

# LUMINAIRE PHOTOMETRIC TEST REPORT

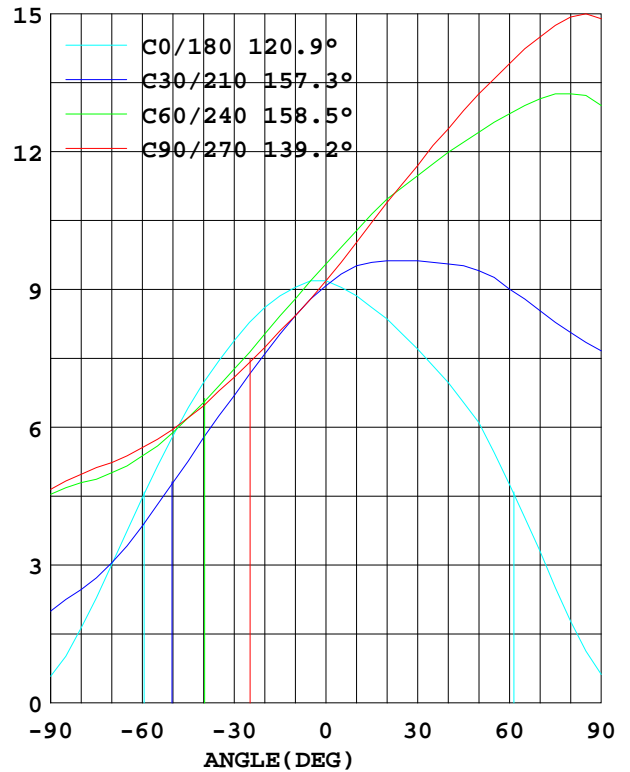
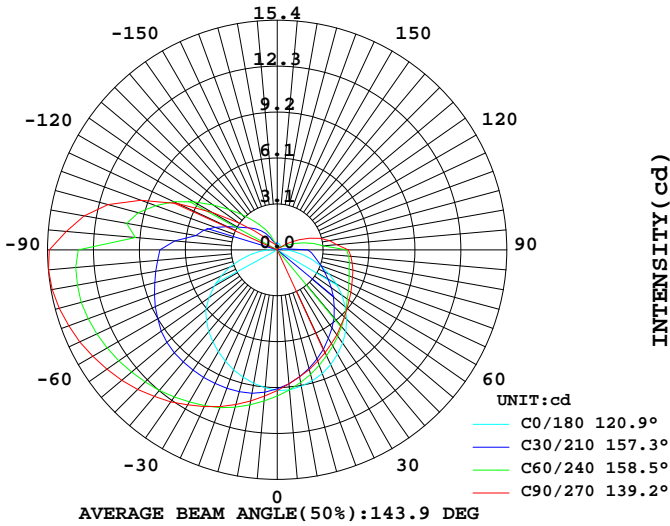
Report number:

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

DATA OF LAMP		I <sub>max</sub> (cd)	15.36	S/MH(C0/180)	1.28
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.16
NOMINAL POWER(W)	5	TOTAL FLUX(lm)	62.795	Voltage(V)	24.01
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	11.6	Current(A)	0.224
NOMINAL FLUX(lm)	62.8	η up(%)	22.5	Power(W)	5.400
LAMPS QUANTITY	1	η down(%)	77.5	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	26.9	EET	0.919

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



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

Test Set: 7.0 deg/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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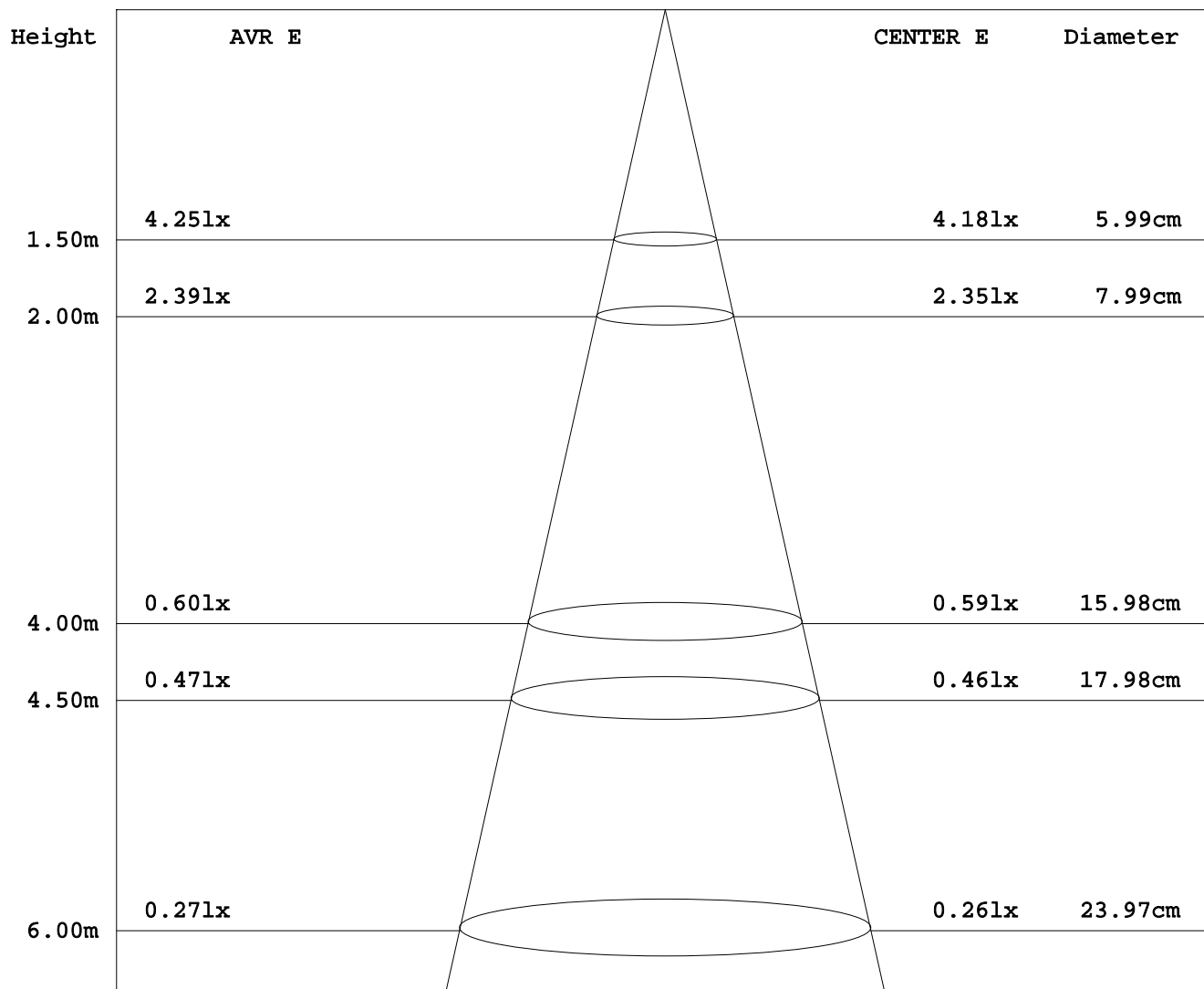
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-27-2025

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: 2.3deg

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	9.265	8.818	8.632	9.135	9.079	10.13	10.26	10.13	0- 10	0.909	0.909
20.0	8.818	8.000	7.925	8.409	8.558	10.54	11.16	10.38	10- 20	2.655	3.564
30.0	8.074	7.144	7.255	7.590	7.888	10.80	11.98	10.49	20- 30	4.210	7.774
40.0	7.144	6.307	6.623	6.772	7.144	11.03	12.80	10.53	30- 40	5.504	13.27
50.0	5.953	5.469	6.102	5.916	6.251	11.18	13.58	10.47	40- 50	6.485	19.76
60.0	4.576	4.725	5.693	5.079	4.874	11.18	14.25	10.36	50- 60	7.101	26.86
70.0	3.088	4.130	5.358	4.316	3.386	11.10	14.84	10.21	60- 70	7.367	34.23
80.0	1.674	3.721	5.097	3.739	1.823	10.92	15.29	9.953	70- 80	7.345	41.57
90.0	0.595	3.348	4.762	3.330	0.633	10.58	15.25	9.432	80- 90	7.061	48.64
100.0	0.335	1.488	3.572	2.195	0.149	7.888	13.13	6.028	90-100	5.455	54.09
110.0	0.298	0.688	2.307	1.767	0.112	6.548	9.711	2.846	100-110	3.928	58.02
120.0	0.298	0.279	1.041	1.320	0.112	4.744	5.023	0.912	110-120	2.344	60.36
130.0	0.335	0.167	0.298	0.949	0.112	3.237	1.972	0.298	120-130	1.200	61.57
140.0	0.372	0.167	0.149	0.670	0.112	2.158	0.744	0.186	130-140	0.629	62.19
150.0	0.372	0.149	0.074	0.502	0.112	1.265	0.521	0.149	140-150	0.337	62.53
160.0	0.409	0.130	0.037	0.391	0.112	0.577	0.409	0.130	150-160	0.167	62.70
170.0	0.447	0.149	0.074	0.298	0.112	0.242	0.335	0.130	160-170	0.070	62.77
180.0	0.372	0.242	0.074	0.186	0.298	0.279	0.260	0.260	170-180	0.021	62.79
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:

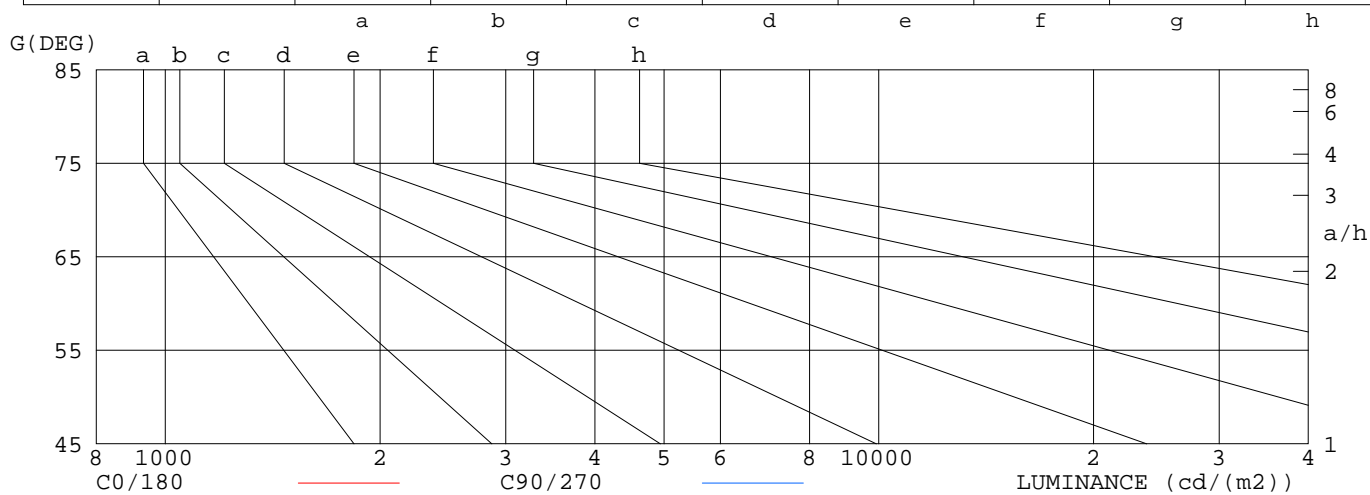
## LUMINANCE LIMITATION CURVES

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	568
80	96	294
75	91	203
70	90	157
65	91	130
60	92	114
55	92	103
50	93	95
45	93	90

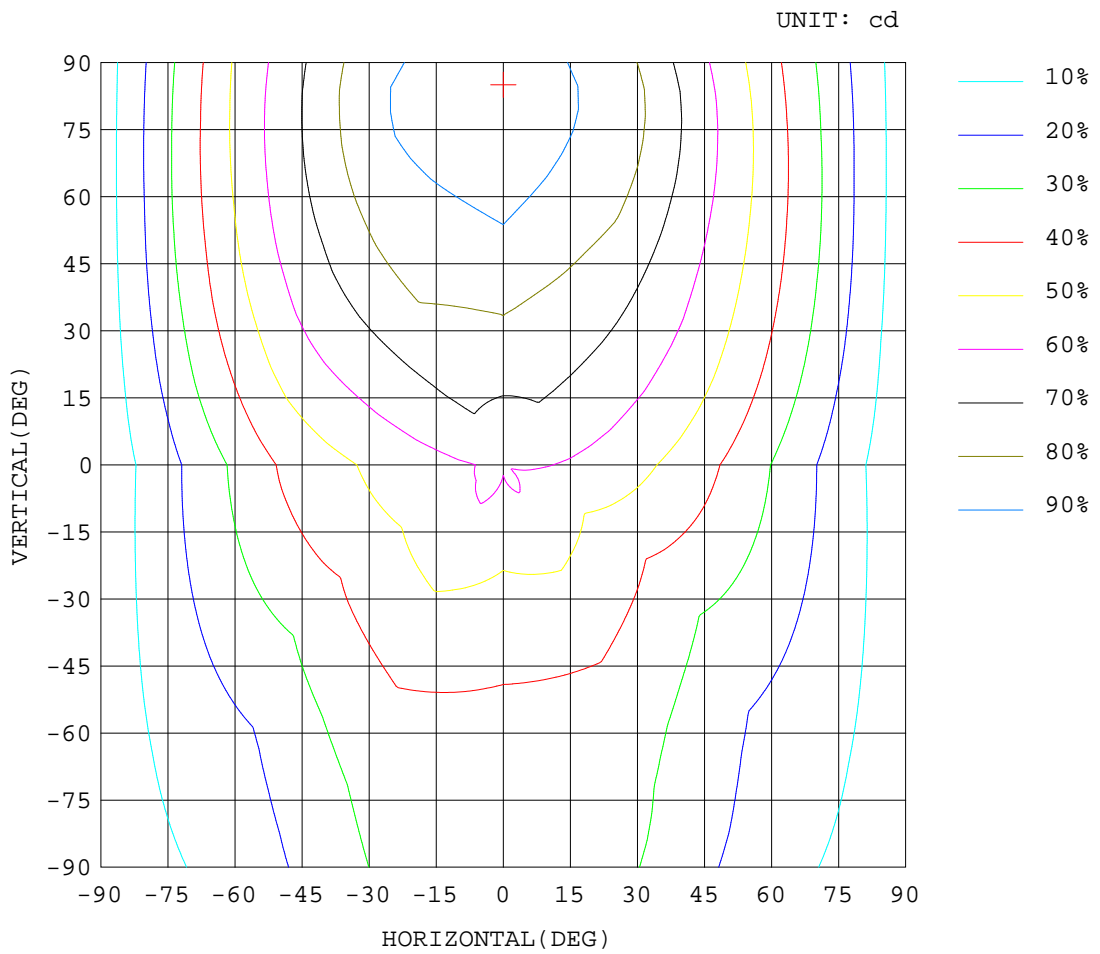
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 06-27-2025

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.:



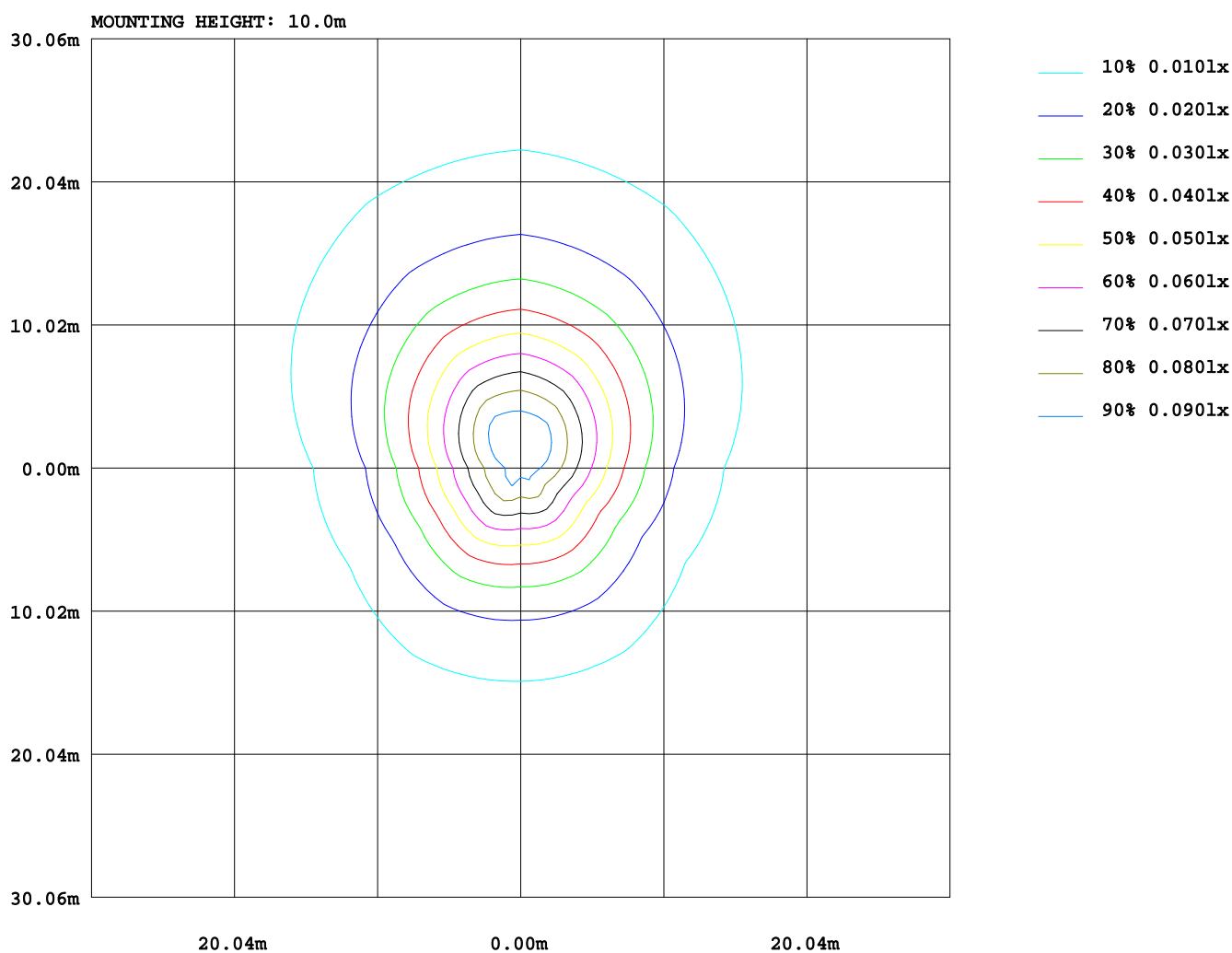
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-27-2025

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	0.01	0.04	0.09	0.16	0.23	0.31	0.38	0.42	0.46	0.45	0.41	0.36	0.29	0.21	0.13	0.07	0.03	0.01	4.04	3.80
80	0.01	0.04	0.09	0.16	0.23	0.31	0.38	0.42	0.45	0.44	0.41	0.36	0.29	0.21	0.14	0.08	0.03	0.01	4.04	3.80
70	0.01	0.04	0.09	0.15	0.23	0.31	0.37	0.41	0.43	0.43	0.40	0.35	0.28	0.21	0.14	0.08	0.03	0.01	3.95	3.71
60	0.01	0.04	0.09	0.15	0.22	0.29	0.36	0.39	0.42	0.41	0.38	0.34	0.27	0.20	0.13	0.08	0.03	0.01	3.81	3.57
50	0.01	0.03	0.08	0.15	0.21	0.28	0.34	0.38	0.40	0.39	0.36	0.32	0.26	0.20	0.13	0.07	0.03	0.01	3.64	3.41
40	0.01	0.03	0.08	0.14	0.20	0.26	0.32	0.36	0.37	0.37	0.35	0.30	0.25	0.19	0.13	0.07	0.03	0.00	3.45	3.23
30	0.01	0.03	0.07	0.13	0.19	0.25	0.30	0.34	0.35	0.35	0.33	0.29	0.23	0.18	0.12	0.07	0.03	0.00	3.24	3.03
	0.00	0.03	0.07	0.12	0.17	0.22	0.27	0.31	0.33	0.33	0.30	0.27	0.22	0.17	0.11	0.06	0.02	0.00	3.00	2.81
	0.00	0.02	0.06	0.11	0.15	0.20	0.24	0.28	0.30	0.30	0.28	0.25	0.20	0.15	0.10	0.05	0.02	0.00	2.71	2.55
	0.00	0.02	0.05	0.10	0.14	0.18	0.22	0.25	0.28	0.27	0.25	0.22	0.18	0.14	0.09	0.05	0.02	0.00	2.47	2.32
	0.00	0.02	0.05	0.09	0.13	0.17	0.21	0.24	0.26	0.25	0.23	0.20	0.16	0.12	0.08	0.05	0.02	0.00	2.30	2.15
-30	0.00	0.02	0.05	0.08	0.12	0.16	0.20	0.23	0.24	0.23	0.22	0.18	0.14	0.11	0.08	0.04	0.02	0.00	2.12	1.98
-40	0.00	0.02	0.04	0.07	0.11	0.15	0.19	0.21	0.21	0.21	0.20	0.17	0.14	0.10	0.07	0.04	0.02	0.00	1.95	1.82
-50	0.00	0.02	0.04	0.07	0.10	0.14	0.17	0.19	0.20	0.19	0.18	0.16	0.13	0.09	0.06	0.04	0.02	0.00	1.79	1.67
-60	0.00	0.02	0.04	0.06	0.09	0.13	0.16	0.17	0.18	0.18	0.17	0.15	0.12	0.09	0.06	0.03	0.02	0.00	1.65	1.55
-70	0.00	0.01	0.03	0.05	0.09	0.12	0.15	0.16	0.17	0.17	0.16	0.14	0.12	0.08	0.05	0.03	0.01	0.00	1.54	1.45
-80	0.00	0.01	0.03	0.05	0.08	0.11	0.14	0.15	0.16	0.16	0.15	0.14	0.11	0.08	0.05	0.03	0.01	0.00	1.46	1.37
-90	0.00	0.01	0.02	0.05	0.07	0.11	0.13	0.14	0.15	0.15	0.14	0.13	0.11	0.08	0.05	0.02	0.01	0.00	1.38	1.30
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL( DEG )				20	30	40	50	60	70	80	90
Φ t	0.08	0.44	1.06	1.86	2.78	3.70	4.52	5.06	5.34	5.28	4.91	4.33	3.50	2.58	1.71	0.96	0.40	0.07	63	
Φ a	0.00	0.00	0.00	1.86	2.78	3.70	4.52	5.06	5.34	5.28	4.91	4.33	3.50	2.58	1.71	0.00	0.00	0.00		27

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

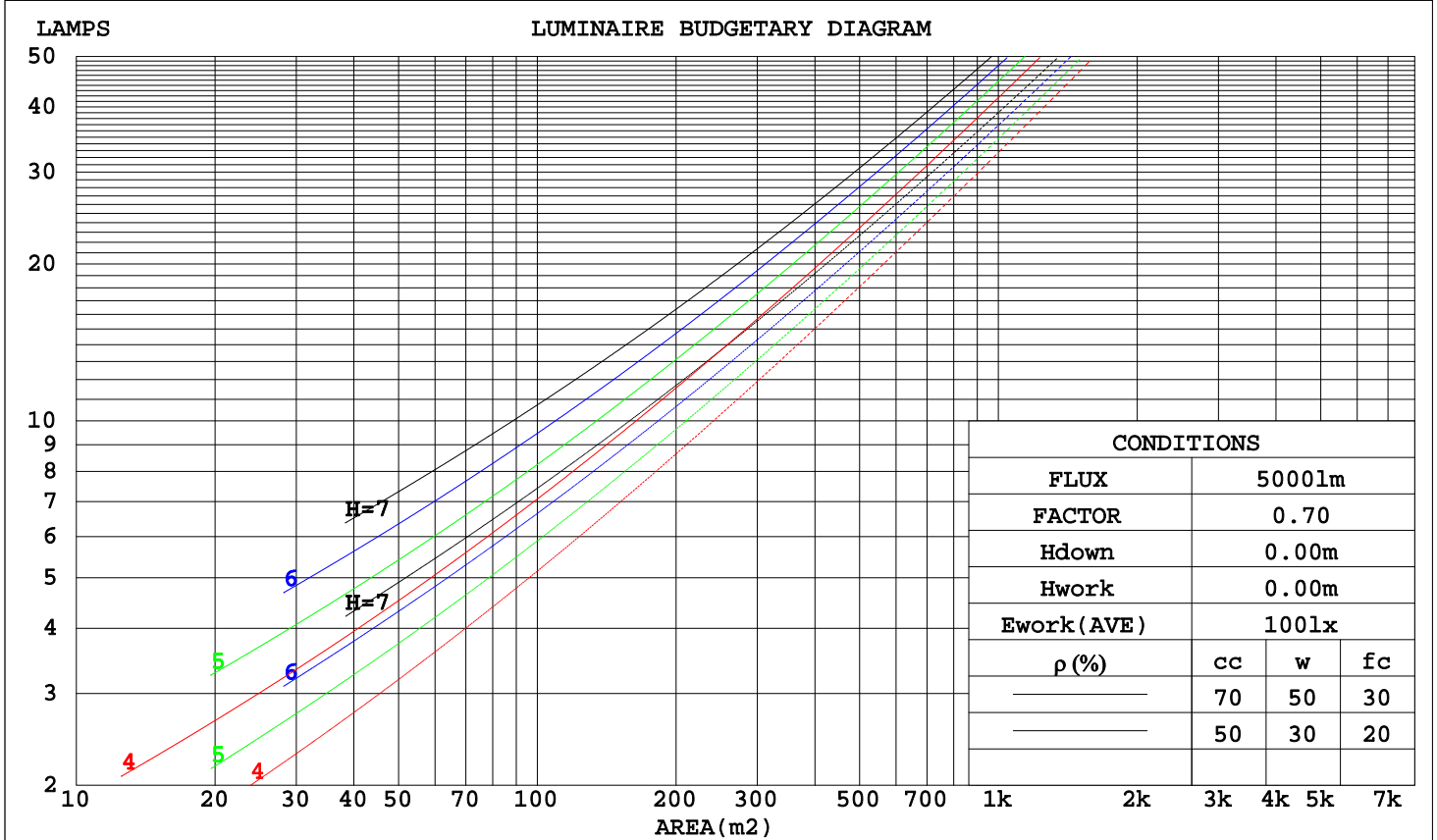
Test Set: 7.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.100 m  
 Remarks:

## 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	.77
1.0	.92	.86	.80	.87	.82	.77	.79	.74	.70	.71	.67	.64	.63	.61	.58	.54
2.0	.77	.69	.61	.73	.66	.59	.66	.60	.54	.59	.54	.49	.53	.49	.45	.41
3.0	.66	.57	.49	.63	.54	.47	.57	.49	.43	.51	.45	.40	.45	.40	.36	.33
4.0	.58	.48	.40	.55	.46	.39	.50	.42	.36	.44	.38	.33	.40	.34	.30	.27
5.0	.51	.41	.34	.49	.39	.33	.44	.36	.30	.39	.33	.28	.35	.30	.25	.23
6.0	.46	.36	.29	.43	.34	.28	.39	.32	.26	.35	.29	.24	.32	.26	.22	.19
7.0	.41	.32	.25	.39	.30	.24	.35	.28	.22	.32	.26	.21	.29	.23	.19	.17
8.0	.37	.28	.22	.35	.27	.21	.32	.25	.20	.29	.23	.18	.26	.21	.17	.15
9.0	.34	.25	.20	.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 <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	.439	.250	.079	.425	.242	.077	.398	.228	.073	.374	.215	.069	.351	.203	.066	
2.0	.365	.200	.061	.352	.194	.060	.328	.183	.057	.306	.172	.054	.285	.161	.051	
3.0	.318	.169	.051	.306	.164	.049	.284	.154	.047	.264	.145	.044	.245	.136	.042	
4.0	.282	.146	.043	.271	.142	.042	.251	.133	.040	.233	.125	.038	.216	.117	.036	
5.0	.254	.129	.037	.244	.125	.036	.226	.118	.035	.209	.110	.033	.193	.103	.031	
6.0	.231	.116	.033	.222	.112	.032	.205	.105	.031	.190	.099	.029	.175	.092	.027	
7.0	.212	.105	.030	.204	.101	.029	.188	.095	.027	.174	.089	.026	.161	.083	.025	
8.0	.195	.095	.027	.188	.093	.026	.174	.087	.025	.161	.081	.023	.148	.076	.022	
9.0	.181	.088	.024	.175	.085	.024	.162	.080	.023	.149	.075	.021	.138	.070	.020	
10.0	.169	.081	.023	.163	.079	.022	.151	.074	.021	.140	.069	.020	.129	.065	.019	

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	.310	.310	.310	.211	.211	.211	.121	.121	.121	.039	.039	.039	
1.0	.362	.328	.297	.310	.282	.256	.212	.194	.177	.122	.112	.103	.039	.036	.033	
2.0	.356	.306	.263	.305	.263	.228	.209	.182	.159	.121	.106	.093	.039	.034	.030	
3.0	.349	.290	.243	.299	.250	.211	.205	.174	.148	.119	.101	.087	.038	.033	.029	
4.0	.341	.278	.229	.293	.240	.199	.201	.167	.140	.116	.098	.083	.037	.032	.027	
5.0	.333	.268	.220	.286	.232	.192	.197	.162	.135	.114	.095	.080	.037	.031	.026	
6.0	.325	.260	.214	.280	.225	.186	.193	.158	.132	.112	.093	.078	.036	.030	.026	
7.0	.318	.254	.209	.273	.220	.182	.189	.154	.129	.110	.091	.077	.035	.030	.025	
8.0	.311	.248	.205	.268	.215	.179	.185	.151	.127	.108	.089	.076	.035	.029	.025	
9.0	.304	.244	.203	.262	.211	.177	.182	.149	.125	.106	.088	.075	.034	.029	.025	
10.0	.298	.239	.200	.257	.208	.175	.178	.146	.124	.104	.087	.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		0.9	2.3	1.5	2.9	3.6	2.4	3.8	3.0	4.4	5.1
	3H	2.8	4.1	3.4	4.7	5.4	5.3	6.6	5.9	7.2	7.9
	4H	3.7	4.9	4.3	5.6	6.3	7.0	8.3	7.6	8.9	9.6
	6H	4.5	5.7	5.1	6.3	7.1	8.9	10.1	9.6	10.7	11.5
	8H	4.8	5.9	5.5	6.6	7.4	10.0	11.1	10.6	11.8	12.5
	12H	5.1	6.2	5.8	6.9	7.7	11.2	12.3	11.9	13.0	13.8
	4H 2H	1.9	3.1	2.5	3.7	4.4	3.0	4.2	3.6	4.9	5.6
	3H	3.9	4.9	4.5	5.6	6.4	6.2	7.3	6.9	8.0	8.8
	4H	4.9	5.9	5.6	6.6	7.4	8.1	9.1	8.8	9.8	10.6
	6H	5.9	6.8	6.6	7.5	8.4	10.3	11.2	11.0	11.9	12.7
	8H	6.4	7.2	7.1	7.9	8.8	11.5	12.3	12.2	13.0	13.9
	12H	6.8	7.6	7.5	8.3	9.2	12.9	13.6	13.6	14.4	15.2
	8H 4H	6.0	6.8	6.7	7.5	8.4	8.5	9.4	9.3	10.1	11.0
	6H	7.3	8.0	8.0	8.7	9.6	11.0	11.8	11.8	12.5	13.4
	8H	7.9	8.6	8.7	9.3	10.2	12.5	13.1	13.2	13.9	14.8
	12H	8.6	9.2	9.4	10.0	10.9	14.2	14.8	15.0	15.5	16.5
	12H 4H	6.4	7.2	7.1	7.9	8.8	8.6	9.3	9.3	10.1	11.0
	6H	7.9	8.6	8.7	9.4	10.3	11.2	11.8	11.9	12.6	13.5
	8H	8.7	9.3	9.5	10.1	11.0	12.8	13.3	13.5	14.1	15.1
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		+ 0.1 / - 0.2					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 62.79 lm Total Lamp Luminous Flux. (8log(F/F0) = -9.6)

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	22	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	34	25	
1.25	66	52	43	64	51	42	59	48	40	30	
1.50	71	58	48	68	56	47	63	53	45	34	
2.00	79	66	57	76	64	55	69	60	52	40	
2.50	84	72	63	80	69	61	73	64	57	44	
3.00	88	77	68	84	74	66	76	69	62	47	
4.00	93	83	76	88	80	73	81	74	68	52	
5.00	96	88	81	92	84	78	83	77	72	56	
ROOM INDEX	UF(total)									Direct	
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25			

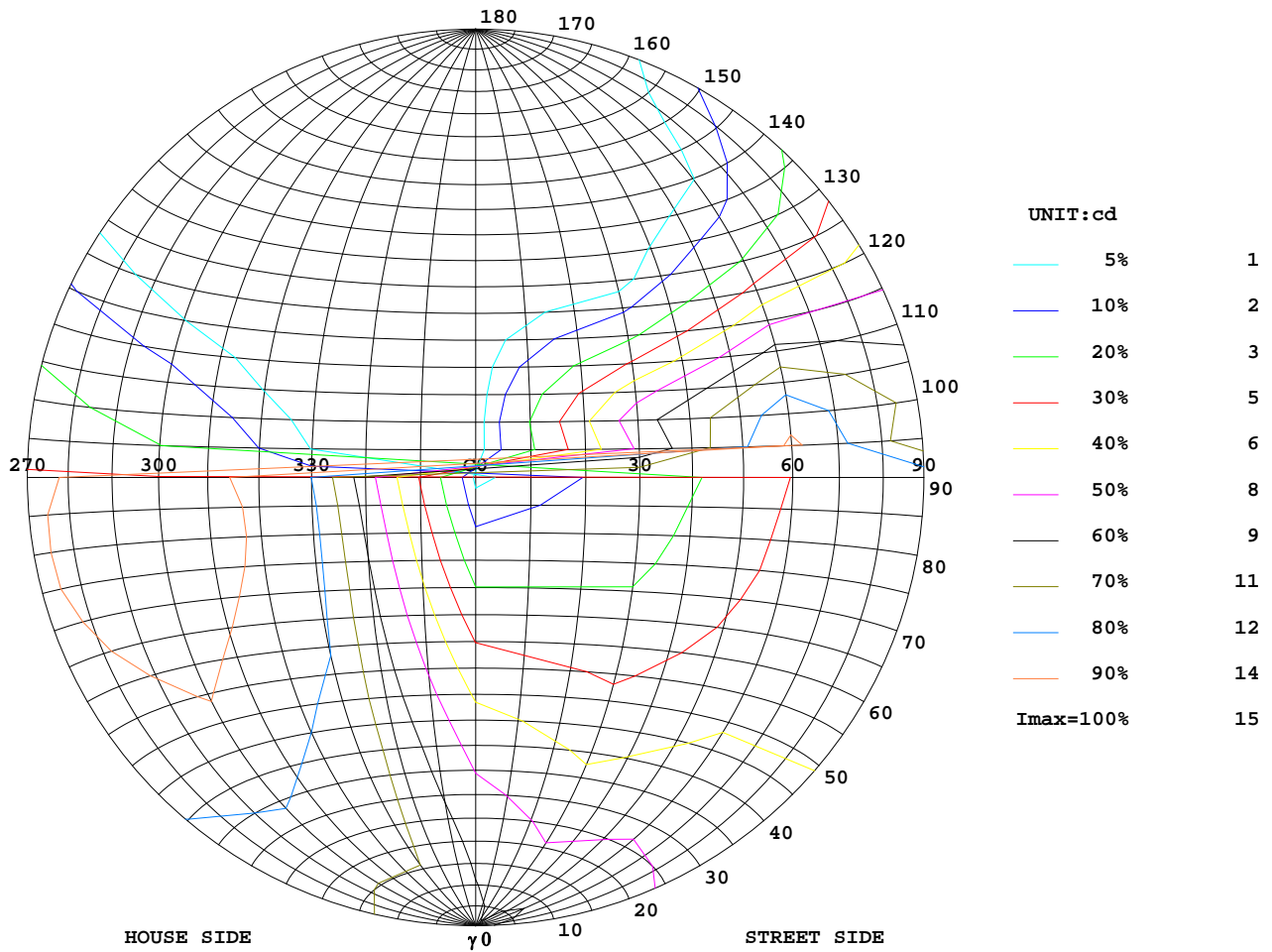
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-27-2025

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

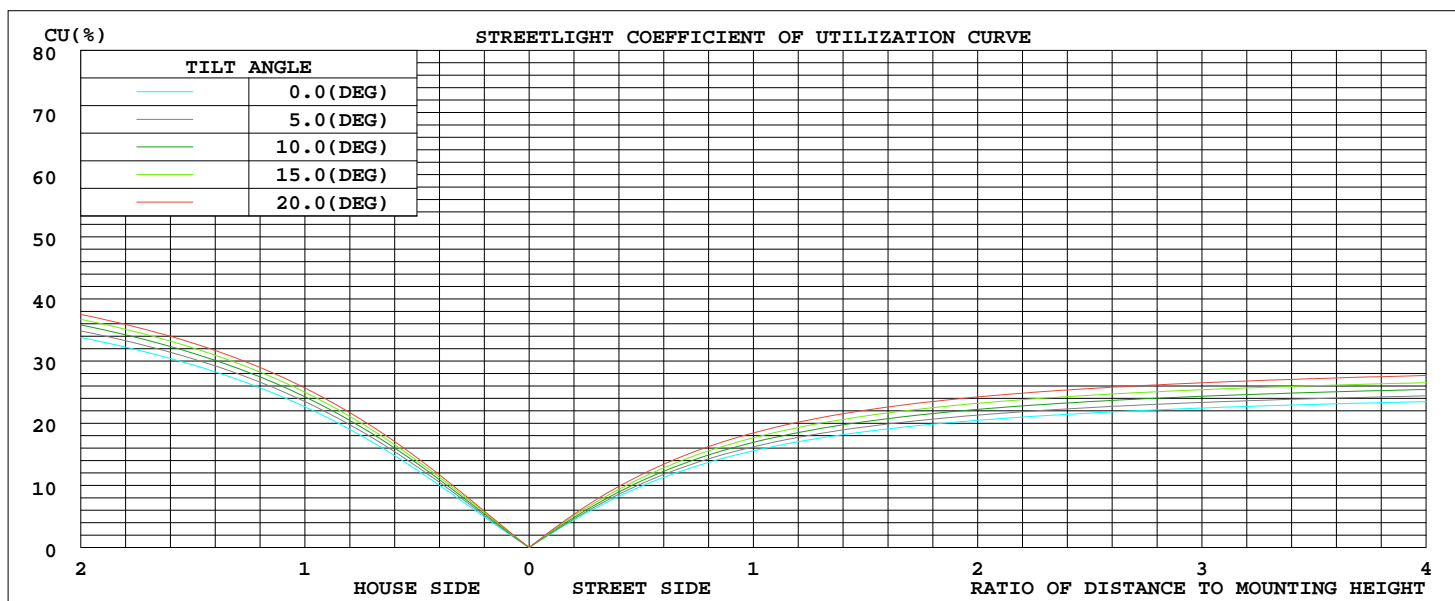
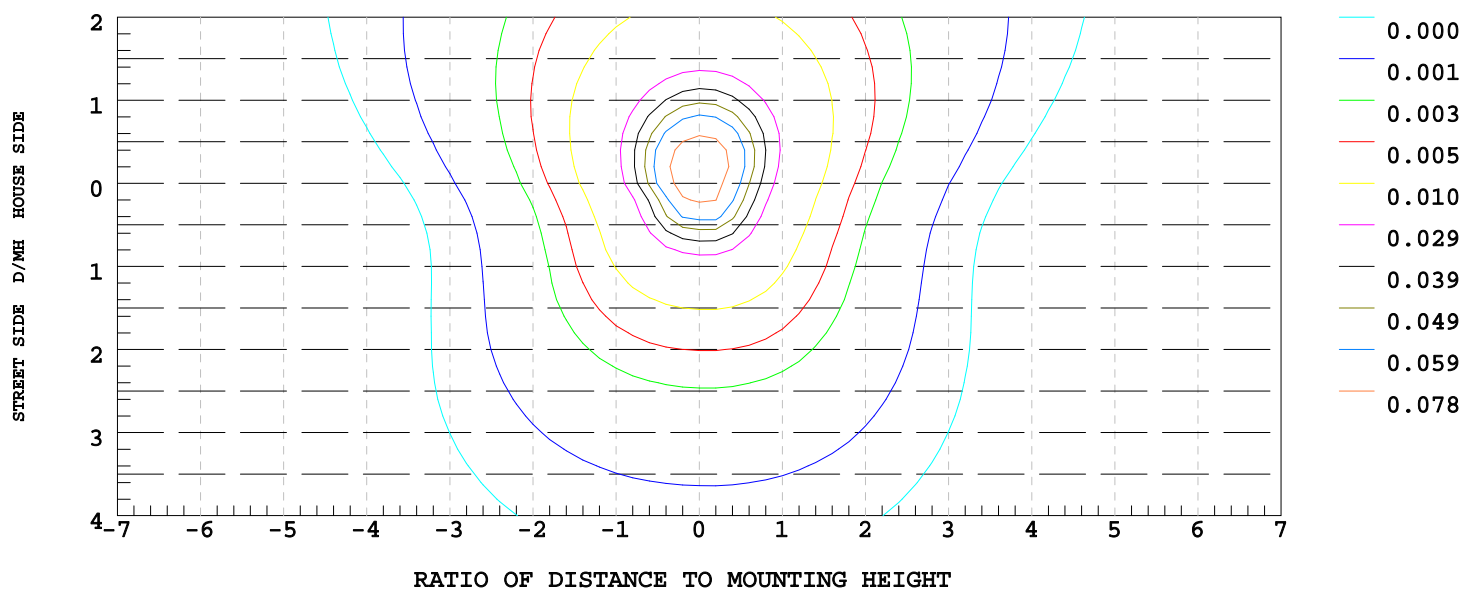
Test Set: 7.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 6.100 m  
 Remarks:

# ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.09 lx



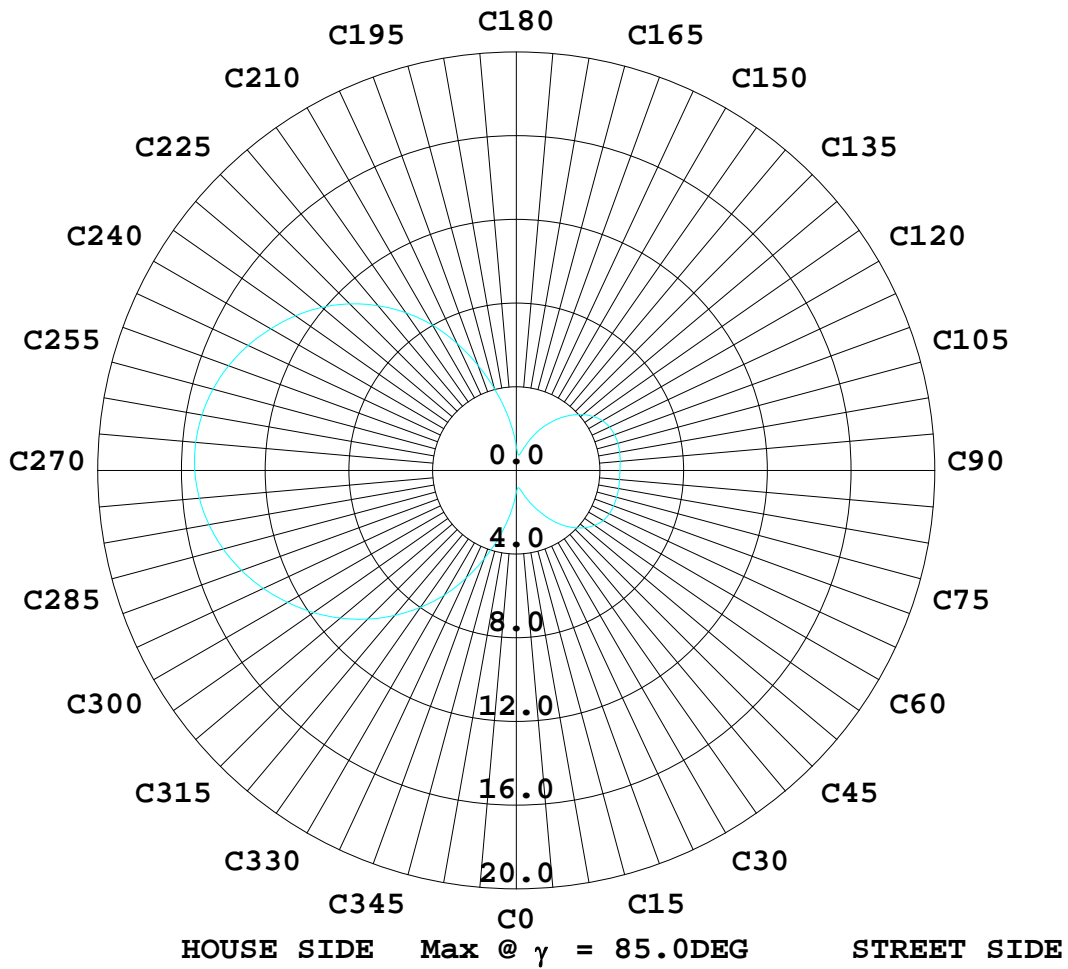
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-27-2025

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	9.41	9.30	9.78	9.41	9.89	9.56	9.41	9.30	9.78	9.41	9.89	9.56
5.0	9.41	9.00	9.41	9.00	9.56	9.33	9.26	9.56	10.1	9.82	10.1	9.71
10.0	9.26	8.63	9.00	8.63	9.22	9.04	9.07	9.74	10.5	10.2	10.4	9.82
15.0	9.07	8.22	8.63	8.29	8.89	8.66	8.81	9.82	10.9	10.7	10.7	9.86
20.0	8.81	7.77	8.22	7.92	8.55	8.26	8.55	9.86	11.2	11.1	10.9	9.82
25.0	8.48	7.33	7.81	7.59	8.18	7.81	8.22	9.86	11.4	11.5	11.1	9.78
30.0	8.07	6.84	7.44	7.25	7.81	7.36	7.88	9.86	11.7	11.9	11.3	9.67
35.0	7.62	6.40	7.06	6.95	7.47	6.92	7.51	9.82	12.0	12.4	11.4	9.56
40.0	7.14	5.91	6.69	6.62	7.10	6.43	7.14	9.78	12.2	12.8	11.6	9.37
45.0	6.58	5.39	6.36	6.36	6.73	5.99	6.69	9.74	12.5	13.2	11.8	9.19
50.0	5.95	4.91	6.02	6.10	6.40	5.43	6.25	9.63	12.7	13.5	11.9	8.96
55.0	5.28	4.42	5.73	5.87	6.06	4.87	5.58	9.48	12.9	13.9	12.1	8.66
60.0	4.57	3.94	5.50	5.69	5.80	4.35	4.87	9.22	13.1	14.2	12.3	8.37
65.0	3.83	3.49	5.28	5.50	5.50	3.79	4.13	9.00	13.3	14.5	12.5	8.07
70.0	3.08	3.12	5.13	5.35	5.28	3.34	3.38	8.74	13.4	14.8	12.6	7.77
75.0	2.34	2.79	4.98	5.24	5.06	2.90	2.56	8.48	13.5	15.1	12.7	7.47
80.0	1.67	2.53	4.91	5.09	4.91	2.56	1.82	8.26	13.5	15.2	12.7	7.18
85.0	1.04	2.30	4.80	4.94	4.76	2.26	1.15	8.03	13.5	15.3	12.6	6.88
90.0	0.60	2.04	4.65	4.76	4.61	2.04	0.63	7.85	13.3	15.2	12.2	6.58
95.0	0.37	0.74	3.08	4.01	3.27	1.37	0.33	6.88	9.52	14.1	7.92	4.72
100.0	0.33	0.48	2.49	3.57	3.27	1.11	0.15	5.54	10.2	13.1	8.66	3.38
105.0	0.30	0.19	1.86	3.01	2.97	0.93	0.11	5.09	9.63	11.7	7.03	1.89
110.0	0.30	0.07	1.30	2.30	2.67	0.86	0.11	4.42	8.66	9.71	4.76	0.93
115.0	0.30	0.04	0.78	1.60	2.34	0.78	0.11	3.68	7.62	7.33	2.71	0.67
120.0	0.30	0.07	0.48	1.04	1.93	0.71	0.11	3.05	6.43	5.02	1.30	0.52
125.0	0.30	0.04	0.37	0.60	1.60	0.63	0.11	2.60	5.24	3.16	0.41	0.41
130.0	0.33	0.04	0.30	0.30	1.30	0.60	0.11	2.26	4.20	1.97	0.22	0.37
135.0	0.33	0.07	0.30	0.19	1.04	0.52	0.11	1.97	3.34	1.19	0.15	0.30
140.0	0.37	0.07	0.26	0.15	0.86	0.48	0.11	1.67	2.64	0.74	0.11	0.26
145.0	0.37	0.07	0.26	0.07	0.71	0.41	0.11	1.33	2.04	0.60	0.07	0.26
150.0	0.37	0.07	0.22	0.07	0.60	0.41	0.11	0.97	1.56	0.52	0.07	0.22
155.0	0.41	0.07	0.22	0.07	0.52	0.37	0.11	0.63	1.11	0.45	0.07	0.22
160.0	0.41	0.07	0.19	0.04	0.45	0.33	0.11	0.52	0.63	0.41	0.07	0.19
165.0	0.45	0.07	0.19	0.07	0.37	0.30	0.11	0.45	0.19	0.37	0.07	0.19
170.0	0.45	0.15	0.15	0.07	0.33	0.26	0.11	0.41	0.07	0.33	0.07	0.19
175.0	0.41	0.26	0.15	0.07	0.26	0.22	0.15	0.48	0.07	0.30	0.11	0.22
180.0	0.37	0.33	0.15	0.07	0.19	0.19	0.30	0.48	0.07	0.26	0.11	0.41

Test System:HOPOO HPG1800  
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