

LUMINAIRE PHOTOMETRIC TEST REPORT

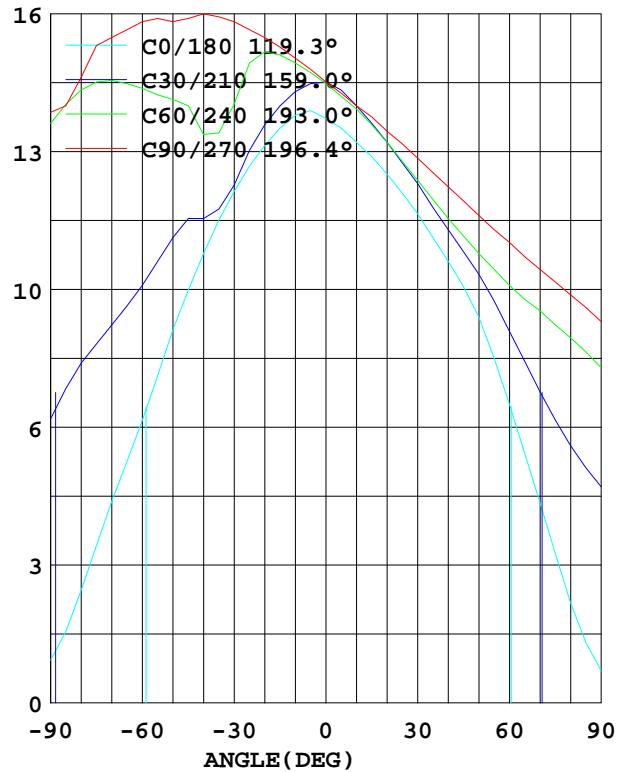
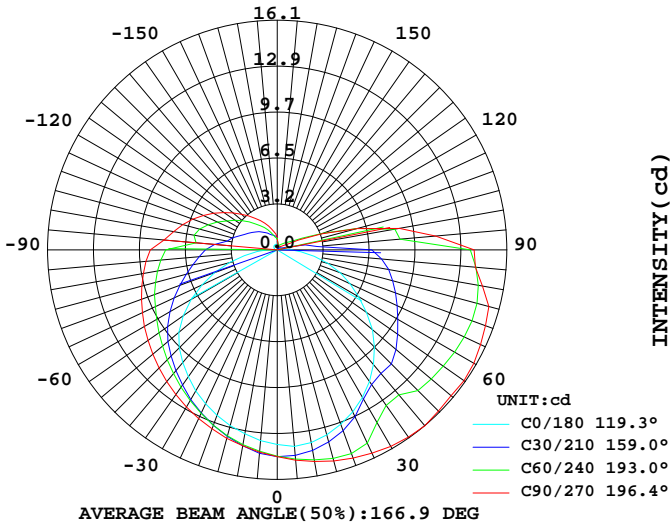
Report number:

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

DATA OF LAMP		Imax(cd)	16.14	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.68
NOMINAL POWER(W)	8	TOTAL FLUX(lm)	80.407	Voltage(V)	24.18
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	10.0	Current(A)	0.331
NOMINAL FLUX(lm)	80.4	η up(%)	18.5	Power(W)	8.030
LAMPS QUANTITY	1	η down(%)	81.5	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.2	Effective Flux(lm)	38.1	EEL	1.099

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:

Color Temperature Data List

Report number:

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

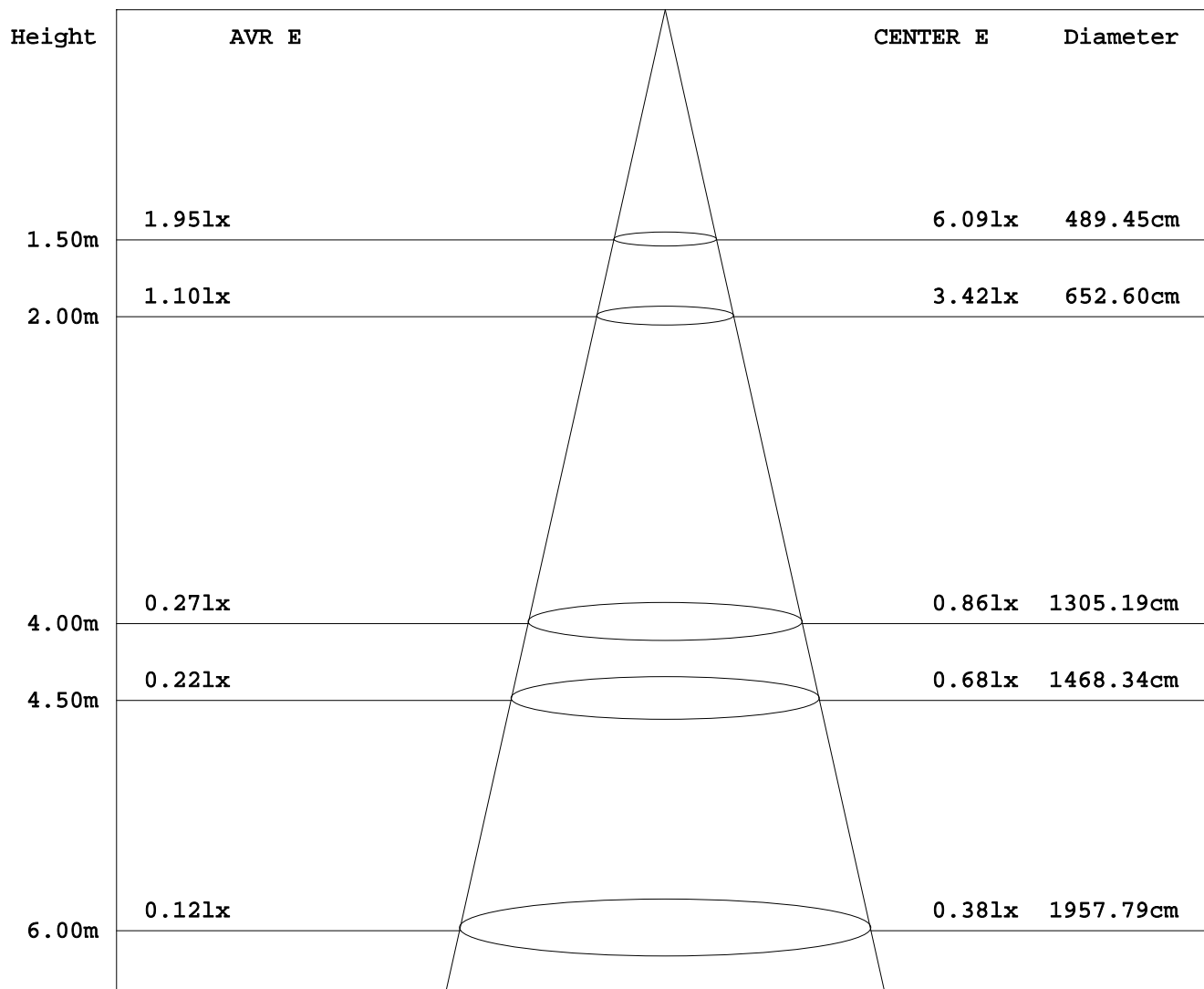
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-27-2025

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: 117.0deg

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		SERIAL No.:	

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	13.76	14.66	15.10	14.47	13.13	13.95	13.99	13.78	0- 10	1.358	1.358
20.0	13.06	14.40	15.59	14.34	12.39	13.13	13.39	13.06	10- 20	3.944	5.303
30.0	11.98	13.07	15.96	14.06	11.46	12.20	12.76	12.03	20- 30	6.161	11.46
40.0	10.53	12.33	16.14	13.61	10.34	11.21	12.09	10.88	30- 40	7.837	19.30
50.0	8.744	12.52	15.96	13.07	9.042	10.28	11.42	9.655	40- 50	9.099	28.40
60.0	6.623	12.09	15.96	12.29	6.995	9.246	10.79	8.409	50- 60	9.744	38.14
70.0	4.725	11.72	15.59	11.14	4.688	8.242	10.15	7.218	60- 70	9.756	47.90
80.0	2.641	11.16	14.66	10.04	2.344	7.293	9.562	6.158	70- 80	9.285	57.18
90.0	1.004	10.12	13.84	8.558	0.744	6.455	8.930	5.302	80- 90	8.339	65.52
100.0	0.372	5.209	8.744	4.930	0.223	4.762	7.404	3.441	90-100	5.902	71.43
110.0	0.298	1.934	3.311	1.972	0.223	4.018	6.325	2.753	100-110	3.724	75.15
120.0	0.260	0.781	0.781	0.670	0.260	3.218	5.172	1.972	110-120	2.071	77.22
130.0	0.260	0.502	0.409	0.447	0.298	2.586	4.055	1.395	120-130	1.287	78.51
140.0	0.223	0.353	0.298	0.353	0.372	2.009	3.125	0.986	130-140	0.847	79.36
150.0	0.223	0.260	0.223	0.298	0.372	1.600	2.381	0.707	140-150	0.532	79.89
160.0	0.223	0.260	0.223	0.223	0.409	1.209	1.786	0.521	150-160	0.308	80.20
170.0	0.298	0.316	0.372	0.186	0.409	0.967	1.302	0.391	160-170	0.155	80.35
180.0	0.558	0.707	0.744	0.316	0.372	0.819	0.856	0.353	170-180	0.051	80.40
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:

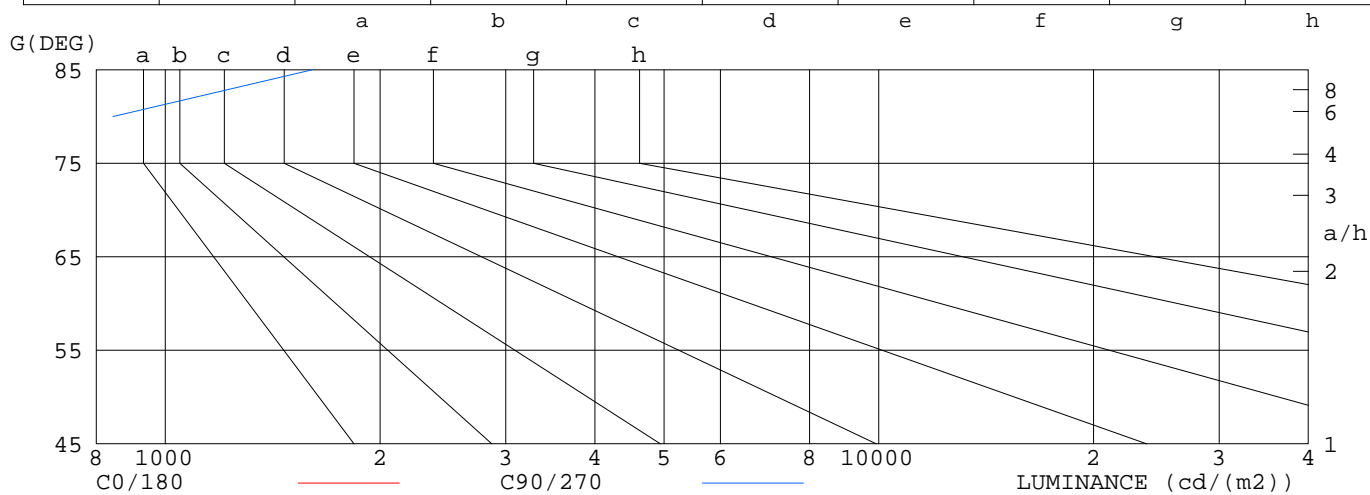
LUMINANCE LIMITATION CURVES

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	192	1605
80	152	844
75	142	595
70	138	456
65	134	373
60	132	319
55	134	280
50	136	248
45	137	227

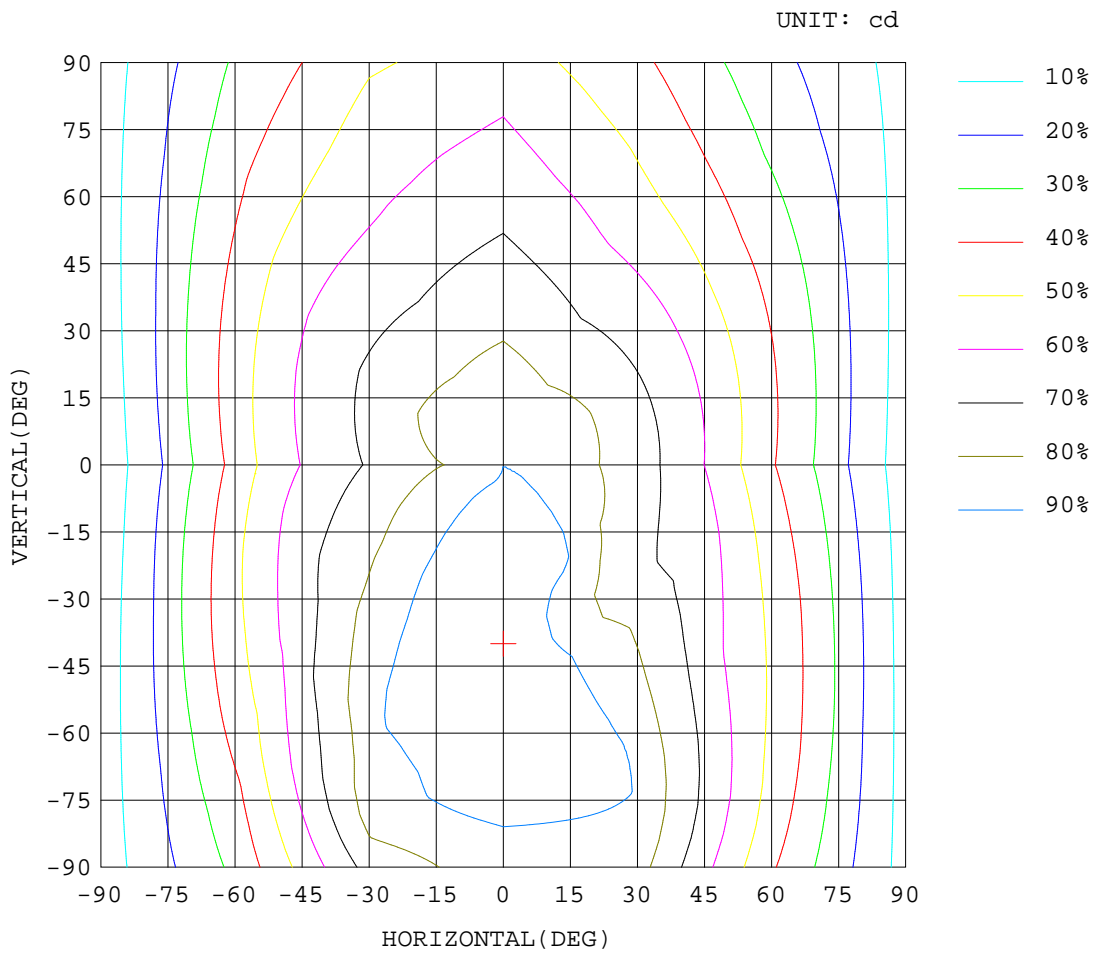
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

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.:



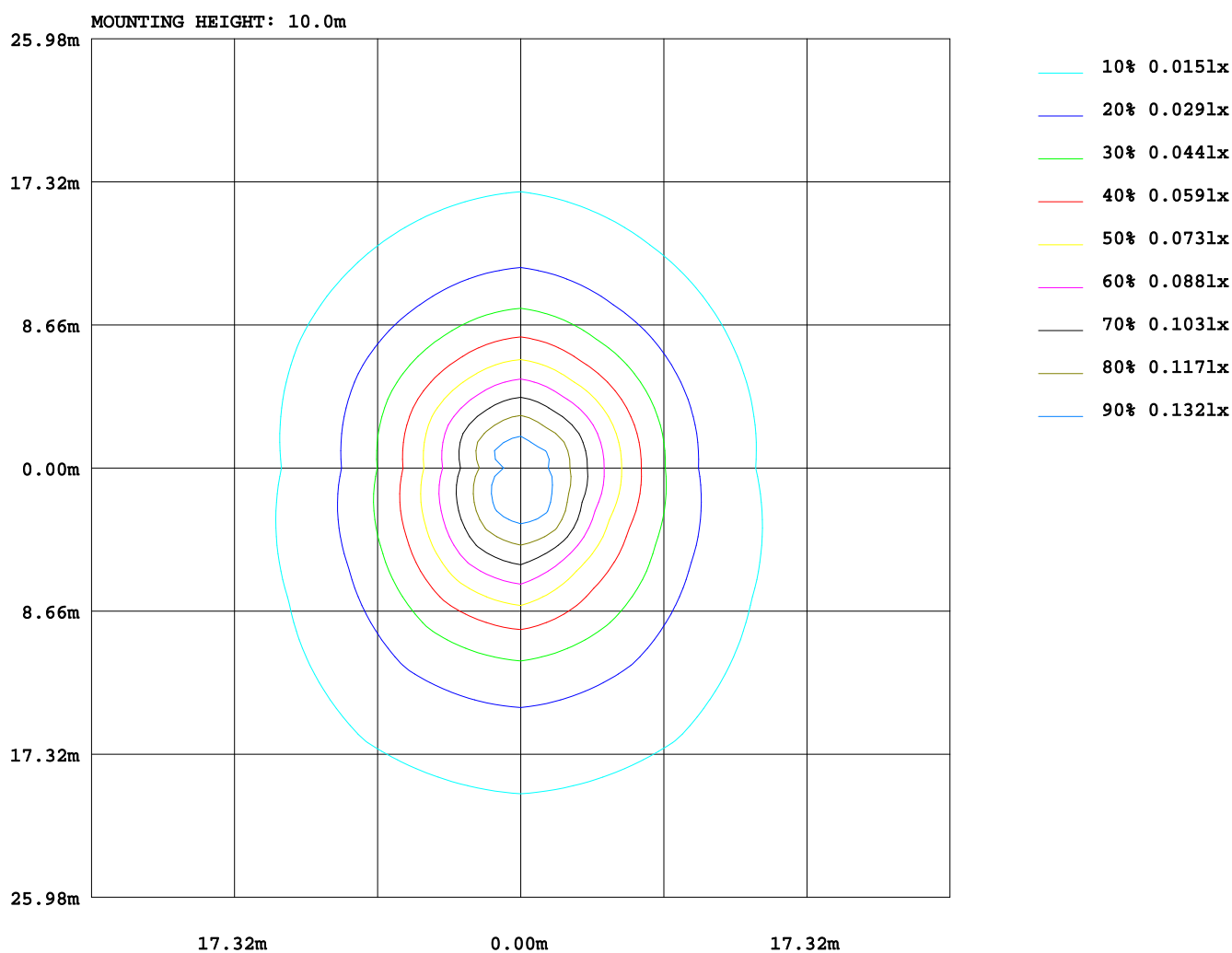
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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	0.02	0.06	0.10	0.15	0.19	0.23	0.26	0.28	0.27	0.24	0.21	0.17	0.12	0.08	0.05	0.02	0.00	2.44	2.28
80	0.00	0.03	0.06	0.11	0.16	0.20	0.25	0.27	0.29	0.29	0.26	0.22	0.18	0.13	0.09	0.05	0.02	0.00	2.62	2.45
70	0.01	0.03	0.07	0.12	0.17	0.22	0.26	0.29	0.31	0.31	0.28	0.24	0.19	0.14	0.10	0.06	0.02	0.01	2.80	2.61
60	0.01	0.03	0.07	0.13	0.18	0.23	0.27	0.31	0.33	0.33	0.30	0.26	0.21	0.16	0.11	0.06	0.03	0.01	2.99	2.79
50	0.01	0.03	0.08	0.13	0.19	0.24	0.29	0.32	0.35	0.35	0.31	0.27	0.23	0.17	0.12	0.07	0.03	0.01	3.19	2.97
40	0.01	0.03	0.08	0.14	0.20	0.26	0.31	0.34	0.37	0.37	0.33	0.29	0.24	0.18	0.12	0.07	0.03	0.01	3.38	3.16
30	0.01	0.03	0.08	0.14	0.21	0.27	0.32	0.36	0.39	0.39	0.36	0.32	0.26	0.20	0.13	0.07	0.03	0.01	3.57	3.34
20	0.01	0.03	0.08	0.14	0.21	0.28	0.34	0.38	0.41	0.41	0.38	0.34	0.27	0.21	0.13	0.07	0.03	0.01	3.72	3.49
10	0.00	0.03	0.08	0.14	0.21	0.28	0.33	0.39	0.42	0.42	0.39	0.35	0.28	0.21	0.14	0.07	0.03	0.01	3.78	3.56
0	0.00	0.03	0.08	0.15	0.22	0.28	0.34	0.39	0.44	0.44	0.40	0.35	0.28	0.21	0.14	0.08	0.03	0.01	3.86	3.63
-10	0.01	0.03	0.08	0.15	0.23	0.30	0.36	0.42	0.46	0.46	0.42	0.34	0.28	0.22	0.15	0.08	0.03	0.01	4.02	3.78
-20	0.01	0.03	0.08	0.15	0.23	0.31	0.38	0.44	0.47	0.47	0.41	0.34	0.29	0.22	0.15	0.09	0.04	0.01	4.10	3.85
-30	0.01	0.03	0.08	0.15	0.23	0.31	0.39	0.45	0.48	0.46	0.41	0.36	0.30	0.22	0.15	0.09	0.04	0.01	4.16	3.91
-40	0.01	0.03	0.08	0.15	0.23	0.32	0.40	0.45	0.48	0.47	0.43	0.38	0.31	0.23	0.15	0.09	0.04	0.01	4.24	3.99
-50	0.01	0.03	0.08	0.14	0.23	0.32	0.40	0.45	0.48	0.47	0.44	0.39	0.32	0.23	0.15	0.09	0.04	0.01	4.27	4.03
-60	0.01	0.03	0.07	0.14	0.22	0.31	0.39	0.44	0.47	0.47	0.44	0.40	0.33	0.24	0.15	0.09	0.04	0.01	4.25	4.01
-70	0.01	0.03	0.07	0.13	0.21	0.31	0.39	0.43	0.46	0.46	0.44	0.40	0.33	0.24	0.15	0.08	0.03	0.01	4.15	3.92
-80	0.00	0.03	0.06	0.12	0.20	0.29	0.36	0.39	0.42	0.43	0.41	0.39	0.32	0.23	0.14	0.08	0.03	0.01	3.89	3.68
-90	0.00	0.03	0.06	0.12	0.20	0.29	0.36	0.39	0.42	0.43	0.41	0.39	0.32	0.23	0.14	0.08	0.03	0.01	3.89	3.68
	-90	-80	-70	-60	-50	-40	-30	-20	20	30	40	50	60	70	80	90				
Φ t	0.09	0.54	1.34	2.43	3.66	4.91	5.99	6.77	7.29	7.25	6.65	5.84	4.78	3.56	2.35	1.33	0.56	0.10	80	
Φ a	0.00	0.00	0.00	2.43	3.66	4.91	5.99	6.77	7.29	7.25	6.65	5.84	4.78	3.56	2.35	0.00	0.00	0.00		38

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

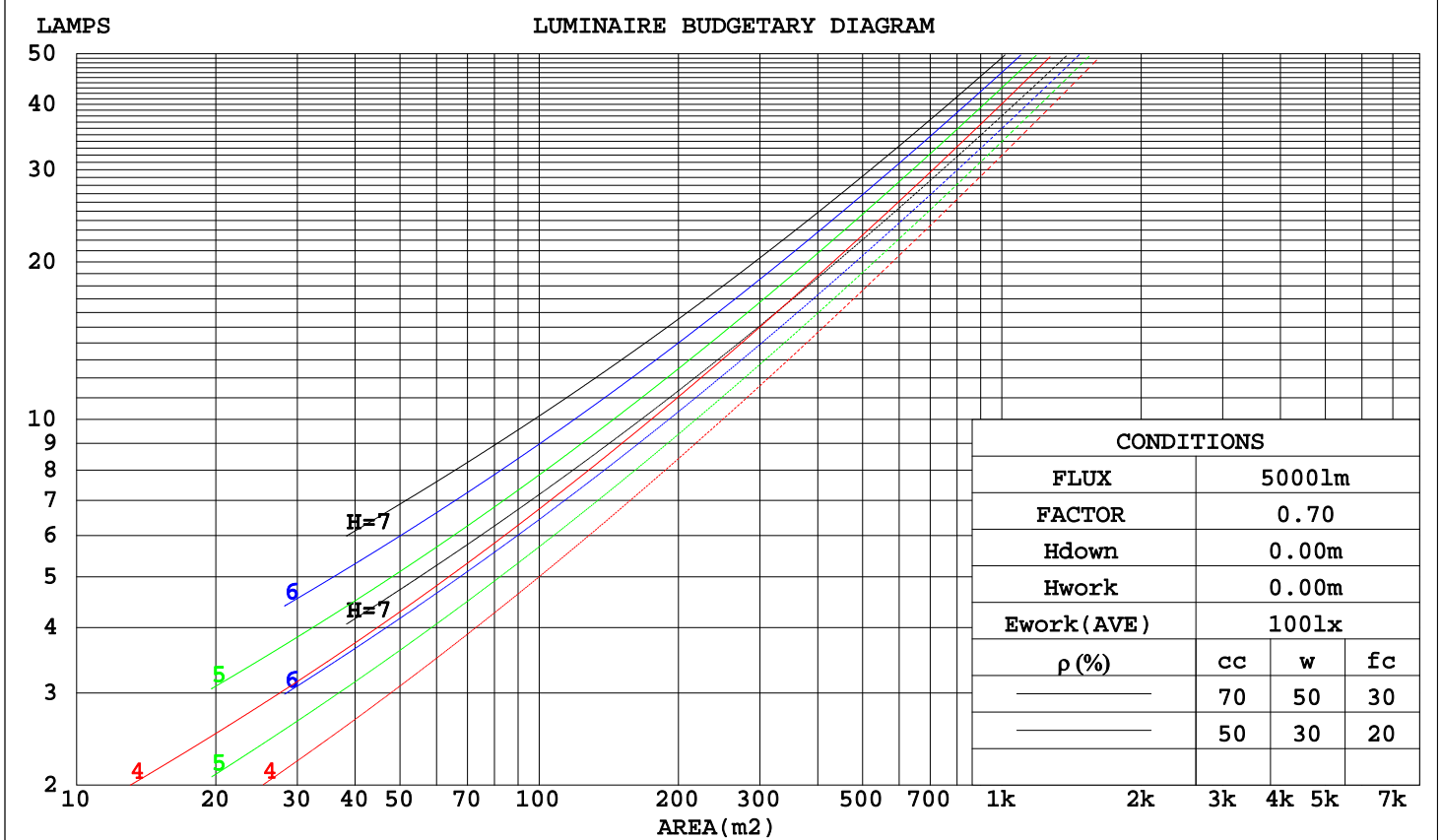
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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	.93	.87	.82	.89	.84	.79	.81	.77	.73	.74	.71	.67	.67	.65	.62	.58
2.0	.79	.70	.63	.75	.68	.61	.69	.62	.57	.62	.57	.53	.57	.52	.49	.45
3.0	.68	.58	.51	.65	.56	.49	.59	.52	.46	.54	.48	.43	.49	.44	.40	.36
4.0	.59	.49	.42	.57	.48	.40	.52	.44	.38	.47	.41	.35	.43	.37	.33	.30
5.0	.52	.43	.35	.50	.41	.34	.46	.38	.32	.42	.35	.30	.38	.32	.28	.25
6.0	.47	.37	.30	.45	.36	.29	.41	.33	.28	.38	.31	.26	.34	.29	.24	.22
7.0	.42	.33	.26	.40	.32	.25	.37	.30	.24	.34	.27	.23	.31	.25	.21	.19
8.0	.38	.29	.23	.37	.28	.22	.34	.26	.21	.31	.25	.20	.29	.23	.19	.16
9.0	.35	.26	.20	.34	.25	.20	.31	.24	.19	.29	.22	.18	.26	.21	.17	.15
10.0	.32	.24	.18	.31	.23	.18	.29	.22	.17	.26	.20	.16	.24	.19	.15	.13



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	.429	.244	.077	.416	.237	.075	.391	.224	.072	.369	.213	.068	.348	.202	.065	
2.0	.360	.197	.061	.349	.192	.059	.326	.182	.056	.306	.172	.054	.287	.163	.051	
3.0	.315	.168	.050	.304	.163	.049	.284	.154	.047	.266	.146	.045	.249	.138	.043	
4.0	.280	.146	.043	.271	.142	.042	.253	.134	.040	.236	.127	.038	.220	.120	.036	
5.0	.253	.129	.037	.244	.125	.036	.228	.118	.035	.212	.112	.033	.198	.106	.032	
6.0	.230	.115	.033	.222	.112	.032	.207	.106	.031	.193	.100	.030	.180	.095	.028	
7.0	.211	.104	.030	.204	.102	.029	.190	.096	.028	.178	.091	.026	.166	.086	.025	
8.0	.195	.095	.027	.189	.093	.026	.176	.088	.025	.164	.083	.024	.153	.079	.023	
9.0	.181	.088	.024	.175	.085	.024	.164	.081	.023	.153	.077	.022	.143	.072	.021	
10.0	.169	.081	.023	.164	.079	.022	.153	.075	.021	.143	.071	.020	.133	.067	.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	.331	.331	.331	.283	.283	.283	.193	.193	.193	.111	.111	.111	.036	.036	.036	
1.0	.331	.297	.267	.283	.255	.230	.194	.176	.159	.111	.102	.092	.036	.033	.030	
2.0	.324	.275	.233	.278	.236	.201	.190	.164	.140	.110	.095	.082	.035	.031	.027	
3.0	.317	.258	.212	.272	.223	.184	.187	.155	.129	.108	.090	.076	.035	.029	.025	
4.0	.309	.246	.198	.265	.213	.172	.182	.148	.121	.105	.087	.072	.034	.028	.024	
5.0	.301	.236	.189	.259	.205	.164	.178	.143	.116	.103	.084	.069	.033	.027	.023	
6.0	.293	.229	.182	.252	.198	.159	.174	.139	.112	.101	.082	.067	.033	.027	.022	
7.0	.286	.222	.177	.246	.192	.155	.170	.135	.109	.099	.080	.065	.032	.026	.022	
8.0	.279	.216	.174	.240	.188	.151	.166	.132	.107	.097	.078	.064	.031	.025	.021	
9.0	.272	.212	.171	.235	.184	.149	.163	.129	.106	.095	.076	.063	.031	.025	.021	
10.0	.266	.208	.168	.230	.180	.147	.159	.127	.104	.093	.075	.062	.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		4.9	6.3	5.4	6.8	7.4	8.4	9.8	8.9	10.3	10.9
	3H	6.8	8.1	7.4	8.7	9.3	11.7	13.0	12.2	13.6	14.2
	4H	7.7	9.0	8.3	9.6	10.2	13.5	14.8	14.1	15.4	16.0
	6H	8.5	9.7	9.1	10.3	11.0	15.5	16.7	16.1	17.3	17.9
	8H	8.8	10.0	9.4	10.6	11.3	16.5	17.7	17.1	18.3	18.9
	12H	9.2	10.3	9.8	10.9	11.6	17.8	18.9	18.4	19.5	20.2
	4H 2H	6.7	7.9	7.2	8.5	9.1	9.0	10.3	9.6	10.8	11.5
	3H	8.8	10.0	9.5	10.6	11.3	12.6	13.8	13.3	14.4	15.1
	4H	10.0	11.0	10.6	11.6	12.4	14.7	15.7	15.3	16.4	17.1
	6H	11.0	11.9	11.7	12.6	13.3	16.9	17.8	17.5	18.4	19.2
	8H	11.4	12.3	12.1	13.0	13.8	18.0	18.9	18.7	19.6	20.3
	12H	11.9	12.7	12.5	13.4	14.1	19.4	20.2	20.1	20.9	21.7
	8H 4H	11.7	12.6	12.4	13.2	14.0	15.1	16.0	15.8	16.7	17.5
	6H	13.1	13.9	13.8	14.6	15.4	17.7	18.4	18.4	19.1	19.9
	8H	13.8	14.5	14.5	15.2	16.0	19.1	19.8	19.8	20.5	21.3
	12H	14.5	15.1	15.3	15.9	16.7	20.8	21.4	21.5	22.1	23.0
	12H 4H	12.3	13.1	13.0	13.8	14.6	15.2	16.0	15.9	16.7	17.5
	6H	14.0	14.7	14.7	15.4	16.2	17.8	18.5	18.6	19.2	20.1
	8H	14.9	15.5	15.6	16.2	17.1	19.4	20.0	20.1	20.7	21.6
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 80.40 lm Total Lamp Luminous Flux. (8log(F/F0) = -8.8)

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	45	32	25	44	32	25	42	31	24	17
0.80	54	40	32	52	40	32	50	38	31	23
1.00	62	48	39	60	47	38	56	48	37	28
1.25	68	55	46	66	54	45	62	51	43	33
1.50	74	60	51	71	59	50	66	56	48	37
2.00	81	69	60	78	67	58	72	63	56	44
2.50	86	74	66	82	72	64	76	68	61	48
3.00	90	79	71	86	77	69	79	72	65	52
4.00	95	86	78	91	83	76	83	77	71	57
5.00	98	90	83	94	87	81	86	80	75	60
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

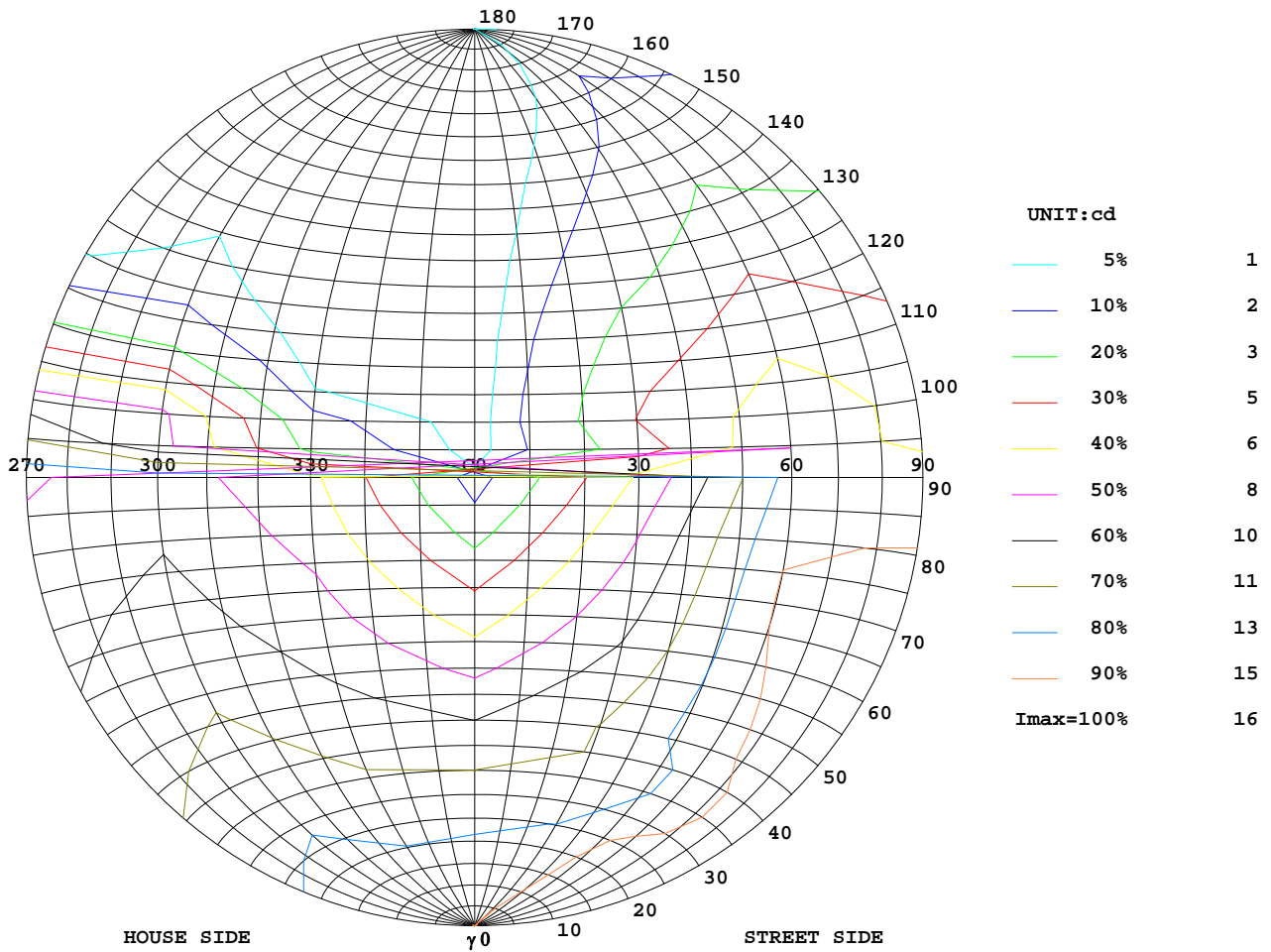
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

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

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

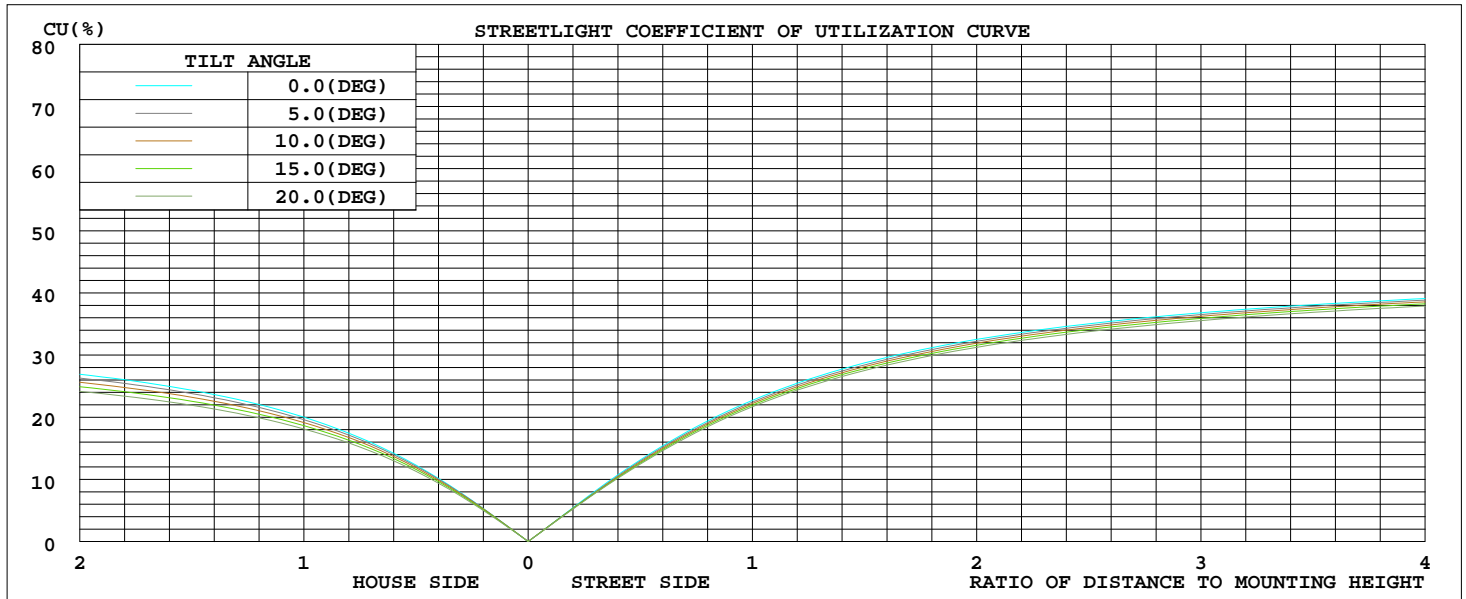
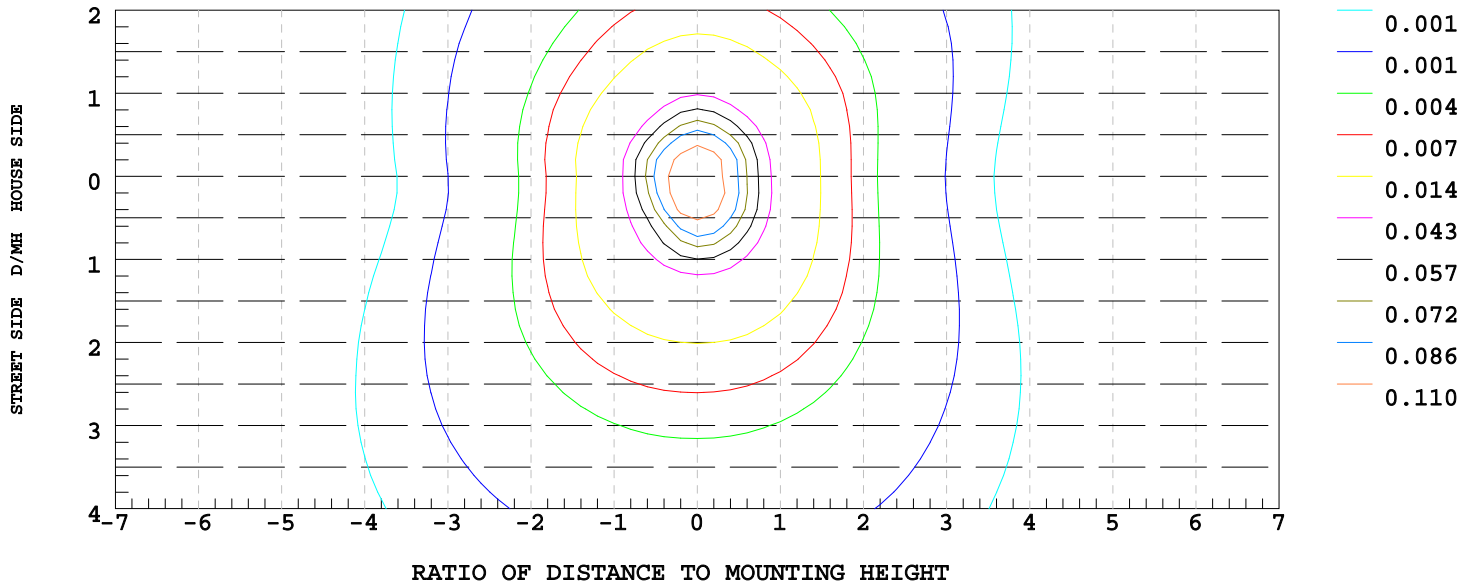
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.100 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.14 lx



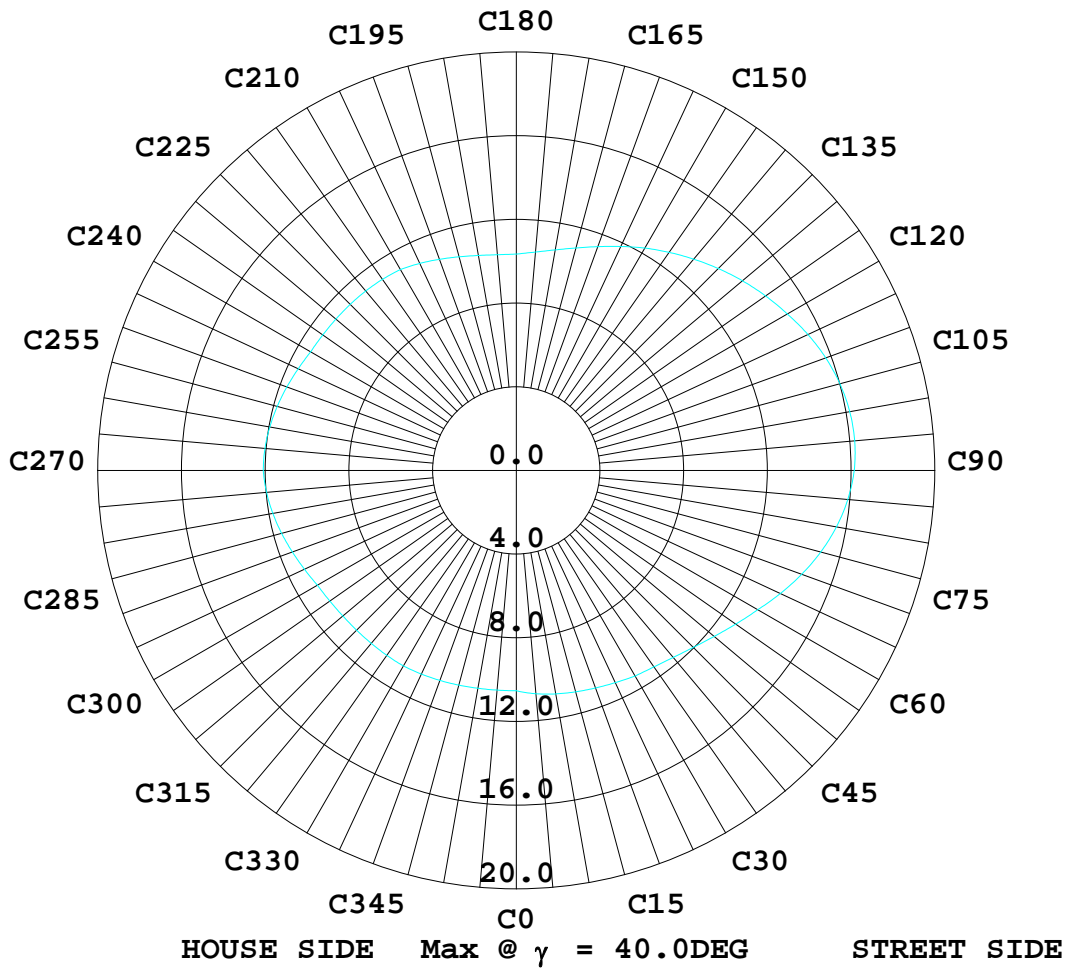
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

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	13.6	14.5	14.5	14.5	14.2	14.3	13.6	14.5	14.5	14.5	14.2	14.3
5.0	13.8	14.5	14.7	14.8	14.5	14.2	13.4	14.3	14.2	14.2	13.9	14.2
10.0	13.7	14.3	14.9	15.1	14.8	14.1	13.1	13.9	13.9	13.9	13.6	13.9
15.0	13.4	13.9	15.1	15.3	14.9	13.8	12.8	13.5	13.5	13.7	13.2	13.5
20.0	13.0	13.5	15.2	15.5	15.0	13.6	12.3	13.1	13.1	13.3	12.9	13.1
25.0	12.5	12.9	14.9	15.7	15.0	13.3	11.9	12.6	12.6	13.0	12.4	12.6
30.0	11.9	12.1	14.0	15.9	15.1	13.0	11.4	12.1	12.2	12.7	11.9	12.0
35.0	11.3	11.5	13.3	16.0	15.0	12.6	10.9	11.6	11.7	12.4	11.4	11.4
40.0	10.5	11.3	13.3	16.1	14.9	12.2	10.3	11.0	11.3	12.0	10.9	10.7
45.0	9.67	11.3	13.9	16.0	14.9	11.9	9.74	10.5	10.9	11.7	10.4	10.0
50.0	8.74	10.9	14.1	15.9	14.8	11.2	9.04	10.0	10.5	11.4	10.0	9.30
55.0	7.66	10.3	14.2	16.0	14.8	10.5	8.07	9.41	10.1	11.0	9.52	8.52
60.0	6.62	9.78	14.4	15.9	14.6	9.89	6.99	8.70	9.78	10.7	9.11	7.70
65.0	5.65	9.30	14.5	15.7	14.3	9.00	5.84	8.00	9.45	10.4	8.66	6.88
70.0	4.72	8.85	14.5	15.5	14.0	8.26	4.68	7.29	9.19	10.1	8.29	6.13
75.0	3.68	8.40	14.5	15.4	13.9	7.44	3.49	6.62	8.85	9.86	7.92	5.39
80.0	2.64	7.96	14.3	14.6	13.5	6.54	2.34	6.02	8.55	9.56	7.55	4.76
85.0	1.67	7.36	14.0	13.9	12.8	5.80	1.41	5.50	8.22	9.26	7.21	4.20
90.0	1.00	6.66	13.5	13.8	11.9	5.20	0.74	5.06	7.85	8.93	6.84	3.75
95.0	0.45	2.82	8.66	11.2	8.29	3.38	0.37	4.42	5.73	8.00	4.09	2.90
100.0	0.37	2.00	8.40	8.74	7.92	1.93	0.22	3.57	5.95	7.40	4.87	2.00
105.0	0.33	0.86	5.84	5.80	5.87	0.74	0.19	3.27	5.65	6.88	4.61	1.82
110.0	0.30	0.45	3.42	3.31	3.64	0.30	0.22	2.86	5.17	6.32	4.16	1.33
115.0	0.30	0.33	1.97	1.67	2.00	0.19	0.22	2.56	4.65	5.73	3.72	0.97
120.0	0.26	0.30	1.26	0.78	1.15	0.19	0.26	2.34	4.09	5.17	3.23	0.71
125.0	0.26	0.22	0.97	0.56	0.89	0.15	0.30	2.15	3.64	4.57	2.75	0.56
130.0	0.26	0.22	0.78	0.41	0.74	0.15	0.30	1.97	3.20	4.05	2.34	0.45
135.0	0.22	0.19	0.67	0.33	0.63	0.15	0.33	1.82	2.79	3.53	2.00	0.33
140.0	0.22	0.15	0.56	0.30	0.56	0.15	0.37	1.63	2.38	3.12	1.71	0.26
145.0	0.22	0.15	0.48	0.26	0.48	0.15	0.37	1.48	2.08	2.71	1.45	0.22
150.0	0.22	0.11	0.41	0.22	0.45	0.15	0.37	1.37	1.82	2.38	1.19	0.22
155.0	0.22	0.11	0.37	0.22	0.37	0.11	0.41	1.22	1.56	2.08	1.00	0.19
160.0	0.22	0.15	0.37	0.22	0.33	0.11	0.41	1.11	1.30	1.78	0.86	0.19
165.0	0.22	0.15	0.37	0.26	0.30	0.11	0.41	1.07	1.07	1.52	0.74	0.19
170.0	0.30	0.22	0.41	0.37	0.30	0.07	0.41	1.00	0.93	1.30	0.63	0.15
175.0	0.45	0.45	0.52	0.52	0.33	0.11	0.37	0.97	0.86	1.11	0.56	0.15
180.0	0.56	0.60	0.82	0.74	0.45	0.19	0.37	0.89	0.74	0.86	0.56	0.15

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
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Test Set: 7.0deg/s C-Gamma (TYPE C)
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 Remarks: