

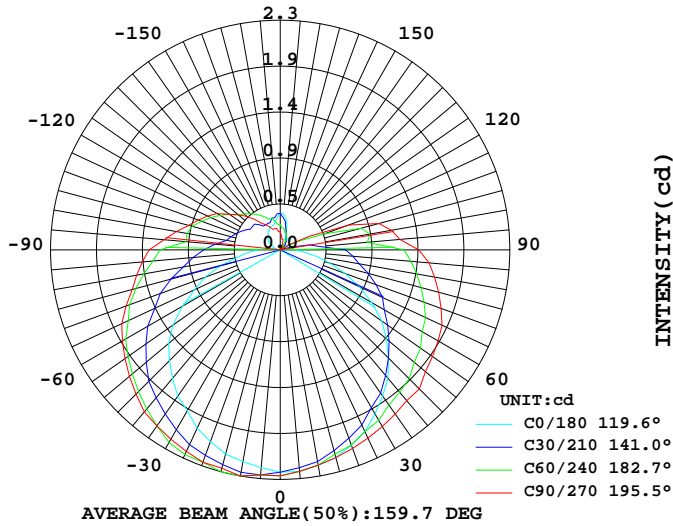
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

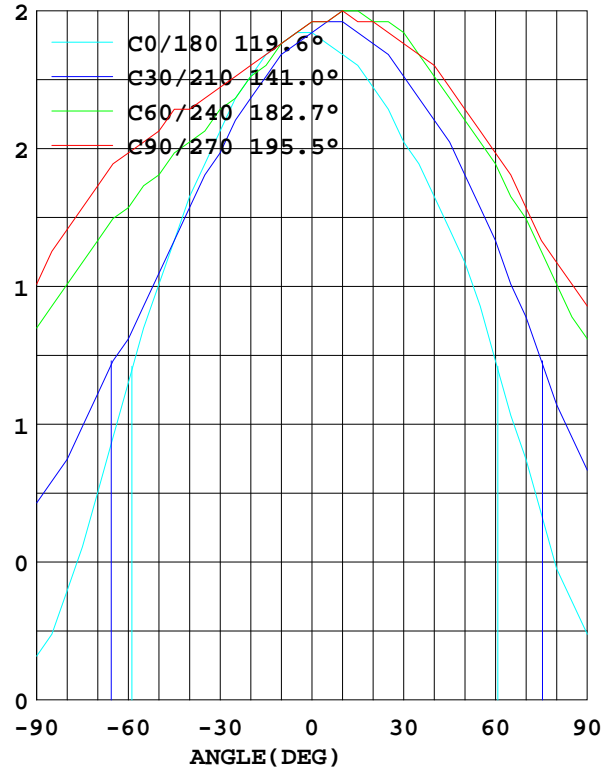
MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	2.344	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.37
NOMINAL POWER(W)	4	TOTAL FLUX(lm)	11.838	Voltage(V)	24.06
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	2.7	Current(A)	0.182
NOMINAL FLUX(lm)	11.8	η up(%)	18.6	Power(W)	4.380
LAMPS QUANTITY	1	η down(%)	81.4	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.1	Effective Flux(lm)	5.9	EEL	1.804

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.:

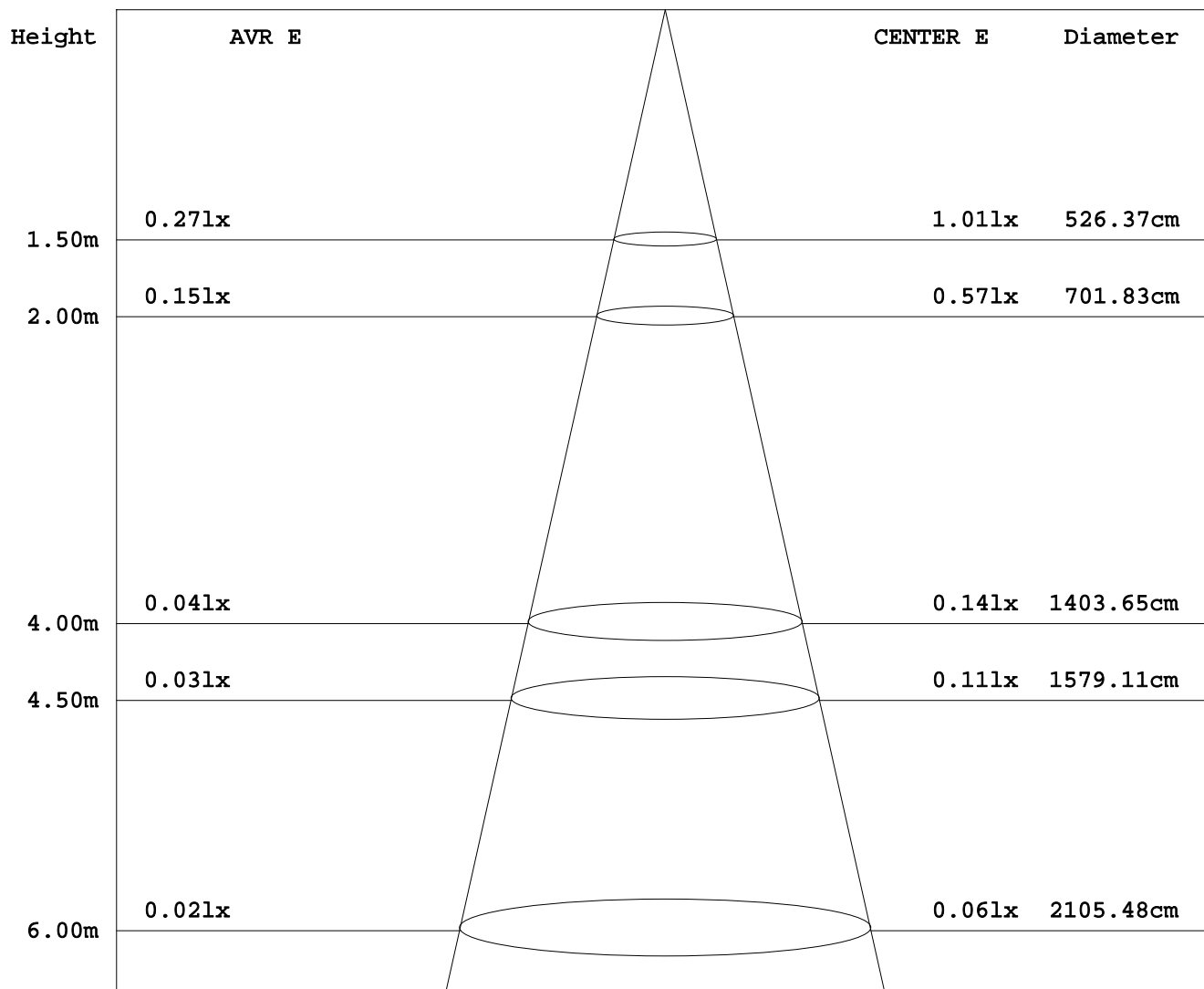
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-27-2025

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: 120.6deg

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.:	

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	2.232	2.213	2.232	2.195	2.195	2.325	2.344	2.232	0- 10	0.216	0.216
20.0	2.120	2.083	2.158	2.083	2.083	2.269	2.307	2.176	10- 20	0.624	0.840
30.0	1.934	1.934	2.083	1.972	1.897	2.195	2.232	2.046	20- 30	0.971	1.811
40.0	1.711	1.786	2.009	1.823	1.711	2.046	2.158	1.916	30- 40	1.234	3.046
50.0	1.413	1.618	1.934	1.637	1.488	1.879	2.009	1.748	40- 50	1.401	4.447
60.0	1.079	1.451	1.860	1.488	1.153	1.693	1.860	1.525	50- 60	1.455	5.903
70.0	0.707	1.302	1.748	1.302	0.819	1.469	1.674	1.283	60- 70	1.402	7.306
80.0	0.372	1.116	1.600	1.134	0.447	1.209	1.488	1.060	70- 80	1.258	8.564
90.0	0.149	0.967	1.413	0.967	0.223	1.004	1.339	0.856	80- 90	1.072	9.636
100.0	0	0.614	1.153	0.670	0.074	0.763	1.079	0.465	90-100	0.771	10.40
110.0	0.037	0.260	0.744	0.502	0.074	0.670	0.893	0.316	100-110	0.563	10.97
120.0	0.074	0.037	0.112	0.130	0.112	0.558	0.744	0.205	110-120	0.331	11.30
130.0	0.112	0.019	0	0.019	0.149	0.465	0.558	0.112	120-130	0.181	11.48
140.0	0.149	0.056	0	0	0.186	0.409	0.409	0.093	130-140	0.128	11.61
150.0	0.112	0.112	0	0	0.223	0.353	0.298	0.056	140-150	0.092	11.70
160.0	0.186	0.186	0.074	0	0.260	0.316	0.223	0.074	150-160	0.069	11.77
170.0	0.335	0.260	0.112	0	0.298	0.316	0.223	0.056	160-170	0.048	11.81
180.0	0.372	0.316	0.186	0	0.372	0.316	0.186	0.130	170-180	0.019	11.83
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:

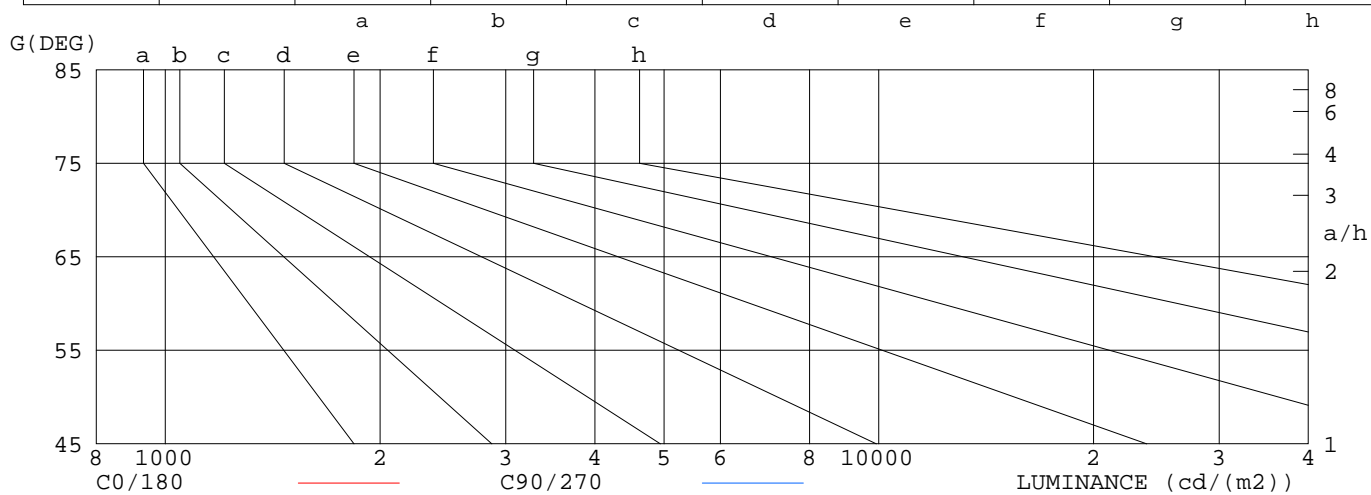
LUMINANCE LIMITATION CURVES

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	26	175
80	21	92
75	20	65
70	21	51
65	21	43
60	22	37
55	22	33
50	22	30
45	22	28

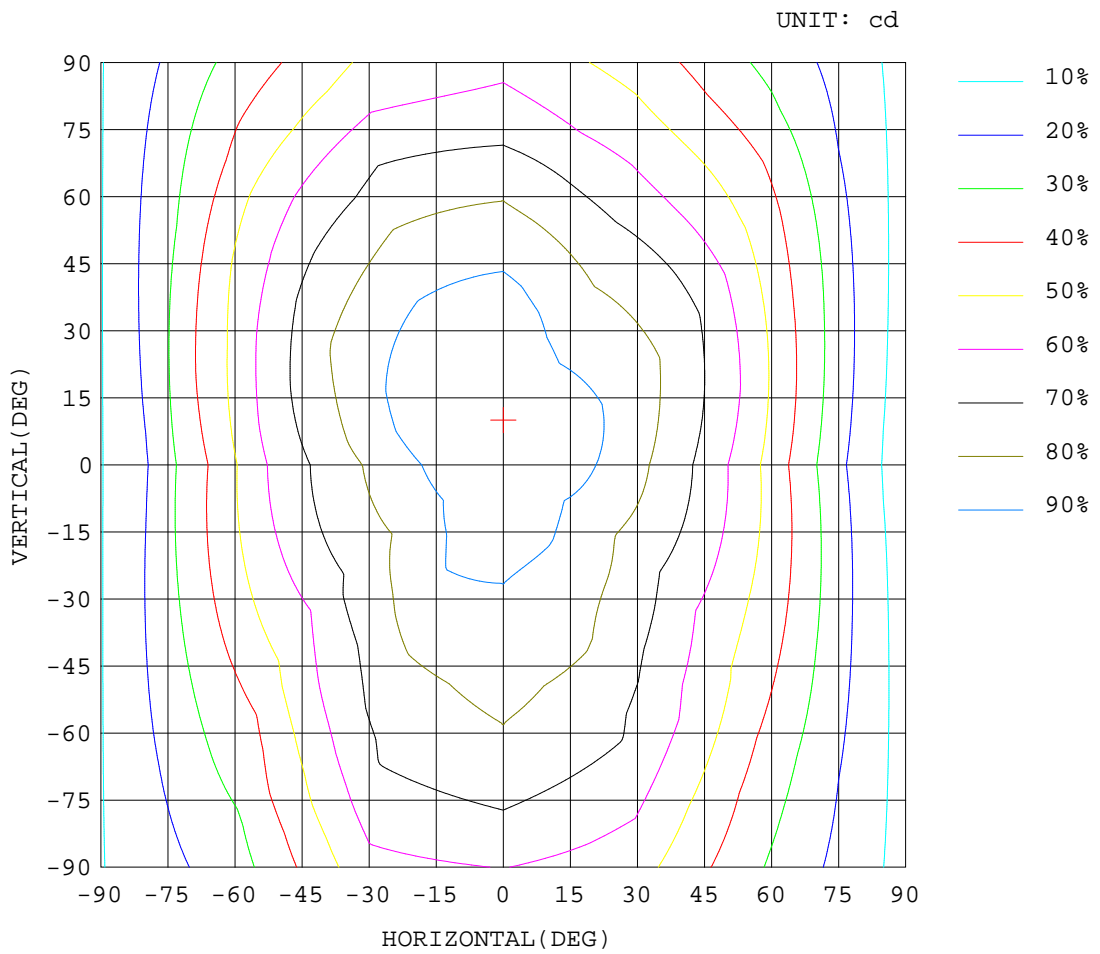
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

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.:



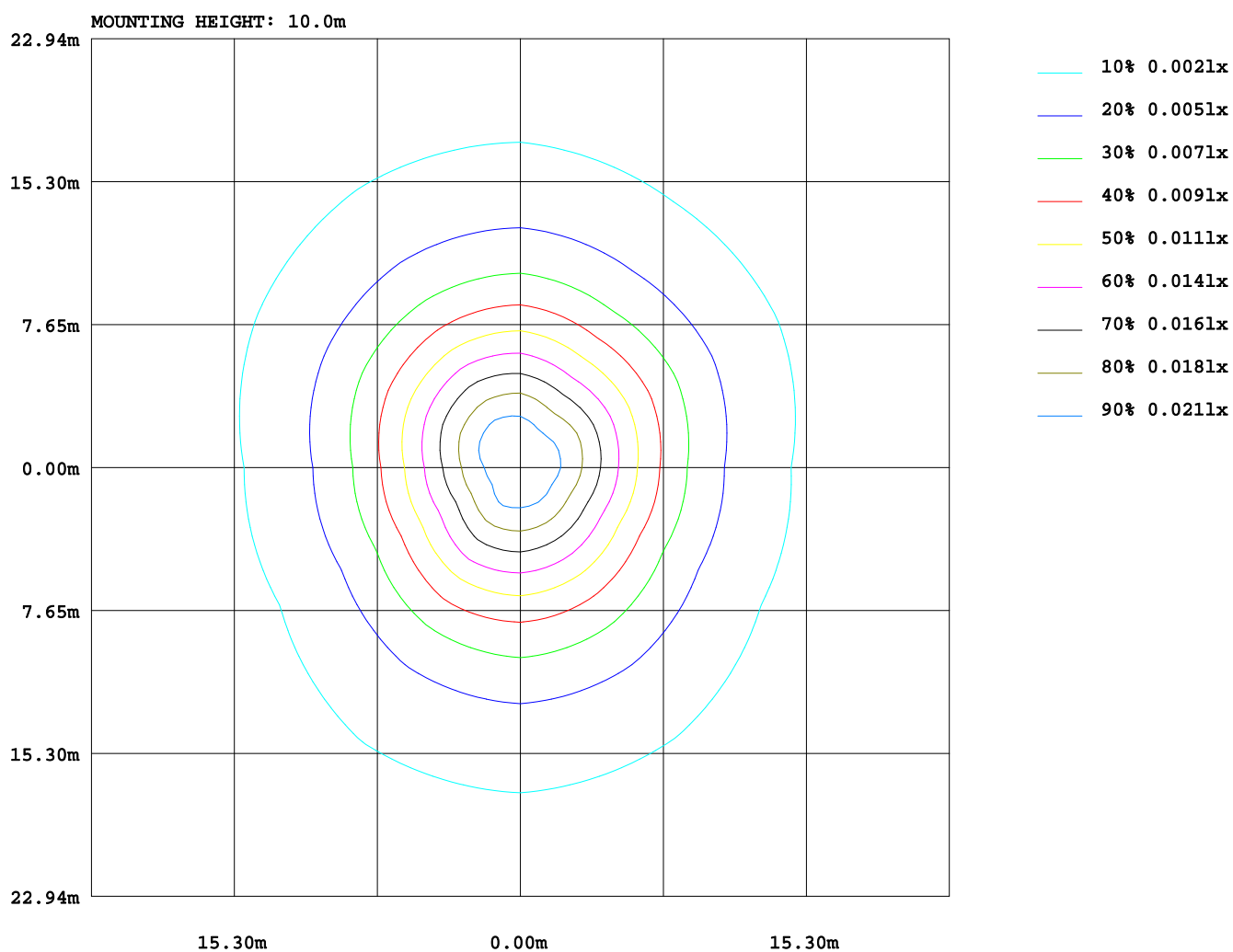
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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	0.00	0.00	0.01	0.02	0.02	0.03	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.01	0.01	0.00	0.00	0.39	0.36
80	0.00	0.00	0.01	0.02	0.03	0.03	0.04	0.05	0.05	0.05	0.04	0.04	0.03	0.02	0.02	0.01	0.00	0.00	0.44	0.41
70	0.00	0.00	0.01	0.02	0.03	0.04	0.05	0.05	0.05	0.05	0.04	0.03	0.03	0.02	0.01	0.00	0.00	0.49	0.46	
60	0.00	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.06	0.05	0.05	0.04	0.03	0.02	0.01	0.00	0.00	0.54	0.50
50	0.00	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.06	0.06	0.05	0.04	0.03	0.02	0.01	0.00	0.00	0.58	0.54
40	0.00	0.01	0.01	0.02	0.04	0.05	0.06	0.06	0.07	0.06	0.06	0.05	0.04	0.03	0.02	0.01	0.00	0.00	0.61	0.57
30	0.00	0.01	0.01	0.02	0.04	0.05	0.06	0.07	0.07	0.07	0.06	0.05	0.05	0.04	0.02	0.01	0.00	0.00	0.63	0.59
	0.00	0.01	0.01	0.02	0.04	0.05	0.06	0.07	0.07	0.07	0.06	0.06	0.05	0.04	0.02	0.01	0.00	0.00	0.64	0.60
	0.00	0.01	0.01	0.02	0.04	0.05	0.06	0.06	0.07	0.07	0.06	0.06	0.05	0.03	0.02	0.01	0.00	0.00	0.63	0.59
	0.00	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.07	0.06	0.06	0.04	0.03	0.02	0.01	0.00	0.00	0.61	0.57
	0.00	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.00	0.00	0.59	0.56
-30	0.00	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.06	0.06	0.05	0.04	0.03	0.02	0.01	0.00	0.00	0.57	0.54
-40	0.00	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.06	0.06	0.05	0.04	0.03	0.02	0.01	0.00	0.00	0.55	0.52
-50	0.00	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.06	0.06	0.05	0.04	0.03	0.02	0.01	0.00	0.00	0.53	0.50
-60	0.00	0.00	0.01	0.02	0.03	0.04	0.05	0.05	0.06	0.06	0.05	0.05	0.04	0.03	0.02	0.01	0.00	0.00	0.51	0.48
-70	0.00	0.00	0.01	0.02	0.03	0.04	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.02	0.01	0.00	0.00	0.48	0.46
-80	0.00	0.00	0.01	0.01	0.02	0.03	0.04	0.05	0.05	0.05	0.05	0.04	0.03	0.02	0.02	0.01	0.00	0.00	0.45	0.42
-90	0.00	0.00	0.01	0.01	0.02	0.03	0.04	0.04	0.05	0.05	0.04	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.41	0.39
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90
Φ t	0.02	0.09	0.21	0.36	0.55	0.73	0.89	1.00	1.06	1.04	0.97	0.85	0.70	0.52	0.35	0.19	0.08	0.01	12	
Φ a	0.00	0.00	0.00	0.36	0.55	0.73	0.89	1.00	1.06	1.04	0.97	0.85	0.70	0.52	0.35	0.00	0.00	0.00		6

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

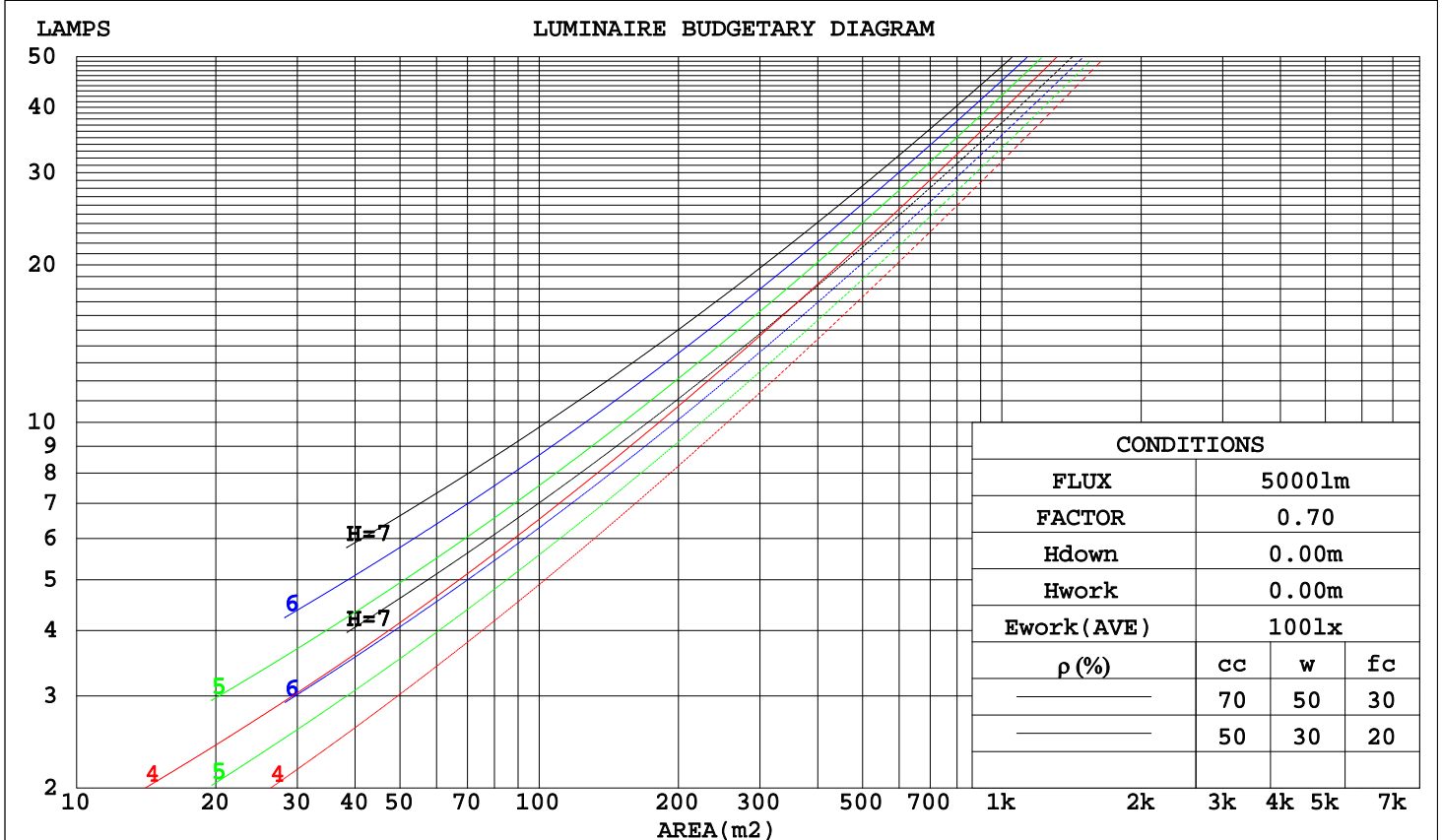
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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	1.15	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	.94	.89	.83	.90	.85	.80	.82	.78	.74	.75	.72	.69	.68	.66	.63	.60
2.0	.80	.72	.65	.76	.69	.63	.70	.64	.58	.64	.59	.54	.58	.54	.50	.47
3.0	.69	.60	.52	.66	.58	.51	.60	.53	.47	.55	.49	.44	.50	.45	.41	.38
4.0	.60	.51	.43	.58	.49	.42	.53	.45	.39	.48	.42	.37	.44	.39	.34	.31
5.0	.54	.44	.37	.51	.42	.36	.47	.39	.33	.43	.36	.31	.39	.34	.29	.27
6.0	.48	.38	.31	.46	.37	.31	.42	.34	.29	.39	.32	.27	.35	.30	.25	.23
7.0	.43	.34	.27	.41	.33	.27	.38	.31	.25	.35	.29	.24	.32	.27	.22	.20
8.0	.39	.30	.24	.38	.29	.23	.35	.27	.22	.32	.26	.21	.29	.24	.20	.18
9.0	.36	.27	.21	.34	.26	.21	.32	.25	.20	.29	.23	.19	.27	.22	.18	.16
10.0	.33	.25	.19	.32	.24	.19	.29	.23	.18	.27	.21	.17	.25	.20	.16	.14



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	.409	.233	.074	.396	.226	.072	.372	.214	.068	.350	.202	.065	.329	.191	.062	
2.0	.349	.191	.059	.337	.186	.057	.315	.175	.054	.295	.165	.052	.276	.156	.049	
3.0	.307	.163	.049	.296	.159	.048	.276	.150	.046	.258	.141	.043	.241	.133	.041	
4.0	.274	.143	.042	.265	.139	.041	.247	.131	.039	.230	.124	.037	.214	.117	.035	
5.0	.248	.127	.037	.240	.123	.036	.223	.116	.034	.208	.110	.033	.194	.104	.031	
6.0	.227	.114	.033	.219	.111	.032	.204	.104	.030	.190	.099	.029	.177	.093	.028	
7.0	.208	.103	.029	.201	.100	.029	.188	.095	.027	.175	.090	.026	.163	.085	.025	
8.0	.193	.094	.027	.186	.092	.026	.174	.087	.025	.162	.082	.024	.151	.077	.023	
9.0	.179	.087	.024	.173	.085	.024	.162	.080	.023	.151	.076	.022	.141	.071	.021	
10.0	.168	.080	.022	.162	.078	.022	.151	.074	.021	.141	.070	.020	.132	.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	.332	.332	.332	.284	.284	.284	.194	.194	.194	.111	.111	.111	.036	.036	.036	
1.0	.330	.298	.269	.282	.256	.232	.193	.176	.160	.111	.102	.093	.036	.033	.030	
2.0	.324	.275	.235	.277	.237	.203	.190	.164	.142	.110	.095	.083	.035	.031	.027	
3.0	.316	.259	.214	.271	.224	.185	.186	.155	.130	.107	.091	.077	.035	.029	.025	
4.0	.308	.247	.200	.265	.213	.174	.182	.149	.122	.105	.087	.072	.034	.028	.024	
5.0	.300	.237	.190	.258	.205	.166	.178	.143	.117	.103	.084	.069	.033	.027	.023	
6.0	.293	.229	.183	.252	.198	.160	.174	.139	.113	.101	.082	.067	.033	.027	.022	
7.0	.286	.223	.178	.246	.193	.155	.170	.135	.110	.099	.080	.066	.032	.026	.022	
8.0	.279	.217	.175	.240	.188	.152	.166	.132	.108	.097	.078	.064	.031	.026	.021	
9.0	.272	.212	.172	.235	.184	.150	.163	.129	.106	.095	.076	.063	.031	.025	.021	
10.0	.266	.208	.169	.230	.181	.148	.159	.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		-2.1	-0.7	-1.6	-0.2	0.4	0.3	1.7	0.8	2.2	2.8
	3H	-0.3	1.0	0.2	1.5	2.1	3.3	4.6	3.8	5.1	5.7
	4H	0.5	1.7	1.0	2.3	2.9	4.9	6.2	5.5	6.7	7.4
	6H	1.1	2.3	1.7	2.9	3.6	6.8	7.9	7.4	8.5	9.2
	8H	1.4	2.5	2.0	3.1	3.8	7.8	9.0	8.4	9.6	10.2
	12H	1.7	2.7	2.3	3.4	4.0	9.0	10.1	9.6	10.7	11.4
	4H 2H	-0.9	0.4	-0.3	0.9	1.6	0.9	2.1	1.4	2.7	3.3
	3H	1.2	2.3	1.8	2.9	3.6	4.1	5.2	4.7	5.8	6.5
	4H	2.2	3.2	2.8	3.8	4.5	6.0	7.0	6.6	7.6	8.3
	6H	3.1	4.0	3.7	4.6	5.4	8.1	9.0	8.7	9.6	10.4
	8H	3.4	4.3	4.1	4.9	5.7	9.2	10.1	9.9	10.7	11.5
	12H	3.8	4.6	4.5	5.3	6.1	10.6	11.3	11.2	12.0	12.8
	8H 4H	3.4	4.2	4.1	4.9	5.7	6.4	7.2	7.0	7.9	8.6
	6H	4.7	5.4	5.4	6.1	6.9	8.8	9.5	9.5	10.2	11.0
	8H	5.3	5.9	6.0	6.6	7.5	10.2	10.8	10.9	11.5	12.4
	12H	5.9	6.5	6.7	7.2	8.1	11.8	12.4	12.5	13.1	13.9
	12H 4H	3.8	4.6	4.5	5.3	6.1	6.4	7.2	7.1	7.8	8.6
	6H	5.3	6.0	6.1	6.7	7.5	8.9	9.5	9.6	10.3	11.1
	8H	6.1	6.7	6.9	7.4	8.3	10.4	11.0	11.1	11.7	12.6
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 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 11.83 lm Total Lamp Luminous Flux. (8log(F/F0) = -15.4)

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	46	33	26	45	33	26	43	32	25	19
0.80	55	42	33	53	41	33	51	40	32	24
1.00	63	49	41	61	48	40	57	49	39	30
1.25	70	56	48	67	55	47	63	53	45	35
1.50	75	62	53	72	60	52	67	57	50	39
2.00	82	70	62	79	68	60	73	64	58	46
2.50	87	76	68	83	74	66	77	69	62	50
3.00	91	81	73	87	78	71	80	73	67	53
4.00	96	87	80	92	84	78	84	78	73	58
5.00	99	91	85	95	88	82	87	82	77	61
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

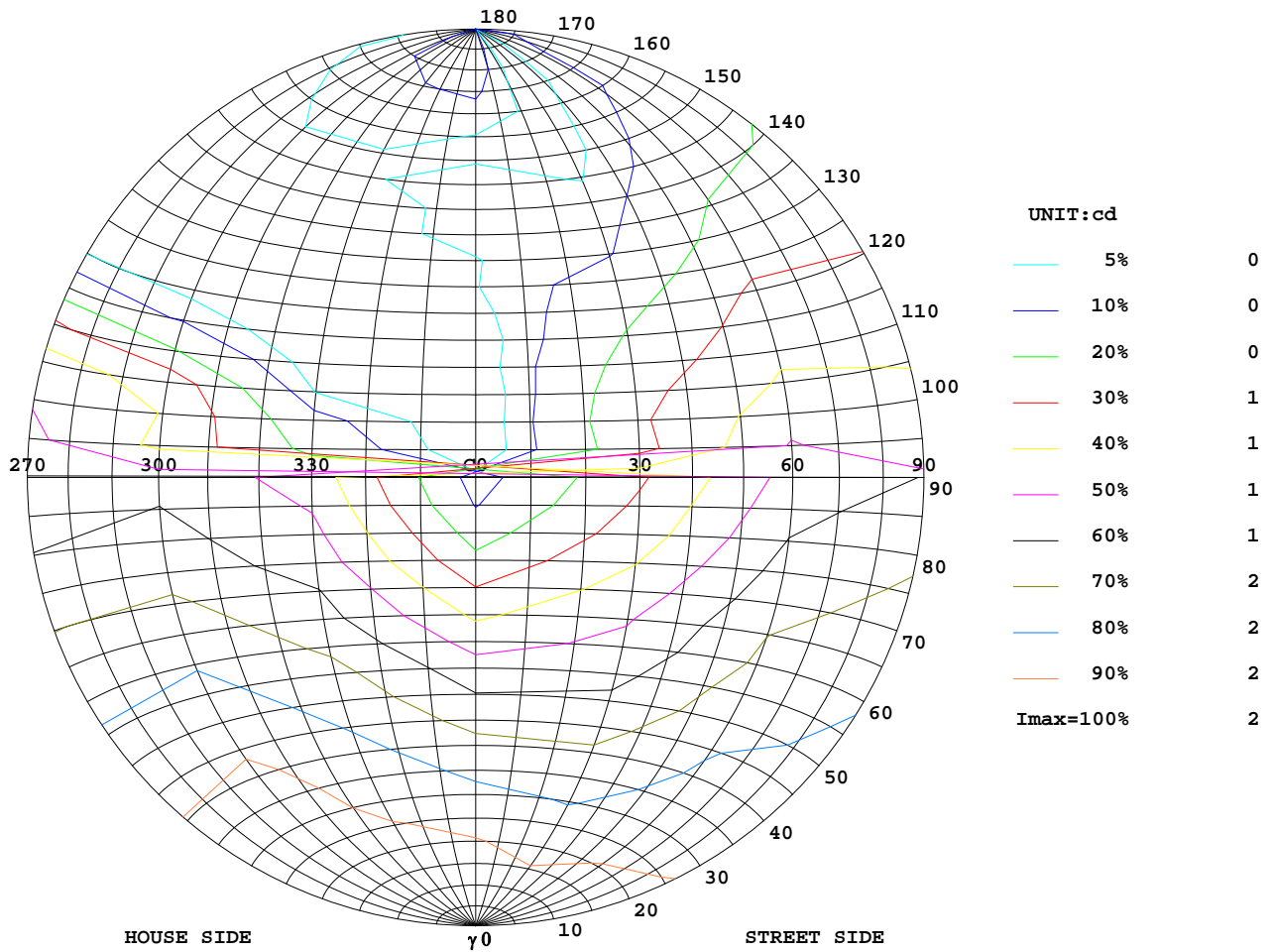
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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

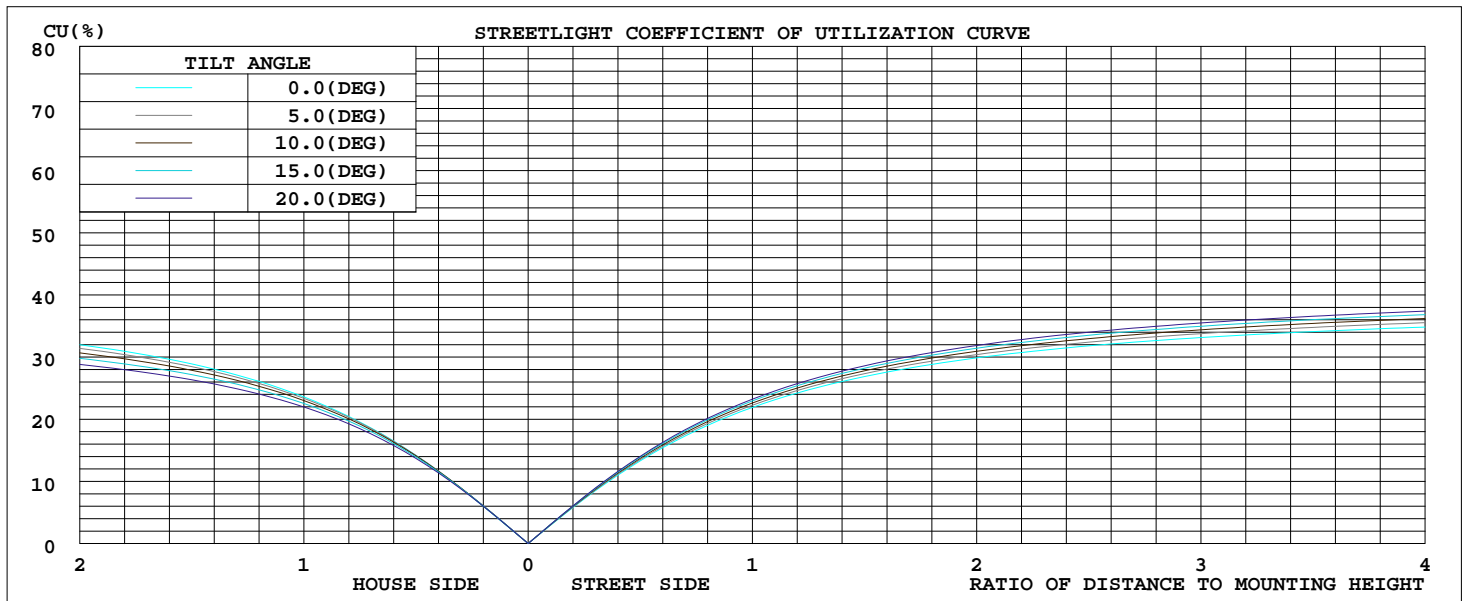
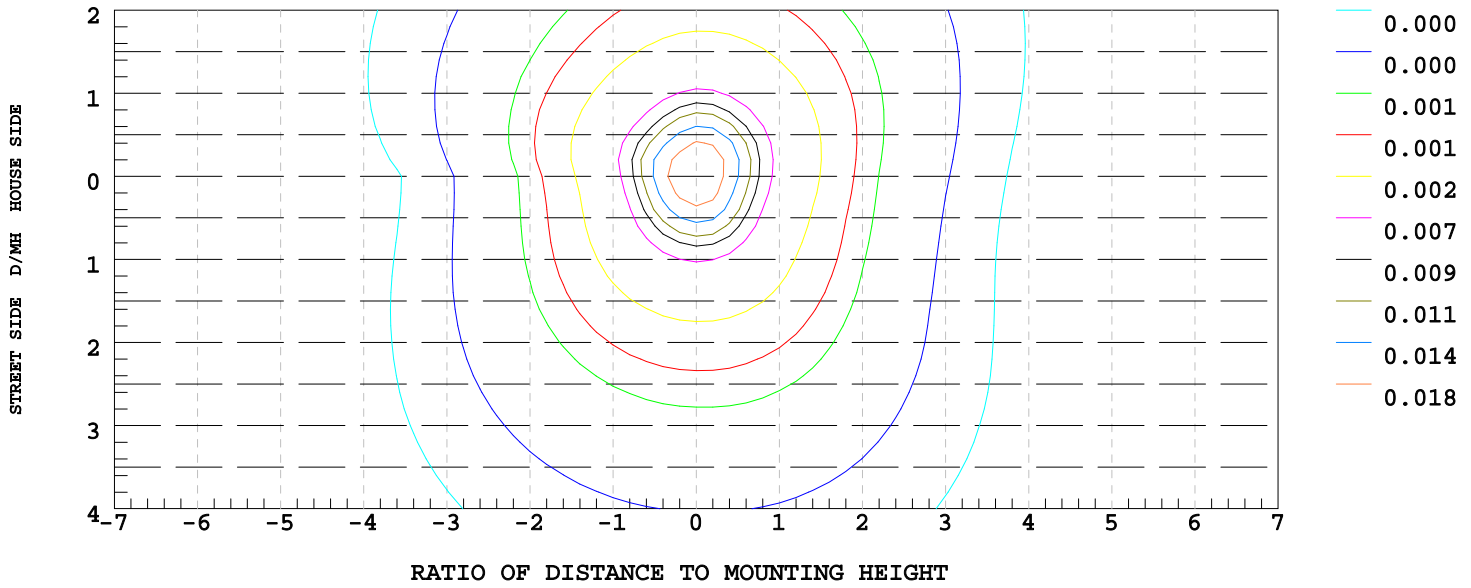
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.100 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.02 lx



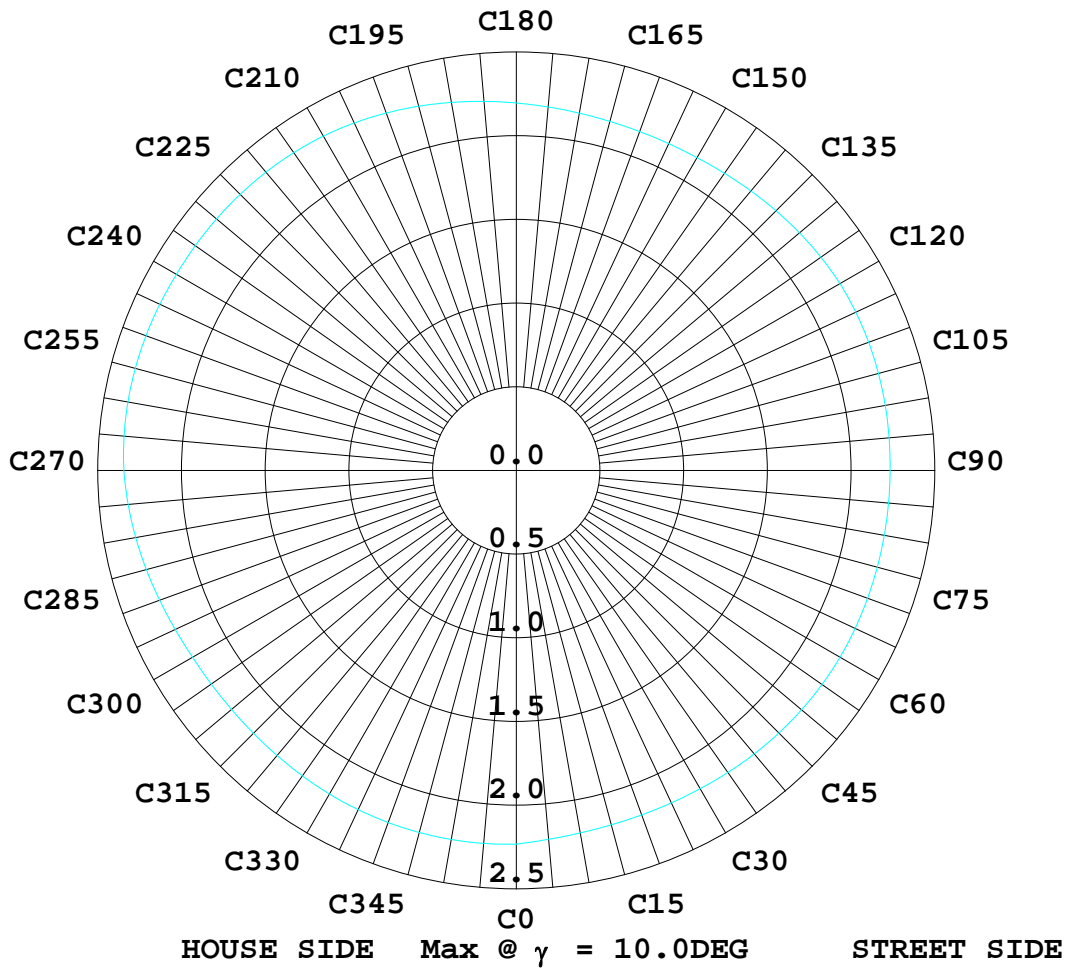
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

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	2.26	2.26	2.30	2.30	2.30	2.23	2.26	2.26	2.30	2.30	2.30	2.23
5.0	2.26	2.23	2.26	2.26	2.26	2.23	2.23	2.30	2.30	2.30	2.26	2.26
10.0	2.23	2.19	2.23	2.23	2.23	2.15	2.19	2.30	2.34	2.34	2.23	2.23
15.0	2.19	2.12	2.15	2.19	2.23	2.12	2.15	2.26	2.34	2.30	2.19	2.23
20.0	2.12	2.04	2.12	2.15	2.15	2.00	2.08	2.23	2.30	2.30	2.15	2.19
25.0	2.04	1.97	2.04	2.12	2.12	1.93	2.00	2.19	2.30	2.26	2.12	2.12
30.0	1.93	1.86	2.00	2.08	2.08	1.86	1.89	2.12	2.26	2.23	2.04	2.04
35.0	1.82	1.78	1.93	2.04	2.00	1.78	1.82	2.04	2.19	2.19	2.00	1.97
40.0	1.71	1.67	1.89	2.00	1.97	1.67	1.71	1.97	2.12	2.15	1.93	1.89
45.0	1.56	1.56	1.86	2.00	1.89	1.60	1.60	1.89	2.04	2.08	1.86	1.82
50.0	1.41	1.45	1.78	1.93	1.82	1.45	1.48	1.78	1.97	2.00	1.78	1.71
55.0	1.26	1.33	1.74	1.89	1.78	1.33	1.33	1.67	1.89	1.93	1.71	1.60
60.0	1.07	1.22	1.67	1.86	1.74	1.22	1.15	1.56	1.82	1.86	1.60	1.45
65.0	0.89	1.15	1.63	1.82	1.67	1.11	0.97	1.41	1.71	1.78	1.48	1.30
70.0	0.71	1.04	1.56	1.74	1.63	0.97	0.82	1.30	1.63	1.67	1.41	1.15
75.0	0.52	0.93	1.48	1.67	1.56	0.86	0.63	1.15	1.52	1.56	1.30	1.04
80.0	0.37	0.82	1.41	1.60	1.48	0.78	0.45	1.00	1.41	1.48	1.22	0.89
85.0	0.22	0.74	1.33	1.52	1.41	0.67	0.33	0.89	1.30	1.41	1.15	0.74
90.0	0.15	0.67	1.26	1.41	1.33	0.60	0.22	0.78	1.22	1.33	1.07	0.63
95.0	0.00	0.41	0.89	1.22	0.89	0.45	0.11	0.67	0.97	1.19	0.63	0.48
100.0	0.00	0.30	0.93	1.15	0.97	0.37	0.07	0.56	0.97	1.07	0.67	0.26
105.0	0.00	0.11	0.86	1.04	0.93	0.33	0.04	0.52	0.93	0.97	0.63	0.11
110.0	0.04	0.04	0.48	0.74	0.74	0.26	0.07	0.48	0.86	0.89	0.56	0.07
115.0	0.04	0.00	0.22	0.33	0.48	0.19	0.07	0.45	0.78	0.82	0.48	0.04
120.0	0.07	0.00	0.07	0.11	0.15	0.11	0.11	0.41	0.71	0.74	0.41	0.00
125.0	0.11	0.00	0.04	0.00	0.00	0.07	0.15	0.37	0.63	0.63	0.33	0.00
130.0	0.11	0.04	0.00	0.00	0.00	0.04	0.15	0.37	0.56	0.56	0.22	0.00
135.0	0.15	0.07	0.04	0.00	0.00	0.00	0.19	0.37	0.52	0.48	0.19	0.00
140.0	0.15	0.07	0.04	0.00	0.00	0.00	0.19	0.33	0.48	0.41	0.15	0.04
145.0	0.15	0.11	0.04	0.00	0.00	0.00	0.22	0.30	0.45	0.33	0.11	0.04
150.0	0.11	0.11	0.11	0.00	0.00	0.00	0.22	0.30	0.41	0.30	0.07	0.04
155.0	0.11	0.15	0.15	0.04	0.00	0.00	0.26	0.30	0.37	0.26	0.07	0.07
160.0	0.19	0.19	0.19	0.07	0.00	0.00	0.26	0.30	0.33	0.22	0.07	0.07
165.0	0.26	0.22	0.19	0.11	0.00	0.00	0.26	0.33	0.33	0.22	0.04	0.07
170.0	0.33	0.30	0.22	0.11	0.00	0.00	0.30	0.33	0.30	0.22	0.04	0.07
175.0	0.37	0.33	0.22	0.15	0.00	0.00	0.33	0.37	0.26	0.19	0.04	0.11
180.0	0.37	0.37	0.26	0.19	0.00	0.00	0.37	0.37	0.26	0.19	0.11	0.15

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: