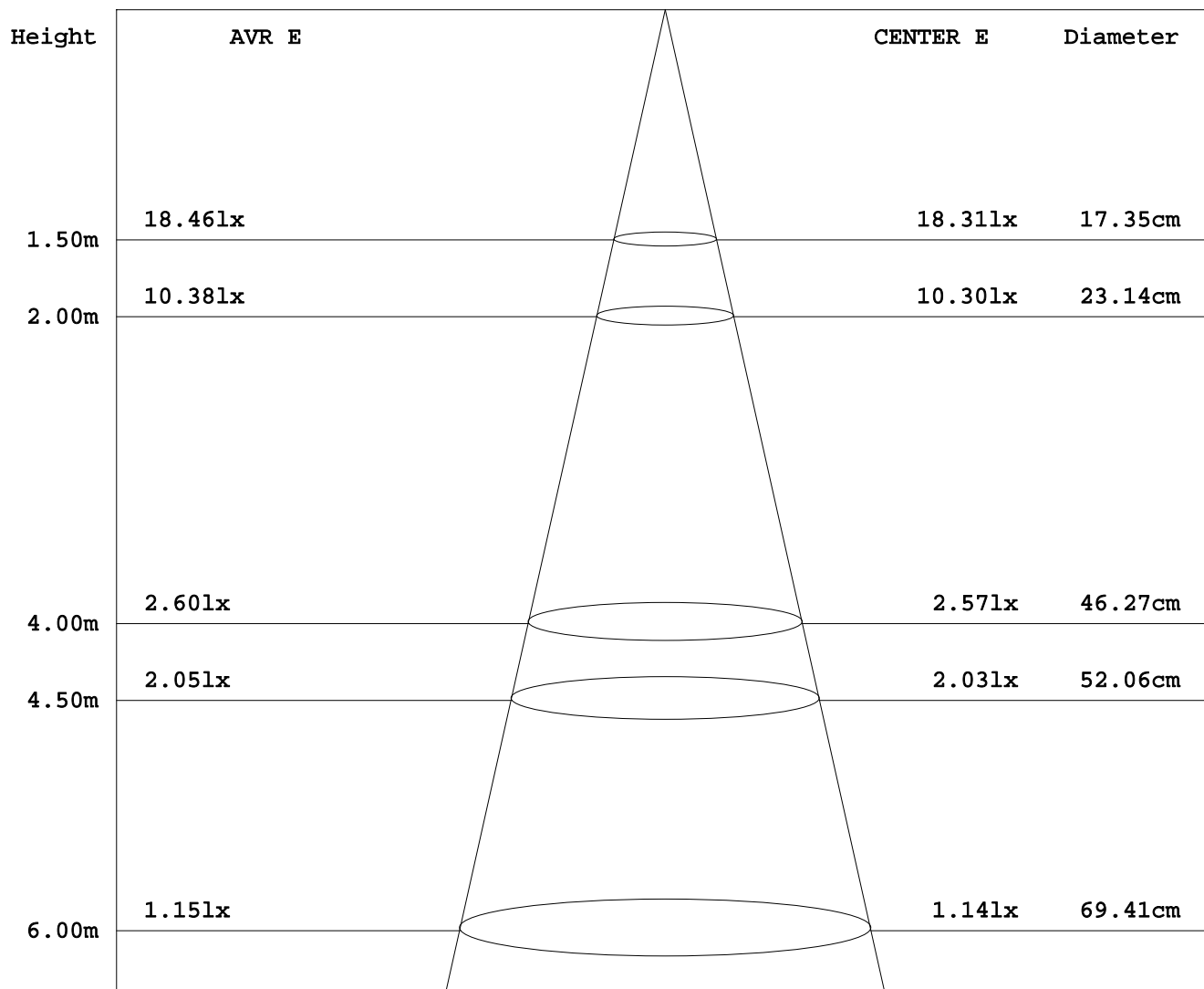
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-27-2025

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: 6.6deg

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.:	

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
10.0	41.07	42.94	44.68	42.66	39.18	39.81	39.74	39.38	0- 10	3.953	3.953
20.0	39.07	43.33	47.21	43.10	36.68	37.09	37.50	36.63	10- 20	11.51	15.46
30.0	35.87	43.18	49.60	43.10	33.78	34.15	35.34	33.47	20- 30	18.18	33.65
40.0	31.59	42.71	51.83	42.88	30.58	31.25	33.30	30.15	30- 40	23.64	57.29
50.0	26.38	41.95	53.80	42.17	26.75	28.44	31.47	26.77	40- 50	27.70	84.99
60.0	20.31	41.11	55.33	40.91	20.65	25.48	29.95	23.53	50- 60	30.10	115.1
70.0	13.69	40.31	56.26	39.38	13.76	22.69	28.80	20.74	60- 70	30.87	145.9
80.0	7.181	39.25	56.00	37.63	6.883	20.42	27.90	18.53	70- 80	30.33	176.3
90.0	2.307	36.52	52.94	35.33	1.934	18.60	26.94	16.68	80- 90	28.58	204.9
100.0	0.744	16.65	35.42	23.21	0.298	12.80	22.99	9.562	90-100	20.21	225.1
110.0	0.819	6.232	16.26	15.47	0.298	10.32	18.04	5.414	100-110	13.04	238.1
120.0	1.041	1.525	4.390	8.576	0.298	7.404	12.87	2.176	110-120	6.841	245.0
130.0	1.265	0.670	0.260	5.041	0.298	5.246	8.000	0.800	120-130	3.307	248.3
140.0	1.488	0.540	0.223	2.772	0.335	3.888	4.651	0.447	130-140	1.764	250.0
150.0	1.674	0.465	0.223	1.227	0.335	2.567	3.162	0.353	140-150	0.952	251.0
160.0	1.860	0.521	0.223	0.651	0.372	1.209	2.269	0.335	150-160	0.476	251.5
170.0	1.972	0.819	0.260	0.447	0.409	0.670	1.600	0.316	160-170	0.215	251.7
180.0	1.748	1.004	0.298	0.409	1.600	1.004	0.521	0.316	170-180	0.073	251.8
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO 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:

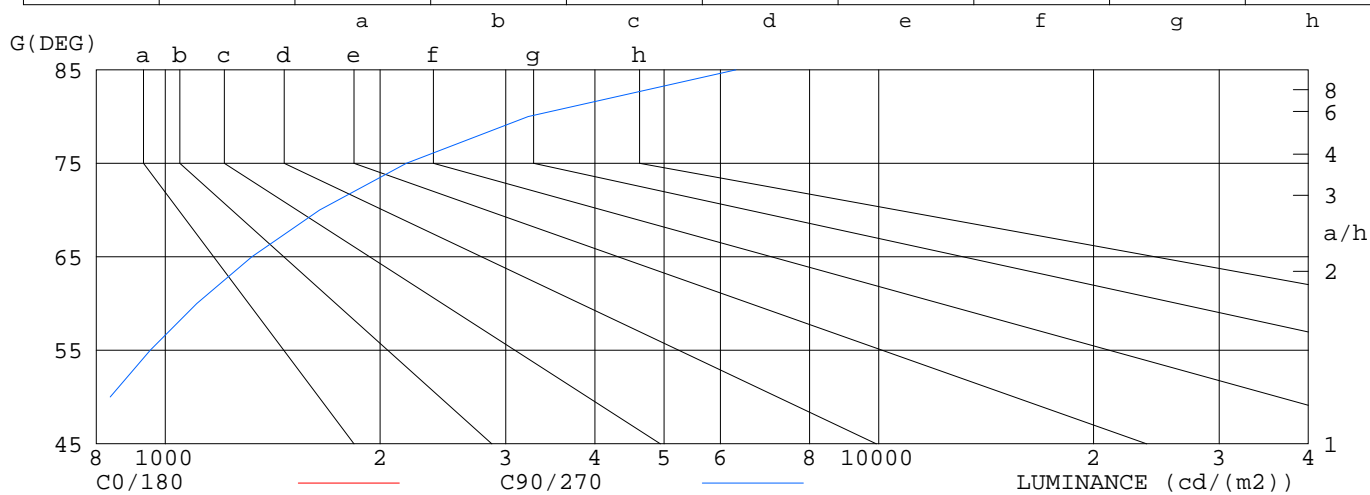
## LUMINANCE LIMITATION CURVES

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	504	6306
80	414	3225
75	398	2177
70	400	1645
65	402	1322
60	406	1107
55	408	952
50	410	837
45	412	747

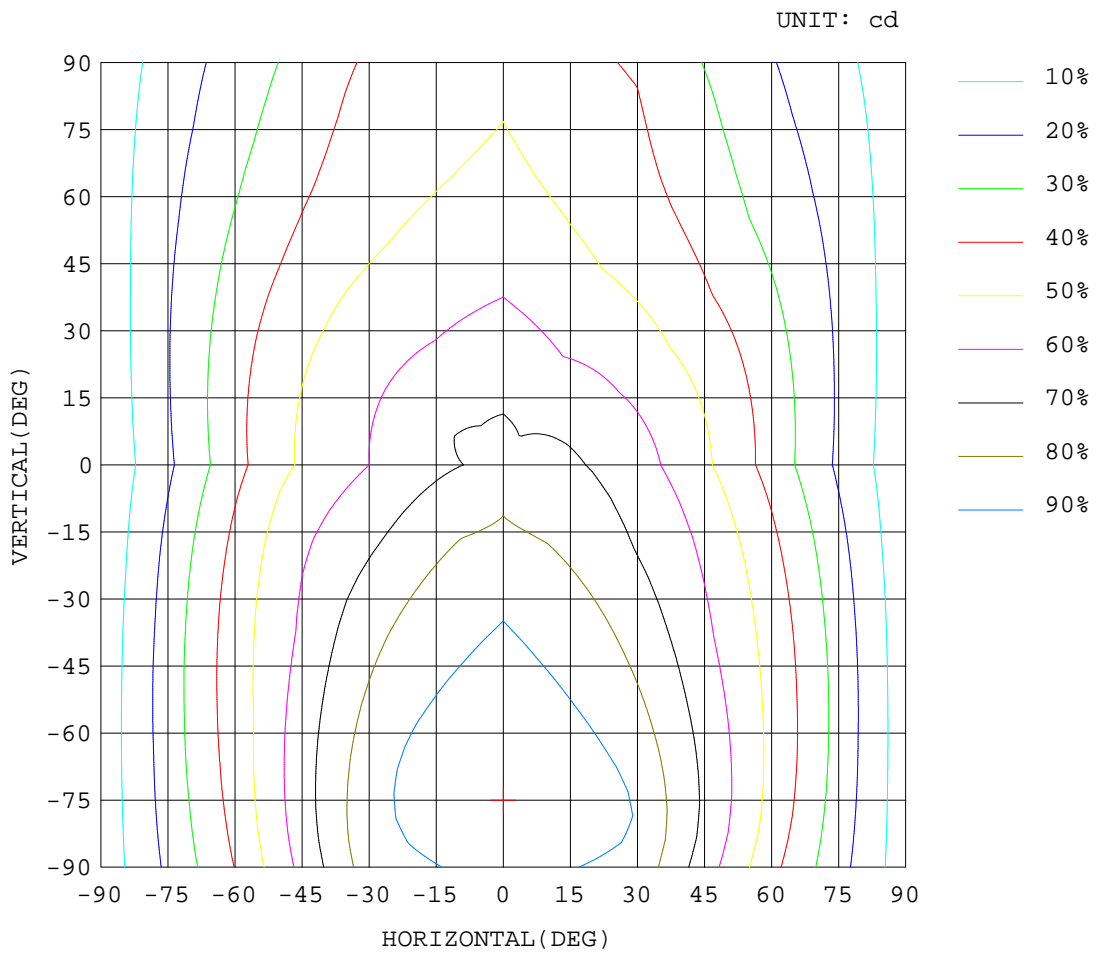
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 06-27-2025

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.:



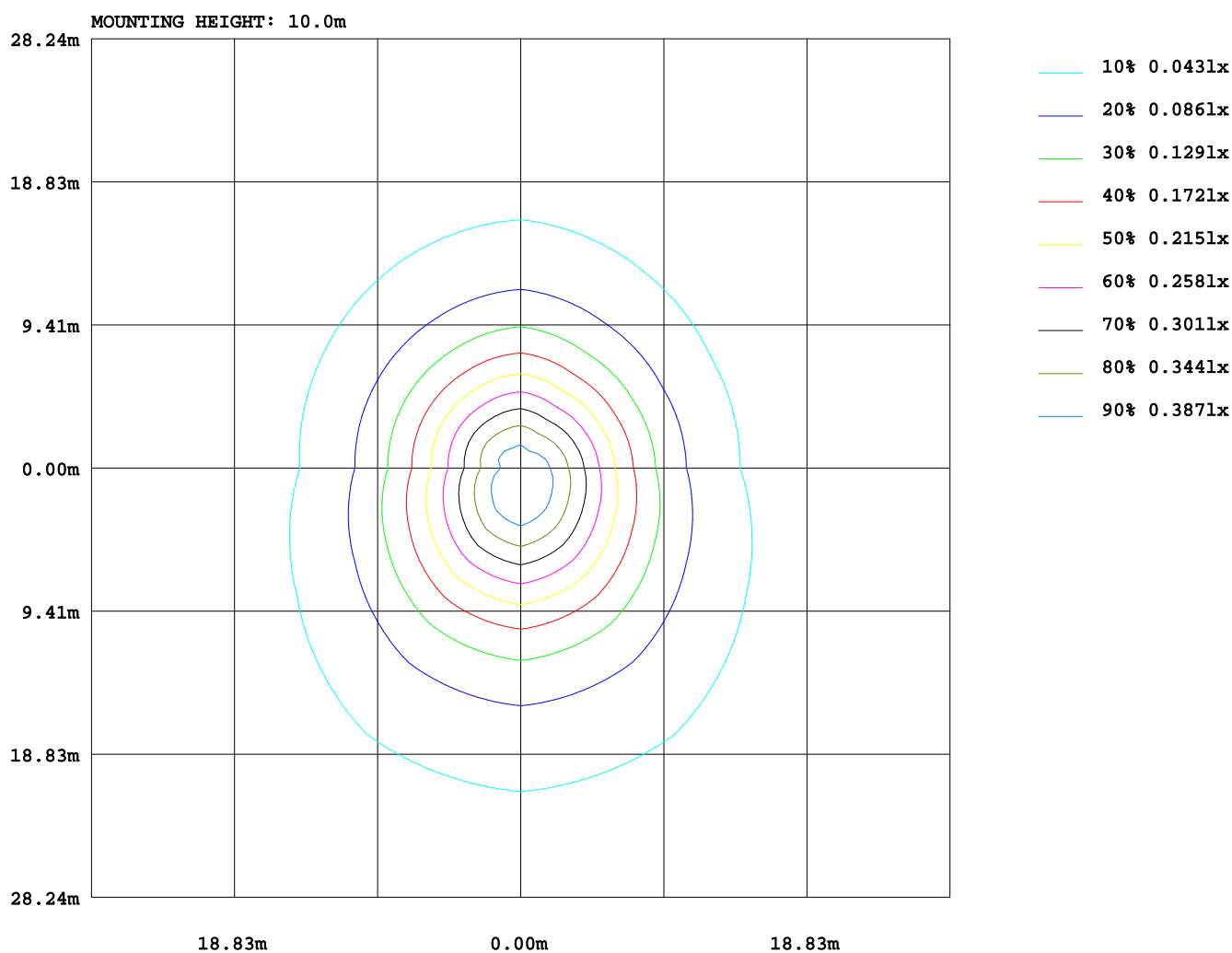
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-27-2025

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	0.07	0.16	0.28	0.41	0.56	0.68	0.76	0.82	0.81	0.73	0.64	0.52	0.37	0.24	0.14	0.06	0.01	7.26	6.82		
80	0.01	0.07	0.17	0.30	0.44	0.58	0.71	0.79	0.84	0.83	0.76	0.67	0.54	0.40	0.26	0.15	0.06	0.01	7.59	7.11		
70	0.01	0.08	0.18	0.32	0.46	0.61	0.73	0.82	0.87	0.86	0.79	0.69	0.56	0.42	0.28	0.16	0.07	0.01	7.91	7.40		
60	0.01	0.08	0.19	0.34	0.49	0.64	0.76	0.85	0.91	0.90	0.82	0.72	0.59	0.44	0.30	0.17	0.08	0.01	8.32	7.76		
50	0.02	0.08	0.21	0.36	0.52	0.68	0.80	0.90	0.96	0.96	0.87	0.76	0.63	0.48	0.32	0.19	0.08	0.01	8.82	8.23		
40	0.02	0.09	0.22	0.38	0.56	0.72	0.85	0.95	1.02	1.01	0.92	0.81	0.68	0.51	0.35	0.20	0.08	0.02	9.39	8.77		
30	0.02	0.09	0.22	0.40	0.59	0.76	0.90	1.01	1.08	1.07	0.99	0.88	0.73	0.56	0.38	0.21	0.09	0.02	9.99	9.35		
20	0.01	0.09	0.23	0.41	0.61	0.79	0.95	1.07	1.15	1.14	1.06	0.95	0.78	0.59	0.40	0.22	0.09	0.02	10.5	9.92		
10	0.01	0.09	0.23	0.42	0.62	0.80	0.97	1.12	1.21	1.21	1.14	1.01	0.83	0.62	0.41	0.22	0.09	0.01	11.0	10.3		
0	0.01	0.09	0.24	0.44	0.65	0.84	1.01	1.17	1.28	1.29	1.20	1.06	0.87	0.65	0.43	0.23	0.09	0.02	11.6	10.9		
-10	0.02	0.10	0.26	0.47	0.70	0.90	1.09	1.26	1.36	1.36	1.26	1.11	0.92	0.69	0.46	0.26	0.10	0.02	12.3	11.6		
-20	0.02	0.11	0.27	0.49	0.73	0.96	1.16	1.34	1.44	1.43	1.33	1.16	0.95	0.72	0.49	0.28	0.11	0.02	13.0	12.2		
-30	0.02	0.11	0.28	0.50	0.75	1.00	1.23	1.40	1.50	1.50	1.39	1.22	1.00	0.75	0.51	0.29	0.12	0.02	13.5	12.7		
-40	0.02	0.11	0.28	0.50	0.77	1.04	1.29	1.45	1.56	1.56	1.45	1.28	1.03	0.77	0.52	0.30	0.12	0.02	14.1	13.2		
-50	0.02	0.11	0.28	0.51	0.78	1.07	1.34	1.50	1.61	1.61	1.50	1.34	1.08	0.80	0.53	0.30	0.12	0.02	14.5	13.7		
-60	0.02	0.11	0.28	0.51	0.80	1.10	1.37	1.54	1.65	1.65	1.54	1.38	1.12	0.82	0.54	0.30	0.12	0.02	14.9	14.0		
-70	0.02	0.11	0.27	0.50	0.80	1.12	1.39	1.55	1.66	1.67	1.56	1.41	1.15	0.83	0.54	0.29	0.12	0.02	15.0	14.2		
-80	0.02	0.10	0.26	0.48	0.78	1.11	1.37	1.52	1.62	1.63	1.53	1.39	1.14	0.81	0.51	0.28	0.11	0.02	14.7	13.9		
-90	0.02	0.10	0.26	0.48	0.78	1.11	1.37	1.52	1.62	1.63	1.53	1.39	1.14	0.81	0.51	0.28	0.11	0.02	14.7	13.9		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL( DEG)				20	30	40	50	60	70	80	90		
Φ t	0.29	1.68	4.22	7.59	11.4	15.2	18.6	21.0	22.6	22.5	20.9	18.5	15.1	11.2	7.46	4.18	1.70	0.30	252			
Φ a	0.00	0.00	0.00	7.59	11.4	15.2	18.6	21.0	22.6	22.5	20.9	18.5	15.1	11.2	7.46	0.00	0.00	0.00				115

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

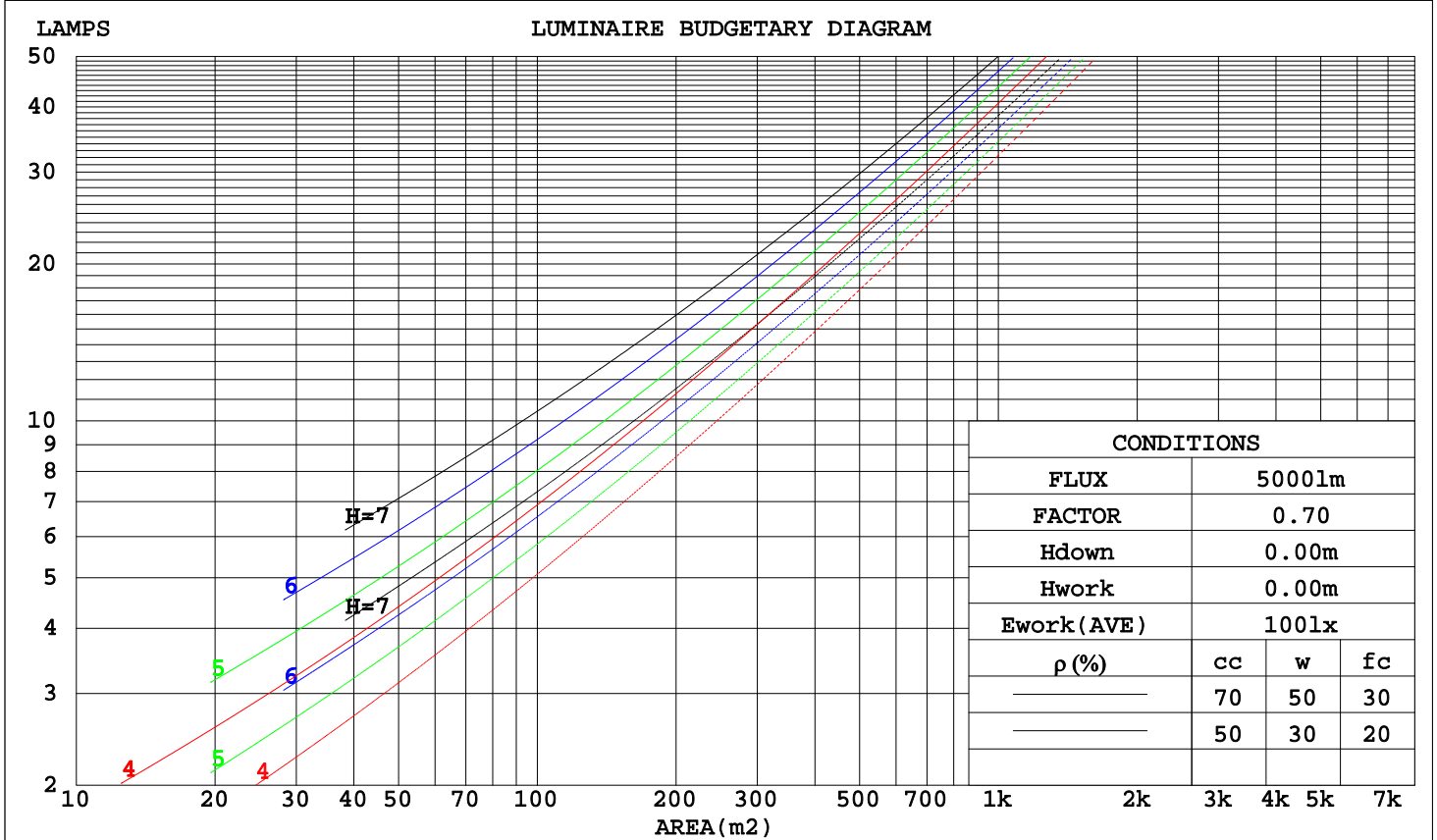
Test Set: 7.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.100 m  
 Remarks:

## 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	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.85	.85	.85	.81
1.0	.93	.86	.81	.88	.83	.78	.80	.76	.72	.73	.70	.66	.67	.64	.61	.57
2.0	.78	.69	.62	.74	.66	.60	.68	.61	.56	.61	.56	.51	.56	.51	.48	.44
3.0	.67	.57	.49	.64	.55	.48	.58	.51	.45	.53	.47	.41	.48	.43	.38	.35
4.0	.58	.48	.41	.56	.47	.39	.51	.43	.37	.46	.40	.34	.42	.36	.32	.29
5.0	.52	.42	.34	.49	.40	.33	.45	.37	.31	.41	.34	.29	.37	.32	.27	.24
6.0	.46	.36	.29	.44	.35	.28	.40	.32	.27	.37	.30	.25	.33	.28	.23	.21
7.0	.41	.32	.25	.40	.31	.25	.36	.29	.23	.33	.27	.22	.30	.25	.20	.18
8.0	.38	.29	.22	.36	.28	.22	.33	.26	.20	.30	.24	.19	.28	.22	.18	.16
9.0	.34	.26	.20	.33	.25	.19	.30	.23	.18	.28	.22	.17	.26	.20	.16	.14
10.0	.31	.23	.18	.30	.22	.17	.28	.21	.16	.26	.20	.15	.24	.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.:			

$\rho_{cc}$	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.442	.251	.080	.429	.245	.078	.404	.232	.074	.382	.220	.071	.361	.209	.067	
2.0	.368	.202	.062	.356	.196	.060	.334	.186	.058	.314	.176	.055	.295	.167	.053	
3.0	.320	.170	.051	.310	.166	.050	.289	.157	.048	.271	.148	.046	.254	.140	.043	
4.0	.284	.148	.043	.274	.144	.042	.256	.136	.041	.239	.129	.039	.224	.122	.037	
5.0	.256	.130	.038	.247	.127	.037	.230	.120	.035	.215	.113	.034	.201	.107	.032	
6.0	.232	.117	.033	.224	.113	.033	.209	.107	.031	.195	.102	.030	.182	.096	.028	
7.0	.213	.105	.030	.206	.103	.029	.192	.097	.028	.179	.092	.027	.167	.087	.026	
8.0	.197	.096	.027	.190	.094	.026	.177	.089	.025	.166	.084	.024	.154	.079	.023	
9.0	.183	.088	.025	.176	.086	.024	.165	.082	.023	.154	.077	.022	.144	.073	.021	
10.0	.170	.082	.023	.165	.080	.022	.154	.075	.021	.144	.071	.020	.134	.068	.019	

$\rho_{cc}$	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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.332	.332	.332	.284	.284	.284	.194	.194	.194	.111	.111	.111	.036	.036	.036	
1.0	.333	.298	.267	.285	.256	.230	.195	.176	.159	.112	.102	.092	.036	.033	.030	
2.0	.326	.276	.233	.280	.237	.201	.192	.164	.140	.110	.095	.082	.035	.031	.027	
3.0	.319	.259	.212	.273	.224	.184	.188	.155	.129	.108	.091	.076	.035	.029	.025	
4.0	.311	.247	.199	.267	.214	.172	.183	.149	.121	.106	.087	.072	.034	.028	.024	
5.0	.303	.238	.189	.260	.206	.165	.179	.144	.116	.104	.084	.069	.033	.028	.023	
6.0	.295	.230	.183	.254	.199	.159	.175	.139	.113	.101	.082	.067	.033	.027	.022	
7.0	.288	.223	.178	.247	.193	.155	.171	.136	.110	.099	.080	.065	.032	.026	.022	
8.0	.281	.218	.174	.241	.189	.152	.167	.133	.108	.097	.078	.064	.031	.026	.021	
9.0	.274	.213	.171	.236	.185	.150	.164	.130	.106	.095	.077	.063	.031	.025	.021	
10.0	.268	.209	.169	.231	.181	.148	.160	.127	.105	.093	.075	.063	.030	.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		9.1	10.6	9.6	11.1	11.7	12.9	14.4	13.5	14.9	15.5
	3H	11.0	12.3	11.6	12.9	13.5	16.4	17.7	17.0	18.3	18.9
	4H	11.8	13.1	12.4	13.7	14.4	18.3	19.6	18.9	20.2	20.8
	6H	12.6	13.8	13.2	14.4	15.1	20.5	21.7	21.1	22.3	23.0
	8H	12.9	14.0	13.5	14.6	15.3	21.7	22.8	22.3	23.4	24.1
	12H	13.1	14.3	13.7	14.9	15.6	23.0	24.1	23.6	24.8	25.5
	4H 2H	11.1	12.3	11.6	12.9	13.6	13.6	14.9	14.1	15.4	16.1
	3H	13.2	14.4	13.8	15.0	15.7	17.3	18.4	17.9	19.1	19.8
	4H	14.3	15.4	15.0	16.0	16.7	19.5	20.5	20.1	21.1	21.9
	6H	15.3	16.3	16.0	16.9	17.7	21.8	22.8	22.5	23.4	24.2
	8H	15.7	16.6	16.4	17.3	18.1	23.1	24.0	23.8	24.7	25.5
	12H	16.1	16.9	16.8	17.6	18.4	24.6	25.4	25.3	26.1	26.9
	8H 4H	16.2	17.1	16.9	17.8	18.5	19.9	20.8	20.6	21.5	22.2
	6H	17.6	18.4	18.3	19.1	19.9	22.6	23.4	23.3	24.1	24.9
	8H	18.3	19.0	19.0	19.7	20.6	24.1	24.8	24.9	25.5	26.4
	12H	19.0	19.6	19.8	20.4	21.2	26.0	26.6	26.7	27.3	28.2
	12H 4H	16.9	17.7	17.6	18.4	19.2	19.9	20.8	20.6	21.4	22.2
	6H	18.6	19.3	19.3	20.0	20.9	22.8	23.4	23.5	24.2	25.0
	8H	19.5	20.1	20.2	20.9	21.7	24.4	25.0	25.2	25.8	26.6
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 251.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.8)

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	24	41	30	23	16
0.80	53	39	31	52	39	30	49	37	30	22
1.00	61	47	38	59	46	37	55	46	36	27
1.25	67	54	44	65	52	44	61	50	42	32
1.50	73	59	50	70	58	49	65	55	47	36
2.00	80	68	58	77	66	57	71	62	54	42
2.50	85	73	64	81	71	63	75	66	59	46
3.00	89	78	70	85	76	68	78	71	64	50
4.00	94	85	77	90	82	75	83	76	70	55
5.00	97	89	82	93	86	80	85	80	74	59
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

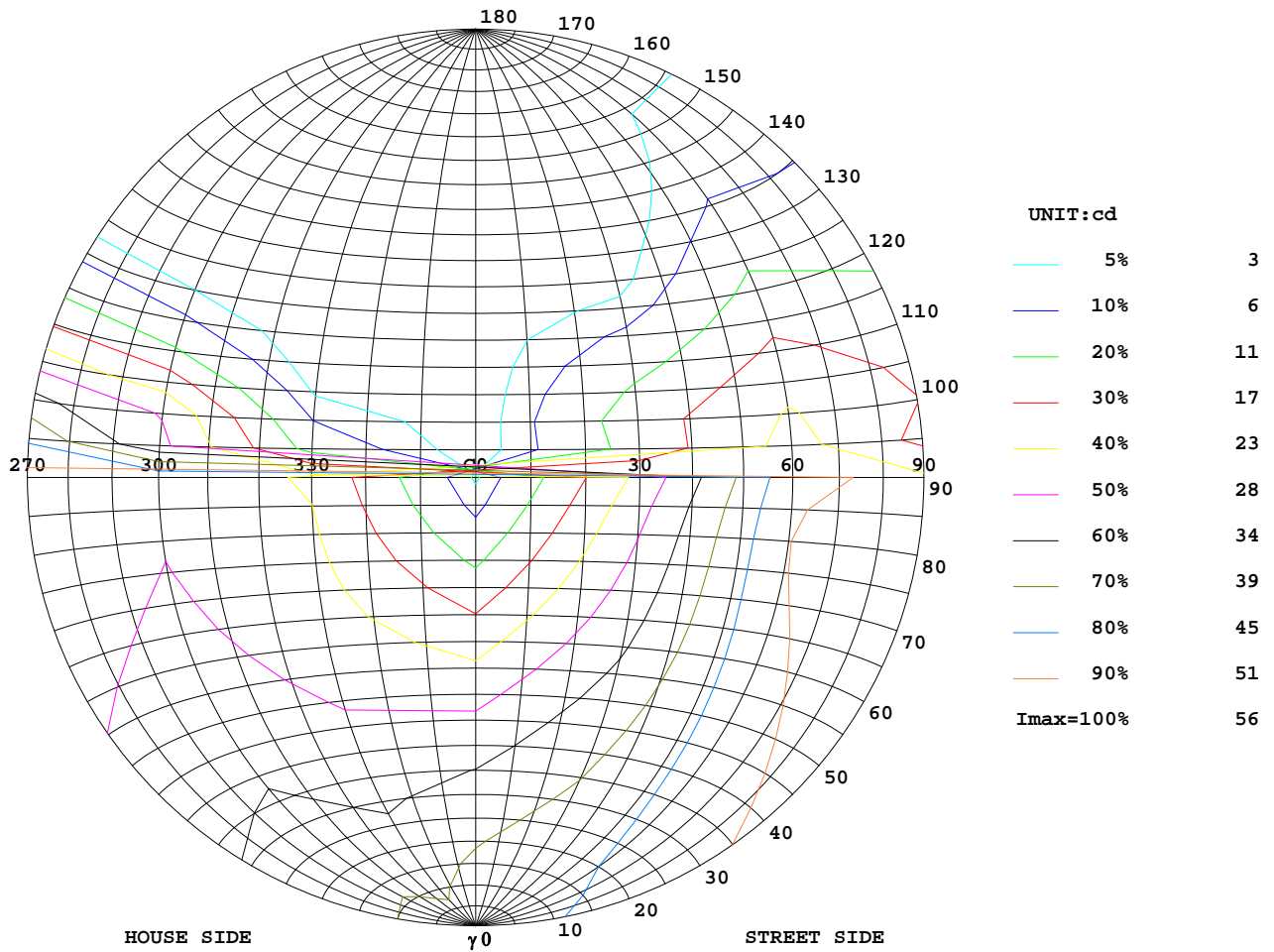
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-27-2025

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

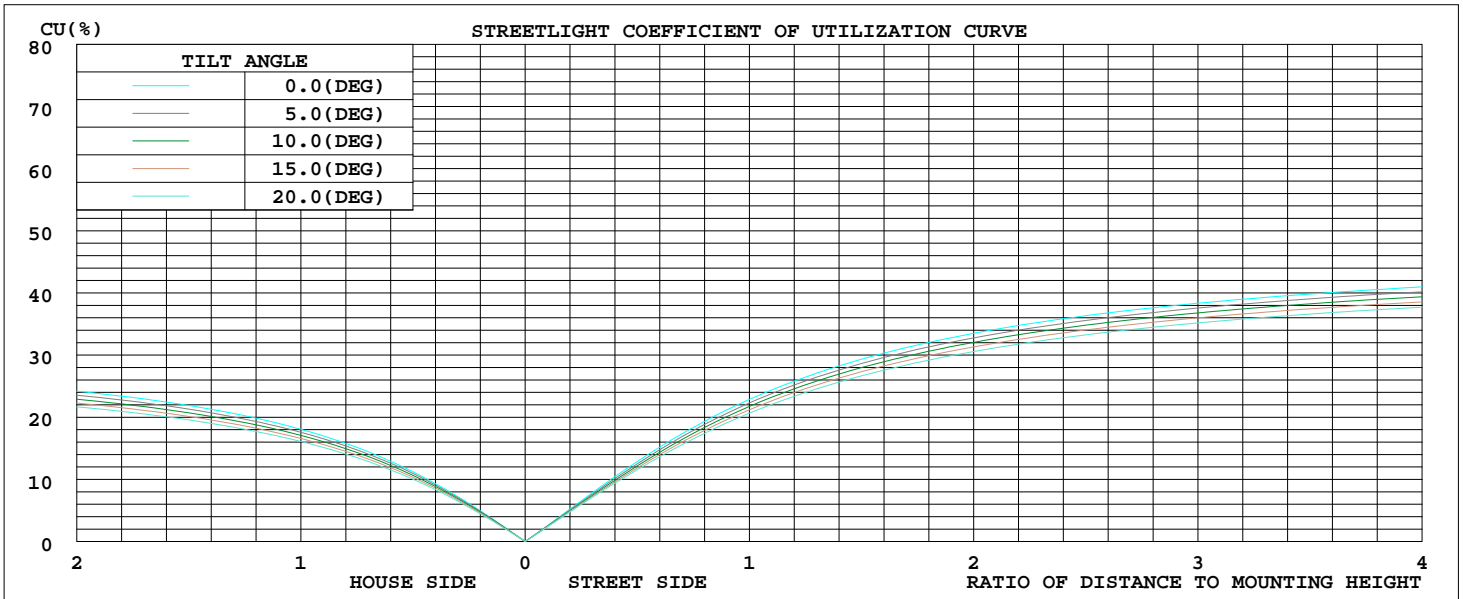
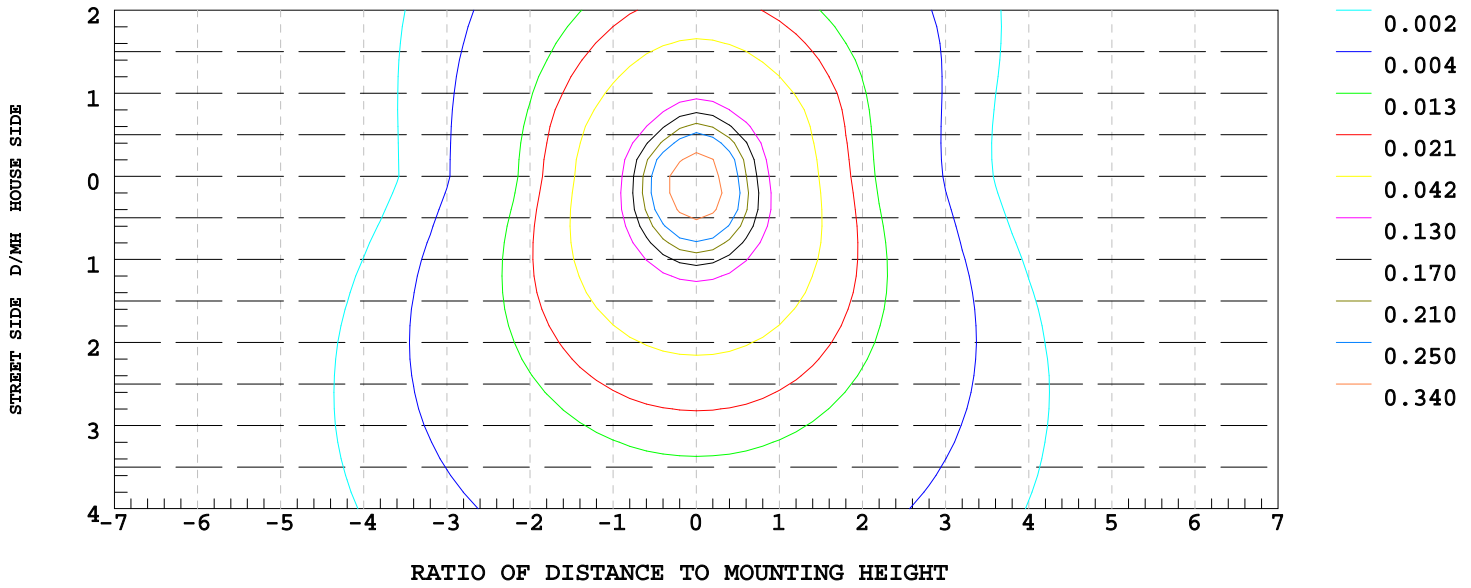
Test Set: 7.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 6.100 m  
 Remarks:

# ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.41 lx



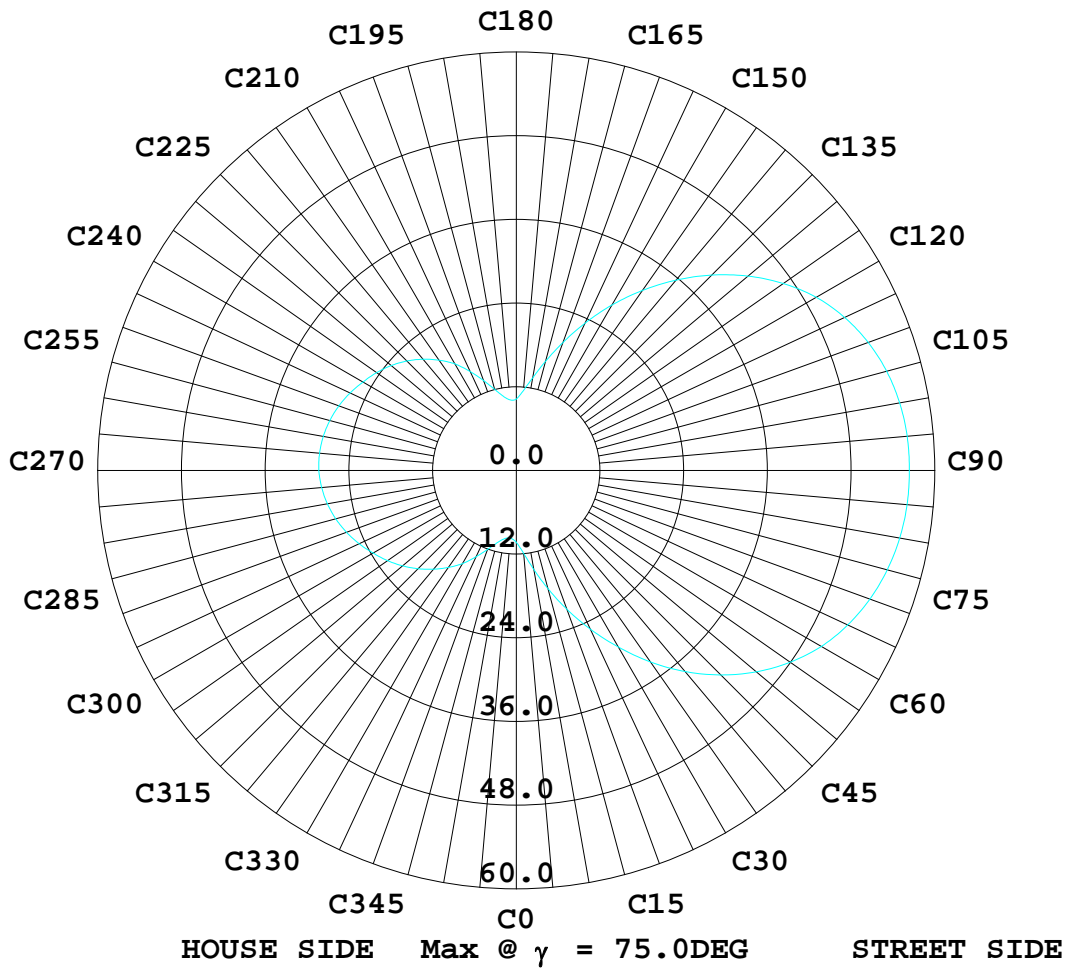
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-27-2025

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:

<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	41.1	42.0	41.5	42.1	41.1	41.7	41.1	42.0	41.5	42.1	41.1	41.7
5.0	41.6	42.3	42.5	43.4	42.3	42.0	40.2	41.3	40.5	40.9	40.0	41.0
10.0	41.0	42.3	43.4	44.6	43.4	41.8	39.1	40.1	39.4	39.7	38.7	40.0
15.0	40.2	42.1	44.3	45.9	44.4	41.4	37.9	38.7	38.2	38.6	37.3	38.8
20.0	39.0	41.6	45.0	47.2	45.2	40.9	36.6	37.2	36.9	37.5	35.9	37.3
25.0	37.6	41.0	45.6	48.4	45.9	40.3	35.2	35.7	35.5	36.4	34.5	35.6
30.0	35.8	40.2	46.1	49.6	46.4	39.7	33.7	34.1	34.1	35.3	33.0	33.8
35.0	33.8	39.3	46.6	50.7	46.9	39.1	32.1	32.4	32.8	34.3	31.6	32.0
40.0	31.5	38.3	47.0	51.8	47.4	38.3	30.5	30.9	31.5	33.3	30.2	30.0
45.0	29.1	37.2	47.5	52.8	47.8	37.4	28.8	29.3	30.3	32.3	28.9	27.9
50.0	26.3	35.9	48.0	53.8	48.2	36.0	26.7	27.6	29.2	31.4	27.7	25.7
55.0	23.4	34.5	48.5	54.6	48.7	34.4	23.8	25.7	28.2	30.6	26.6	23.5
60.0	20.3	33.1	49.0	55.3	49.1	32.6	20.6	23.6	27.3	29.9	25.7	21.3
65.0	17.0	31.8	49.6	55.8	49.4	30.8	17.2	21.4	26.6	29.3	24.8	19.1
70.0	13.6	30.5	50.1	56.2	49.6	29.0	13.7	19.4	25.9	28.8	24.2	17.2
75.0	10.3	29.2	50.4	56.3	49.6	27.3	10.2	17.6	25.3	28.3	23.7	15.4
80.0	7.18	27.9	50.6	56.0	49.4	25.7	6.88	16.0	24.7	27.9	23.1	13.9
85.0	4.39	26.3	50.1	54.9	48.9	24.2	4.05	14.8	24.1	27.4	22.5	12.6
90.0	2.30	24.0	48.9	52.9	48.0	22.6	1.93	13.8	23.4	26.9	21.7	11.6
95.0	0.86	9.30	29.7	43.9	31.3	14.6	0.71	11.2	15.2	24.4	13.5	8.26
100.0	0.74	5.54	27.7	35.4	33.3	13.1	0.30	8.55	17.0	22.9	14.3	4.76
105.0	0.74	2.34	19.9	25.7	29.5	10.1	0.30	7.70	15.8	20.6	12.0	3.34
110.0	0.82	0.56	11.9	16.2	23.4	7.47	0.30	6.58	14.0	18.0	9.30	1.52
115.0	0.93	0.26	6.25	9.37	17.0	6.13	0.30	5.43	12.2	15.4	6.51	0.86
120.0	1.04	0.22	2.82	4.39	12.0	5.06	0.30	4.57	10.2	12.8	3.60	0.74
125.0	1.15	0.19	1.48	1.15	8.78	4.24	0.30	4.09	8.29	10.4	1.71	0.63
130.0	1.26	0.22	1.11	0.26	6.58	3.49	0.30	3.75	6.73	8.00	1.00	0.60
135.0	1.37	0.22	0.97	0.22	4.72	2.86	0.30	3.46	5.54	5.91	0.60	0.56
140.0	1.48	0.22	0.86	0.22	3.20	2.34	0.33	3.08	4.68	4.65	0.37	0.52
145.0	1.60	0.22	0.78	0.22	1.89	1.82	0.33	2.45	3.98	3.75	0.26	0.48
150.0	1.67	0.22	0.71	0.22	1.07	1.37	0.33	1.71	3.42	3.16	0.26	0.45
155.0	1.78	0.30	0.67	0.22	0.78	0.97	0.33	0.97	2.67	2.67	0.26	0.45
160.0	1.86	0.45	0.60	0.22	0.71	0.60	0.37	0.82	1.60	2.26	0.26	0.41
165.0	1.93	0.67	0.56	0.22	0.67	0.33	0.37	0.89	0.45	1.89	0.26	0.41
170.0	1.97	0.93	0.71	0.26	0.63	0.26	0.41	1.07	0.26	1.60	0.26	0.37
175.0	1.89	1.26	0.67	0.26	0.60	0.26	0.86	1.41	0.26	1.30	0.26	0.37
180.0	1.74	1.52	0.48	0.30	0.52	0.30	1.60	1.71	0.30	0.52	0.30	0.33

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

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