

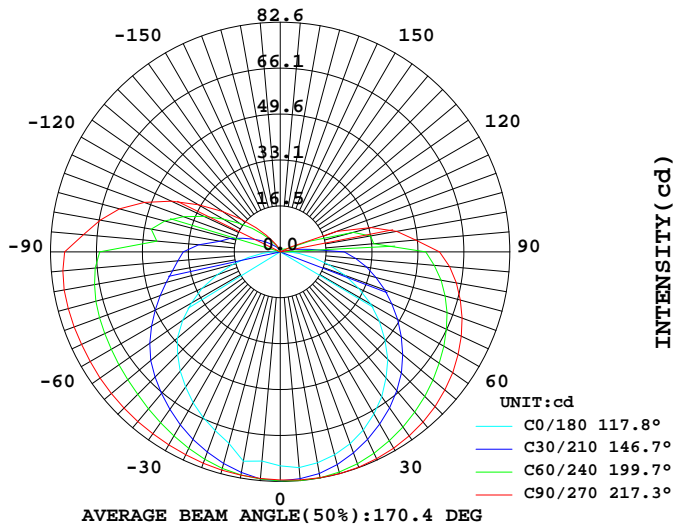
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

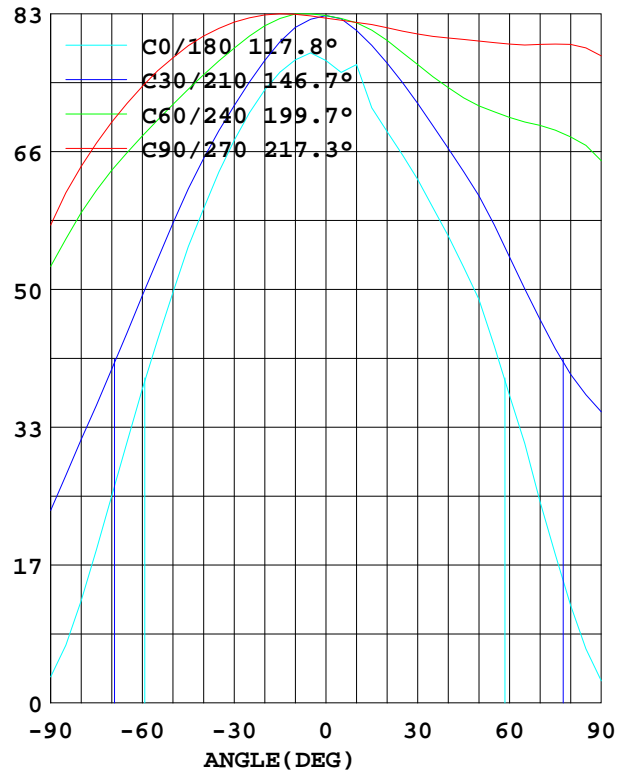
MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	82.64	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.51
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	449.04	Voltage(V)	24.16
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	49.4	Current(A)	0.376
NOMINAL FLUX(lm)	449.0	η up(%)	16.3	Power(W)	9.090
LAMPS QUANTITY	1	η down(%)	83.7	Power Factor(PF)	0.999
TEST VOLTAGE(V)	24.2	Effective Flux(lm)	218.3	EET	0.384

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025年06月26日

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.:

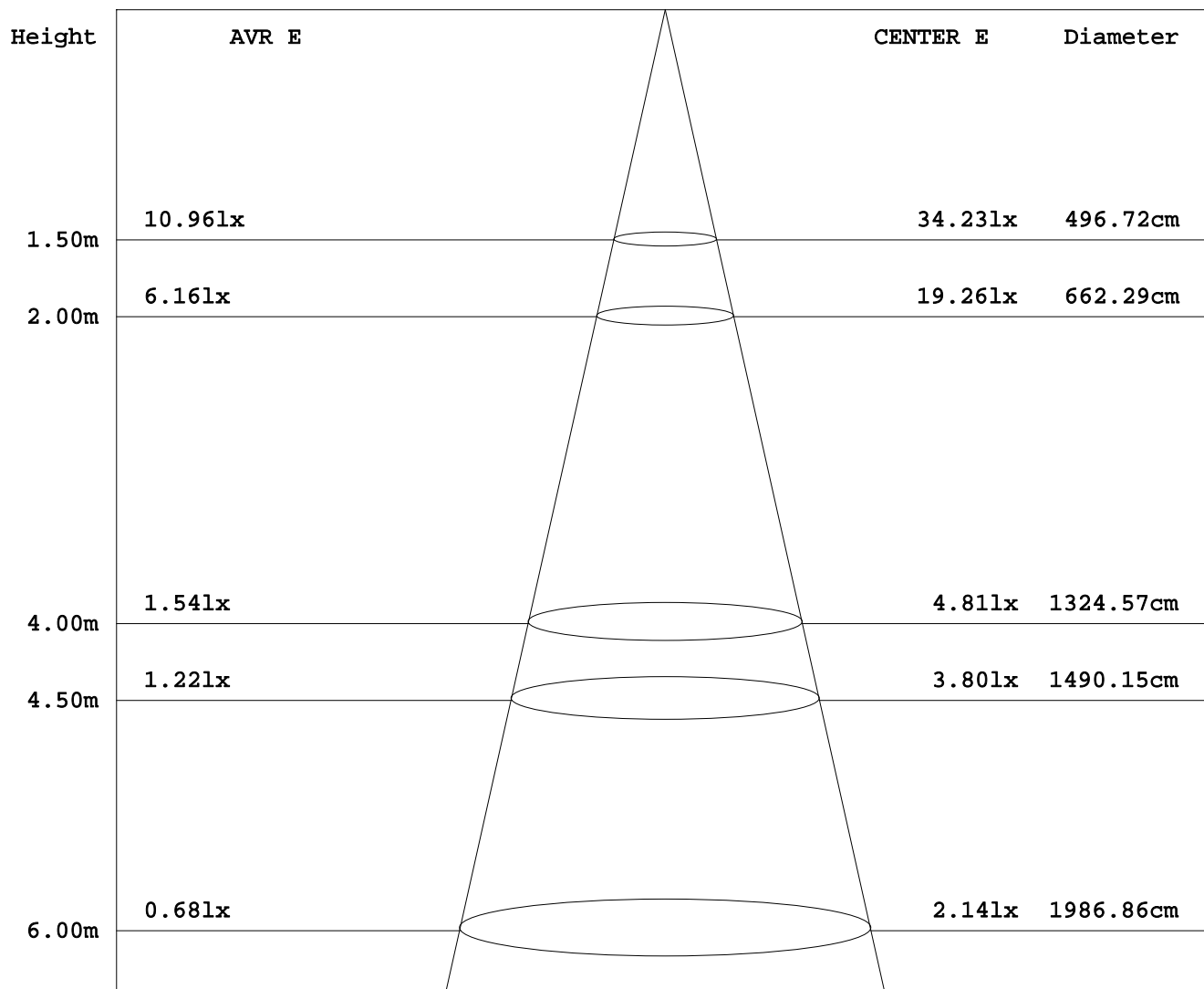
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年06月26日

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: 117.7deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2025年06月26日

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	77.09	81.80	82.56	80.87	76.54	81.09	81.60	80.54	0- 10	7.718	7.718
20.0	73.48	79.10	82.49	78.53	68.50	78.08	80.96	77.67	10- 20	22.40	30.12
30.0	67.42	75.05	81.63	75.07	62.77	74.21	80.22	73.84	20- 30	35.10	65.22
40.0	59.23	70.28	79.96	70.97	56.00	70.14	79.74	69.88	30- 40	45.15	110.3
50.0	49.22	64.65	77.35	66.01	48.41	66.21	79.36	65.76	40- 50	52.18	162.5
60.0	37.65	58.41	73.93	59.96	36.91	61.86	78.99	61.65	50- 60	55.71	218.2
70.0	24.85	51.96	69.65	53.48	24.14	57.61	78.95	58.15	60- 70	55.86	274.1
80.0	12.27	45.19	64.33	46.75	11.72	53.63	78.95	54.97	70- 80	53.24	327.3
90.0	3.125	37.71	57.30	40.01	2.641	49.95	77.58	50.02	80- 90	48.40	375.7
100.0	1.376	19.27	42.60	23.08	0.372	34.66	65.82	20.20	90-100	33.98	409.7
110.0	1.153	5.823	21.61	12.78	0.372	25.69	52.13	3.962	100-110	21.20	430.9
120.0	1.004	1.209	0.447	3.274	0.372	15.92	33.89	1.209	110-120	9.816	440.8
130.0	0.893	0.967	0.409	1.227	0.409	8.837	18.23	0.856	120-130	4.528	445.3
140.0	0.781	0.837	0.409	0.930	0.409	4.279	7.851	0.763	130-140	2.116	447.4
150.0	0.744	0.744	0.409	0.819	0.447	1.860	2.939	0.707	140-150	0.912	448.3
160.0	0.670	0.688	0.447	0.763	0.447	0.819	1.525	0.670	150-160	0.412	448.7
170.0	0.670	0.633	0.484	0.726	0.484	0.651	1.265	0.651	160-170	0.202	448.9
180.0	0.595	0.614	0.521	0.688	0.595	0.614	1.041	0.651	170-180	0.064	449.0
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2025年06月26日

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

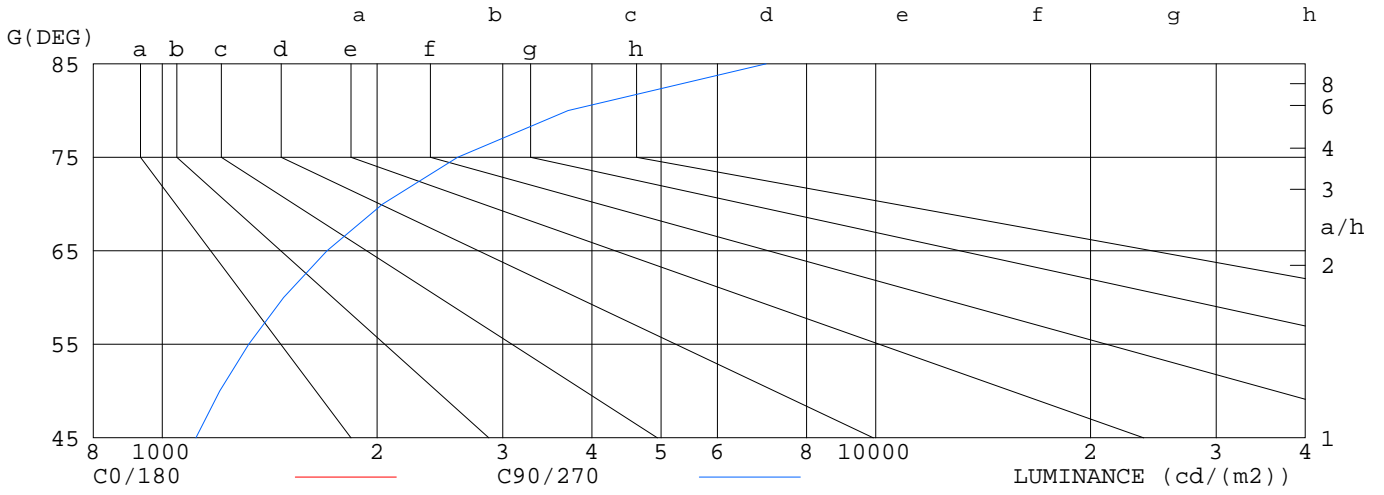
LUMINANCE LIMITATION CURVES

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	794	7019
80	707	3705
75	710	2594
70	727	2037
65	740	1701
60	753	1479
55	759	1321
50	766	1204
45	774	1115

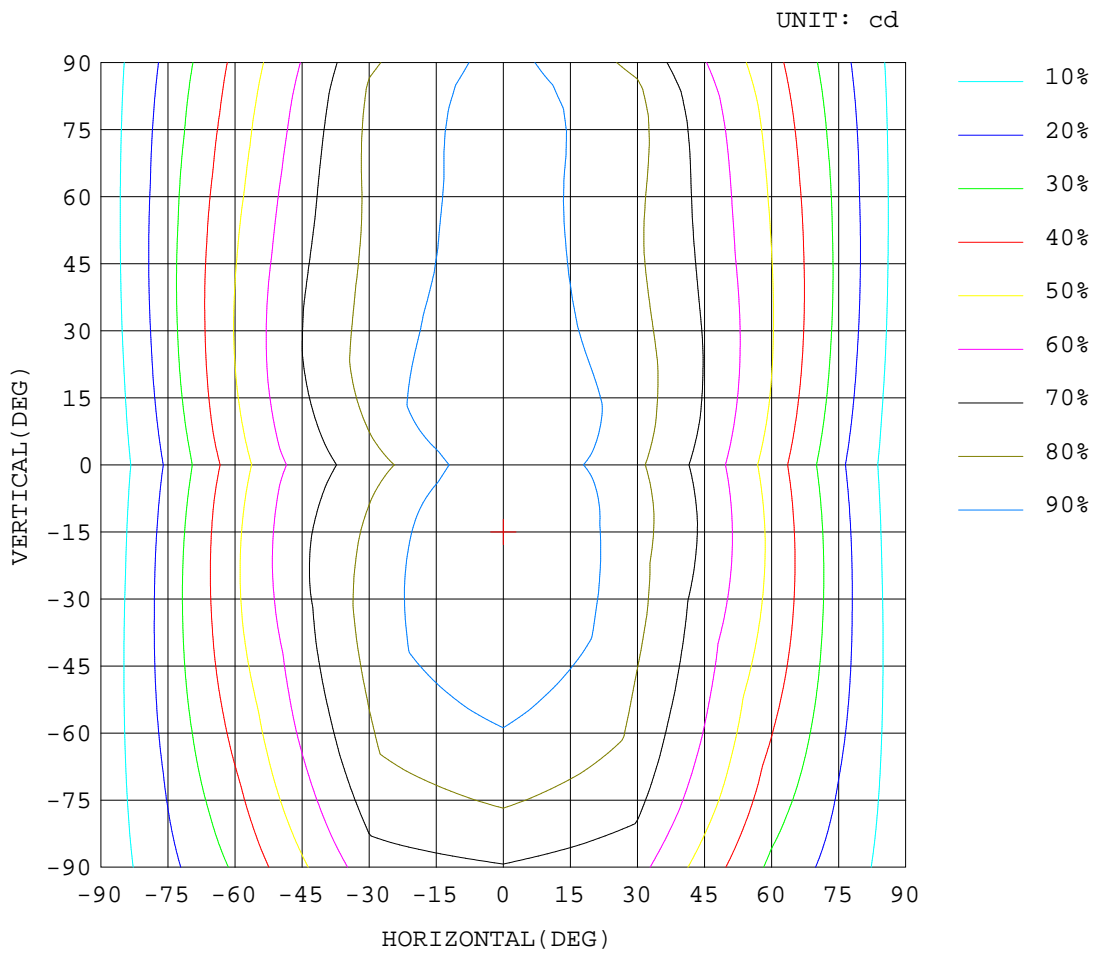
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025年06月26日

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.:



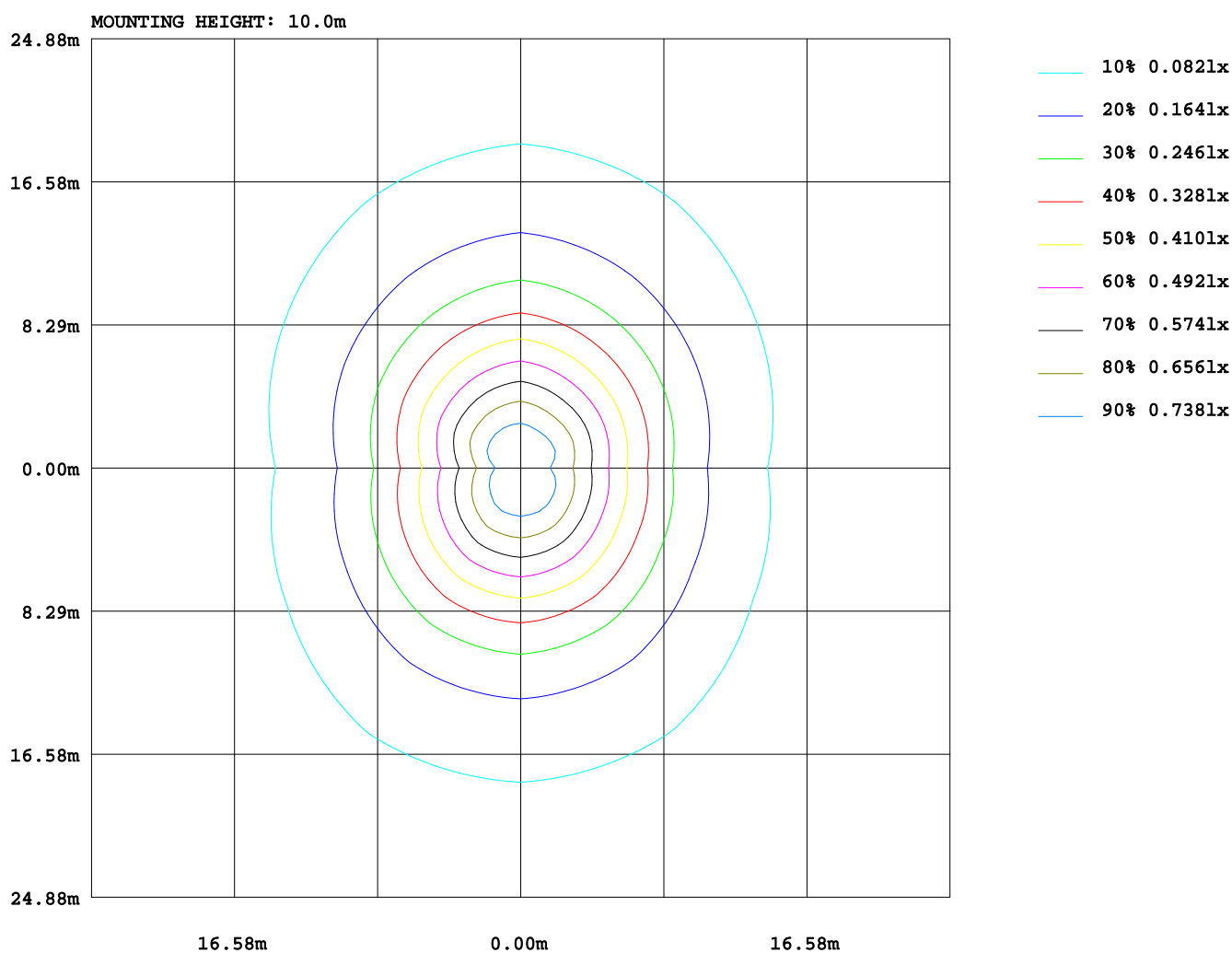
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年06月26日

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:2025年06月26日

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	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	20.6	19.4
VERTICAL(DEG)	90	0.03	0.16	0.40	0.72	1.10	1.53	1.88	2.13	2.31	2.31	2.13	1.89	1.53	1.12	0.74	0.41	0.16	0.03	20.6	19.4	
	80	0.03	0.17	0.41	0.75	1.14	1.56	1.92	2.16	2.33	2.34	2.17	1.94	1.59	1.16	0.77	0.43	0.17	0.03	21.1	19.8	
	70	0.03	0.17	0.43	0.77	1.16	1.57	1.93	2.16	2.34	2.34	2.17	1.94	1.59	1.18	0.79	0.45	0.18	0.03	21.2	19.9	
	60	0.03	0.18	0.44	0.79	1.19	1.58	1.93	2.17	2.34	2.34	2.17	1.93	1.58	1.19	0.81	0.46	0.19	0.03	21.3	20.0	
	50	0.03	0.18	0.45	0.81	1.21	1.60	1.93	2.18	2.36	2.35	2.17	1.92	1.59	1.20	0.82	0.46	0.19	0.03	21.5	20.2	
	40	0.03	0.18	0.46	0.83	1.23	1.62	1.95	2.21	2.37	2.37	2.19	1.94	1.61	1.22	0.83	0.47	0.19	0.03	21.7	20.4	
	30	0.03	0.18	0.46	0.83	1.24	1.63	1.97	2.24	2.40	2.39	2.22	1.97	1.63	1.23	0.83	0.46	0.18	0.03	21.9	20.6	
	20	0.03	0.17	0.44	0.81	1.21	1.60	1.98	2.27	2.44	2.42	2.26	1.99	1.63	1.23	0.82	0.45	0.17	0.03	21.9	20.7	
	10	0.02	0.15	0.42	0.78	1.16	1.53	1.88	2.21	2.44	2.43	2.26	1.97	1.61	1.20	0.79	0.42	0.16	0.02	21.5	20.3	
	0	0.02	0.15	0.41	0.77	1.15	1.52	1.87	2.19	2.44	2.46	2.27	1.97	1.60	1.19	0.78	0.42	0.16	0.02	21.4	20.2	
	-10	0.02	0.16	0.43	0.80	1.20	1.59	1.95	2.28	2.48	2.48	2.30	1.99	1.61	1.20	0.79	0.43	0.16	0.03	21.9	20.7	
	-20	0.03	0.17	0.44	0.80	1.21	1.61	1.99	2.31	2.46	2.45	2.29	1.98	1.60	1.19	0.79	0.43	0.17	0.03	21.9	20.7	
	-30	0.03	0.17	0.43	0.79	1.19	1.61	1.99	2.27	2.42	2.41	2.25	1.96	1.58	1.15	0.77	0.42	0.17	0.03	21.6	20.4	
	-40	0.03	0.16	0.42	0.76	1.15	1.58	1.96	2.21	2.35	2.34	2.18	1.92	1.54	1.12	0.73	0.41	0.16	0.03	21.1	19.8	
	-50	0.03	0.16	0.40	0.72	1.11	1.53	1.91	2.13	2.26	2.25	2.10	1.87	1.49	1.08	0.69	0.38	0.15	0.03	20.3	19.2	
	-60	0.03	0.15	0.37	0.68	1.06	1.47	1.83	2.02	2.15	2.14	2.00	1.80	1.44	1.03	0.65	0.35	0.14	0.02	19.3	18.3	
-70	0.02	0.14	0.34	0.63	1.00	1.39	1.72	1.89	2.00	2.00	1.87	1.69	1.36	0.96	0.60	0.32	0.13	0.02	18.1	17.1		
-80	0.02	0.12	0.31	0.57	0.91	1.29	1.58	1.73	1.82	1.82	1.70	1.54	1.25	0.87	0.53	0.28	0.11	0.02	16.5	15.6		
-90																						
		-90	-80	-70	-60	-50	-40	-30	-20	20	30	40	50	60	70	80	90					
Φ t	0.47	2.90	7.46	13.6	20.6	27.8	34.2	38.8	41.8	41.7	38.7	34.3	27.9	20.6	13.5	7.45	2.94	0.49	449			
Φ a	0.00	0.00	0.00	13.6	20.6	27.8	34.2	38.8	41.8	41.7	38.7	34.3	27.9	20.6	13.5	0.00	0.00	0.00		218		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2025年06月26日

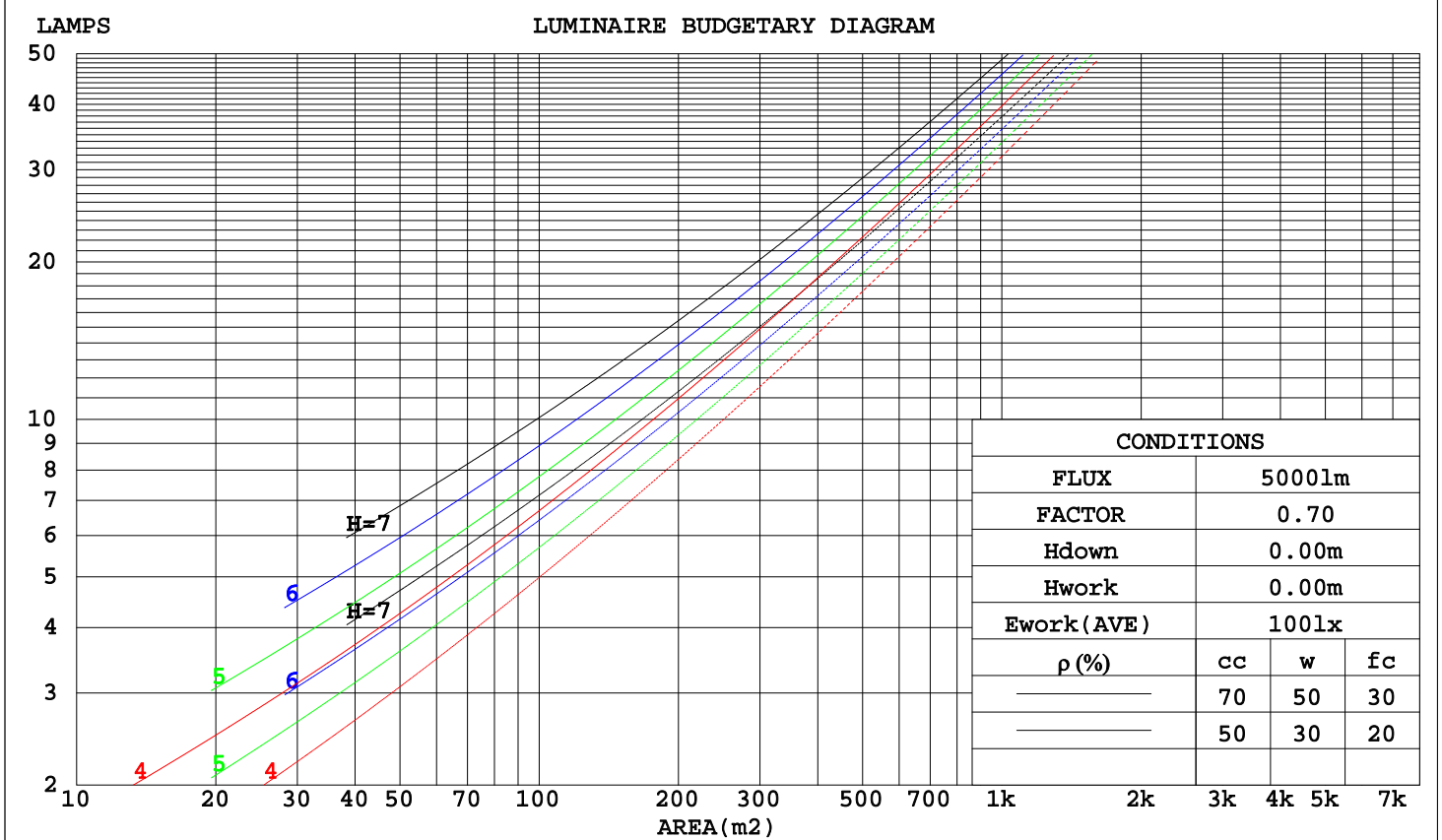
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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	1.11	1.11	1.11	1.02	1.02	1.02	.94	.94	.94	.87	.87	.87	.84
1.0	.93	.87	.82	.89	.84	.79	.82	.78	.74	.75	.72	.68	.69	.66	.63	.60
2.0	.79	.70	.63	.76	.68	.61	.69	.63	.57	.63	.58	.53	.58	.54	.50	.46
3.0	.68	.58	.51	.65	.56	.49	.60	.52	.46	.54	.48	.43	.50	.45	.40	.37
4.0	.59	.49	.42	.57	.48	.40	.52	.44	.38	.48	.41	.36	.44	.38	.34	.31
5.0	.52	.42	.35	.50	.41	.34	.46	.38	.32	.42	.36	.30	.39	.33	.29	.26
6.0	.47	.37	.30	.45	.36	.29	.41	.34	.28	.38	.31	.26	.35	.29	.25	.22
7.0	.42	.33	.26	.41	.32	.25	.37	.30	.24	.35	.28	.23	.32	.26	.22	.19
8.0	.38	.29	.23	.37	.28	.22	.34	.27	.21	.32	.25	.20	.29	.23	.19	.17
9.0	.35	.26	.20	.34	.26	.20	.31	.24	.19	.29	.23	.18	.27	.21	.17	.15
10.0	.32	.24	.18	.31	.23	.18	.29	.22	.17	.27	.21	.16	.25	.19	.15	.13



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2025年06月26日

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	.435	.247	.078	.422	.241	.076	.399	.229	.073	.378	.218	.070	.358	.208	.067	
2.0	.364	.200	.061	.353	.195	.060	.332	.185	.057	.313	.176	.055	.295	.167	.053	
3.0	.318	.169	.051	.308	.165	.050	.289	.157	.048	.271	.149	.046	.255	.141	.044	
4.0	.283	.147	.043	.274	.143	.042	.256	.136	.041	.241	.129	.039	.226	.123	.037	
5.0	.255	.130	.038	.246	.127	.037	.231	.120	.035	.216	.114	.034	.203	.108	.033	
6.0	.232	.116	.033	.224	.113	.033	.210	.108	.031	.197	.102	.030	.185	.097	.029	
7.0	.213	.105	.030	.206	.103	.029	.193	.098	.028	.181	.093	.027	.170	.088	.026	
8.0	.196	.096	.027	.190	.094	.026	.178	.089	.025	.167	.085	.024	.157	.081	.023	
9.0	.182	.088	.025	.177	.086	.024	.166	.082	.023	.156	.078	.022	.146	.074	.021	
10.0	.170	.082	.023	.165	.080	.022	.155	.076	.021	.146	.072	.021	.137	.069	.020	

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																
1.0	.315	.315	.315	.269	.269	.269	.184	.184	.184	.105	.105	.105	.034	.034	.034	
2.0	.314	.280	.250	.269	.241	.215	.184	.166	.149	.106	.096	.086	.034	.031	.028	
3.0	.308	.258	.215	.264	.222	.186	.181	.153	.130	.104	.089	.076	.033	.029	.025	
4.0	.301	.241	.194	.258	.208	.169	.177	.145	.118	.102	.085	.070	.033	.027	.023	
5.0	.292	.229	.181	.251	.198	.157	.173	.138	.111	.100	.081	.065	.032	.026	.022	
6.0	.284	.219	.171	.244	.190	.149	.168	.133	.105	.097	.078	.062	.031	.025	.021	
7.0	.277	.211	.165	.238	.183	.143	.164	.128	.102	.095	.075	.060	.031	.025	.020	
8.0	.269	.205	.160	.232	.178	.139	.160	.125	.099	.093	.073	.059	.030	.024	.019	
9.0	.262	.199	.156	.226	.173	.136	.156	.121	.097	.091	.072	.058	.029	.023	.019	
10.0	.256	.194	.153	.220	.169	.134	.153	.119	.095	.089	.070	.057	.029	.023	.019	
10.0	.249	.190	.151	.215	.165	.132	.149	.116	.094	.087	.069	.056	.028	.023	.019	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2025年06月26日

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		10.5	11.9	11.0	12.4	13.0	13.3	14.7	13.8	15.2	15.8
	3H	12.2	13.6	12.7	14.1	14.7	16.3	17.7	16.8	18.2	18.8
	4H	13.0	14.3	13.5	14.8	15.4	18.0	19.3	18.5	19.8	20.4
	6H	13.6	14.8	14.2	15.4	16.0	19.9	21.1	20.4	21.7	22.3
	8H	13.8	15.0	14.4	15.6	16.2	20.9	22.1	21.5	22.7	23.3
	12H	14.0	15.2	14.6	15.7	16.4	22.1	23.3	22.7	23.8	24.5
	4H 2H	11.9	13.2	12.4	13.7	14.3	13.9	15.2	14.4	15.7	16.3
	3H	13.9	15.0	14.5	15.6	16.3	17.2	18.3	17.8	18.9	19.6
	4H	14.8	15.9	15.4	16.5	17.2	19.1	20.2	19.7	20.8	21.4
	6H	15.7	16.6	16.3	17.3	18.0	21.2	22.1	21.8	22.8	23.5
	8H	16.0	16.9	16.6	17.5	18.3	22.3	23.2	23.0	23.9	24.6
	12H	16.3	17.1	17.0	17.8	18.5	23.7	24.5	24.3	25.2	25.9
	8H 4H	16.2	17.1	16.9	17.8	18.5	19.5	20.4	20.1	21.0	21.8
	6H	17.4	18.2	18.1	18.9	19.7	21.9	22.7	22.6	23.4	24.1
	8H	18.0	18.7	18.7	19.4	20.2	23.3	24.0	24.0	24.7	25.5
	12H	18.5	19.2	19.2	19.9	20.7	25.0	25.6	25.7	26.3	27.1
	12H 4H	16.7	17.6	17.4	18.2	19.0	19.5	20.3	20.2	21.0	21.8
	6H	18.2	18.9	18.9	19.6	20.4	22.1	22.8	22.7	23.4	24.2
	8H	18.9	19.6	19.6	20.3	21.1	23.6	24.2	24.3	24.9	25.7
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		+ 0.2 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 449.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.8)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2025年06月26日

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	25	44	32	25	43	31	25	18
0.80	54	41	32	53	40	32	50	39	31	23
1.00	62	48	39	60	47	39	57	48	38	29
1.25	69	55	46	67	54	45	62	52	44	34
1.50	74	61	51	71	59	50	67	56	49	38
2.00	81	69	60	78	67	59	73	64	56	45
2.50	86	75	66	83	72	64	77	68	61	49
3.00	90	80	71	86	77	69	80	72	66	53
4.00	95	86	79	91	83	76	84	78	72	58
5.00	98	90	84	94	87	81	87	81	76	61
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

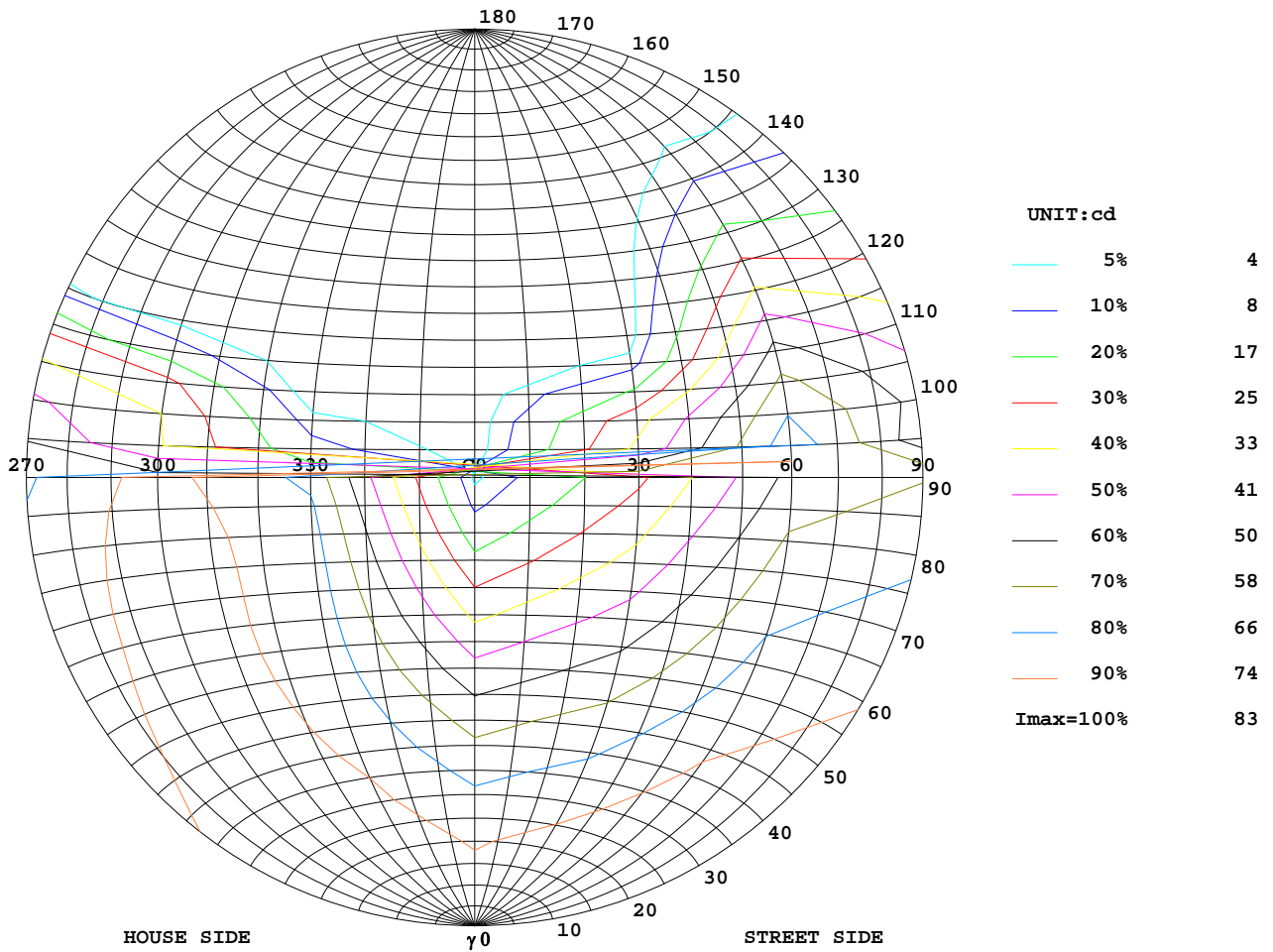
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2025年06月26日

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: 2025年06月26日

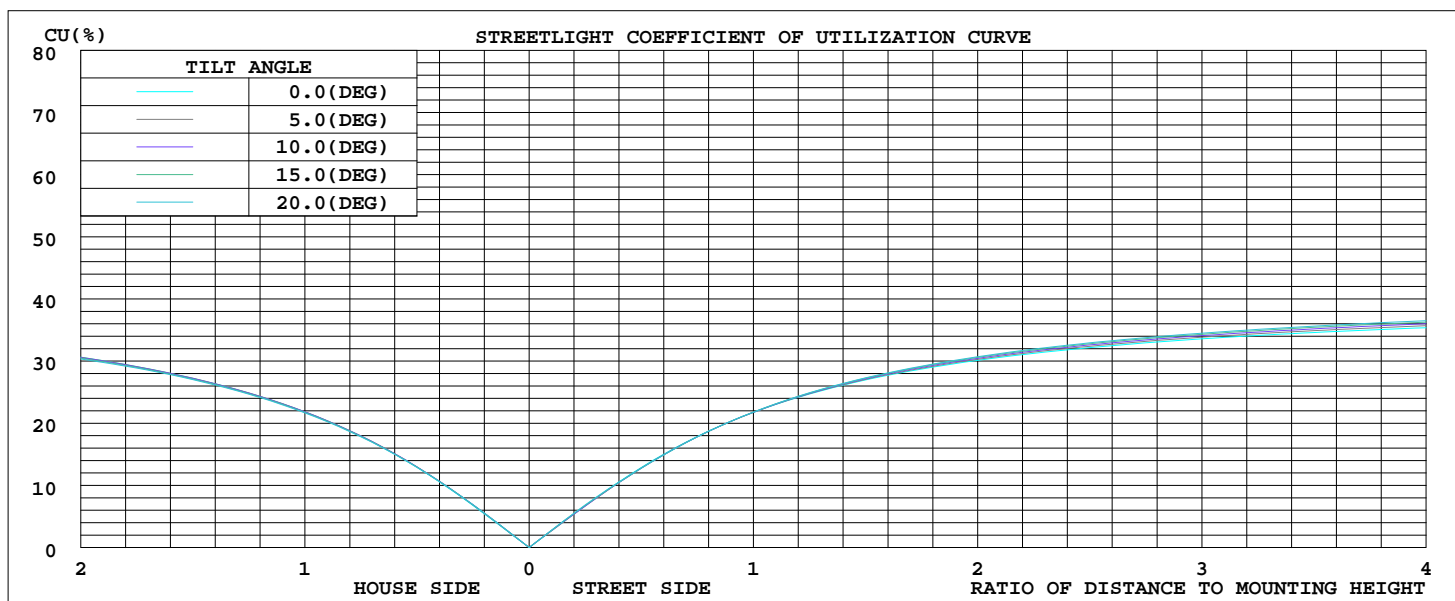
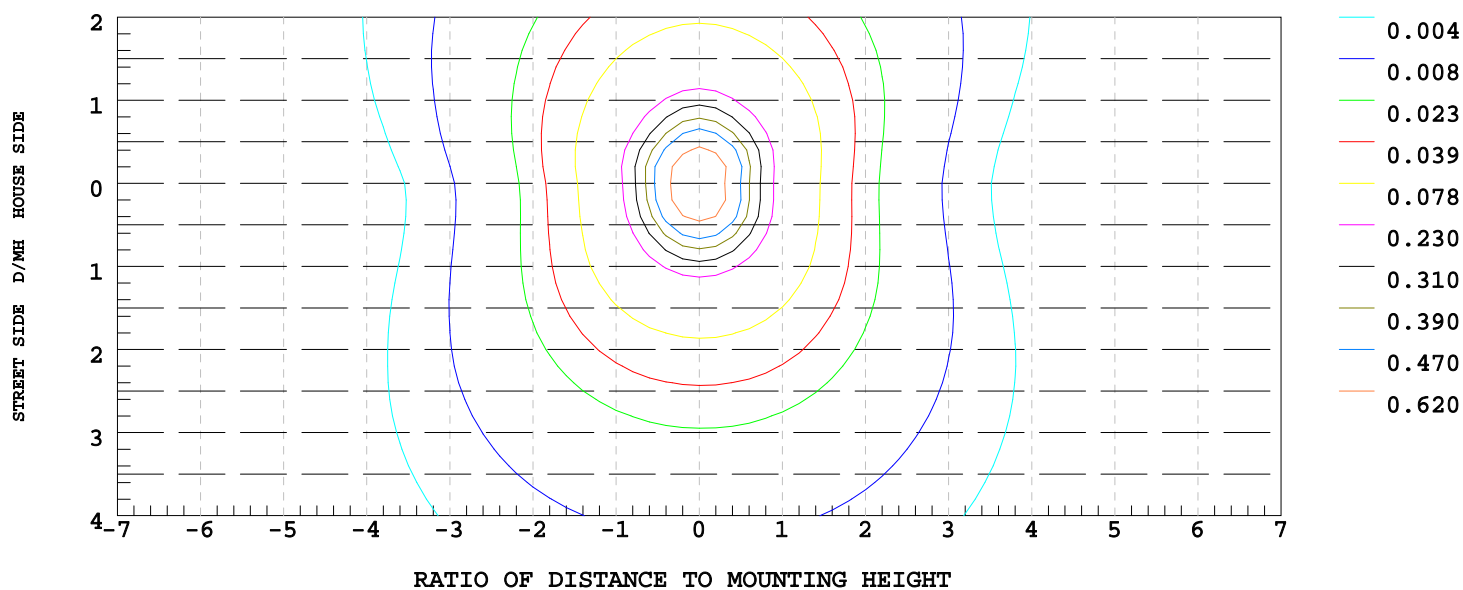
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.100 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.77 lx



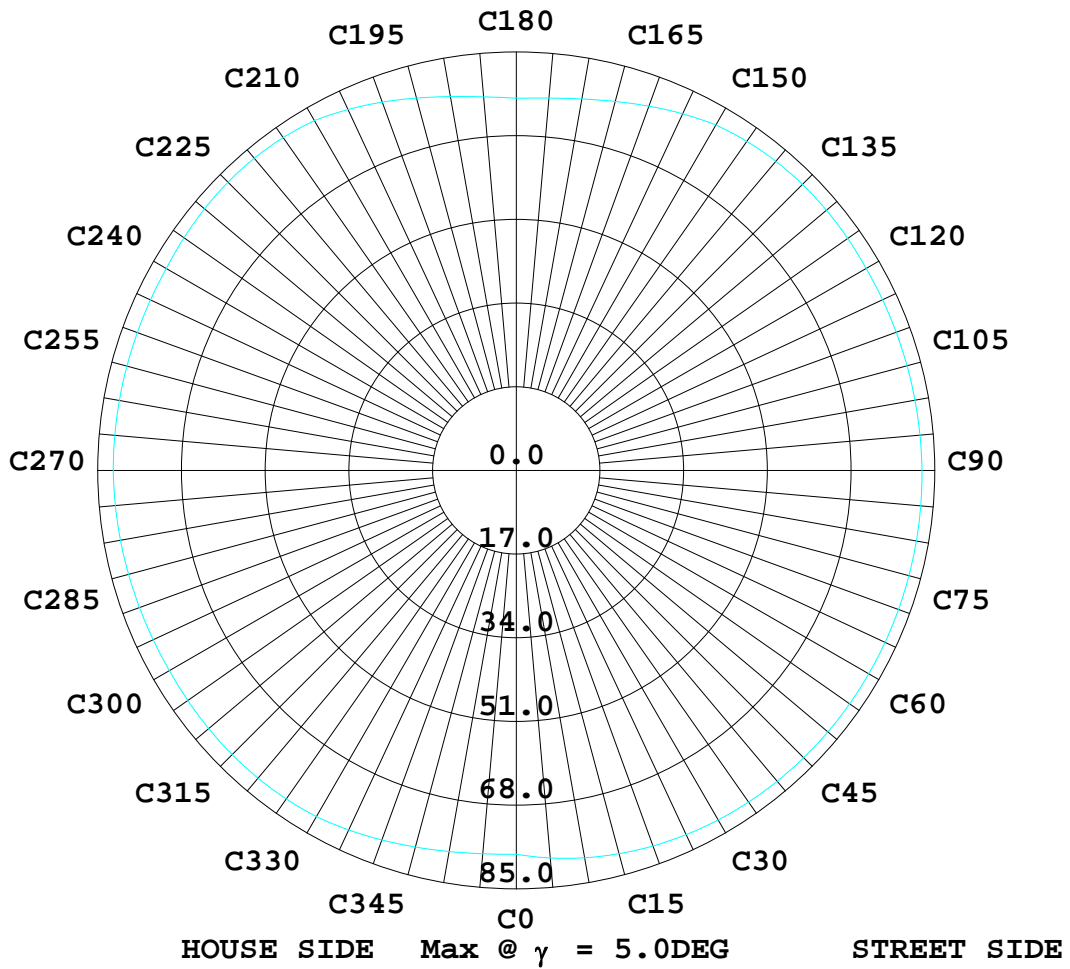
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025年06月26日

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:2025年06月26日

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	77.0	82.4	82.4	82.1	81.7	81.4	77.0	82.4	82.4	82.1	81.7	81.4
5.0	77.9	81.9	82.6	82.3	82.0	81.0	75.6	82.0	82.0	81.8	81.3	81.1
10.0	77.0	81.0	82.6	82.5	82.1	79.6	76.5	80.6	81.5	81.6	80.6	80.4
15.0	75.6	79.2	82.0	82.6	82.0	77.6	71.3	78.8	80.6	81.3	79.5	79.1
20.0	73.4	77.0	81.1	82.4	81.4	75.5	68.5	76.7	79.4	80.9	78.2	77.0
25.0	70.7	74.4	79.9	82.1	80.5	73.3	65.7	74.4	77.9	80.5	76.9	74.7
30.0	67.4	71.5	78.5	81.6	79.3	70.8	62.7	71.8	76.5	80.2	75.5	72.1
35.0	63.6	68.6	76.9	80.8	77.9	68.2	59.3	69.2	75.0	79.9	74.3	69.3
40.0	59.2	65.2	75.3	79.9	76.3	65.6	56.0	66.4	73.7	79.7	73.1	66.6
45.0	54.7	61.6	73.6	78.8	74.7	62.6	52.2	63.7	72.5	79.5	72.1	63.5
50.0	49.2	57.5	71.7	77.3	73.0	58.9	48.4	60.8	71.5	79.3	71.2	60.2
55.0	43.5	53.1	69.8	75.7	71.2	54.8	42.8	57.3	70.8	79.1	70.5	56.7
60.0	37.6	48.8	67.9	73.9	69.3	50.5	36.9	53.5	70.2	78.9	70.1	53.2
65.0	31.2	44.3	65.9	71.8	67.3	46.1	31.1	49.6	69.6	78.8	69.8	49.7
70.0	24.8	40.0	63.8	69.6	65.1	41.8	24.1	45.9	69.2	78.9	69.7	46.5
75.0	18.3	35.6	61.4	67.1	62.6	37.5	17.7	42.4	68.6	78.9	69.5	43.6
80.0	12.2	31.5	58.7	64.3	59.9	33.5	11.7	39.4	67.8	78.9	68.9	41.0
85.0	6.92	27.2	55.6	61.1	57.2	29.6	6.47	36.9	66.8	78.5	67.3	38.6
90.0	3.12	23.0	52.3	57.3	54.1	25.9	2.64	34.9	65.0	77.5	64.0	36.0
95.0	1.56	10.6	33.7	48.9	34.4	15.7	0.82	29.5	44.6	71.1	34.9	20.8
100.0	1.37	5.50	33.0	42.6	34.3	11.8	0.37	22.1	47.1	65.8	30.2	10.1
105.0	1.26	0.33	27.2	33.8	30.3	6.10	0.37	18.7	43.0	59.8	17.3	3.53
110.0	1.15	0.33	11.3	21.6	23.0	2.49	0.37	14.3	37.0	52.1	5.65	2.26
115.0	1.07	0.33	2.67	4.61	13.2	0.97	0.33	10.9	30.3	43.2	1.56	1.74
120.0	1.00	0.33	2.08	0.45	6.10	0.45	0.37	8.22	23.6	33.8	0.89	1.52
125.0	0.93	0.33	1.82	0.45	3.42	0.41	0.37	6.13	17.9	25.4	0.60	1.33
130.0	0.89	0.33	1.60	0.41	2.08	0.37	0.41	4.46	13.2	18.2	0.48	1.22
135.0	0.82	0.33	1.45	0.41	1.60	0.41	0.41	3.31	9.11	12.3	0.45	1.11
140.0	0.78	0.33	1.33	0.41	1.45	0.41	0.41	2.49	6.06	7.85	0.48	1.04
145.0	0.74	0.33	1.22	0.41	1.30	0.41	0.45	1.86	3.72	4.65	0.48	1.00
150.0	0.74	0.33	1.15	0.41	1.22	0.41	0.45	1.45	2.26	2.93	0.48	0.93
155.0	0.71	0.37	1.07	0.45	1.11	0.45	0.45	1.15	1.22	1.93	0.48	0.89
160.0	0.67	0.37	1.00	0.45	1.07	0.45	0.45	0.97	0.67	1.52	0.48	0.86
165.0	0.67	0.37	0.93	0.45	1.00	0.45	0.48	0.93	0.45	1.37	0.48	0.82
170.0	0.67	0.37	0.89	0.48	0.97	0.48	0.48	0.86	0.45	1.26	0.52	0.78
175.0	0.63	0.37	0.86	0.48	0.89	0.48	0.48	0.82	0.45	1.19	0.52	0.74
180.0	0.60	0.41	0.82	0.52	0.82	0.56	0.60	0.74	0.48	1.04	0.60	0.71

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2025年06月26日

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