

# LUMINAIRE PHOTOMETRIC TEST REPORT

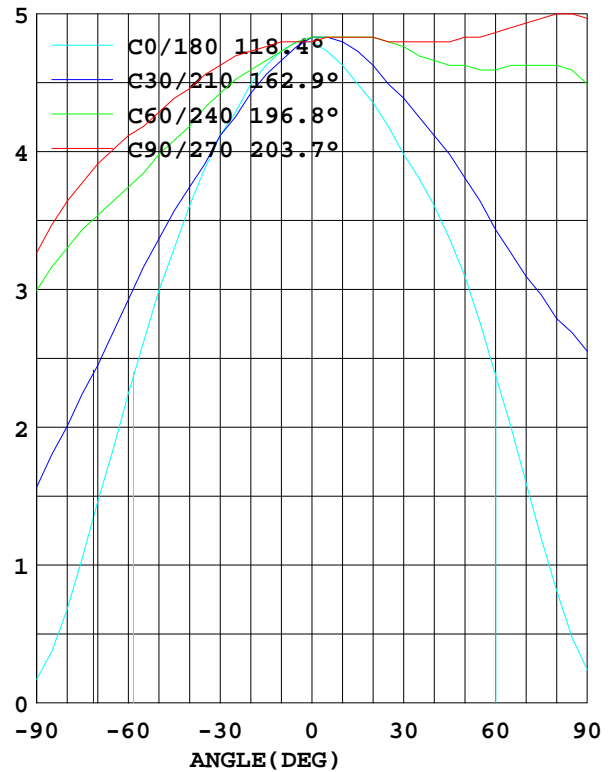
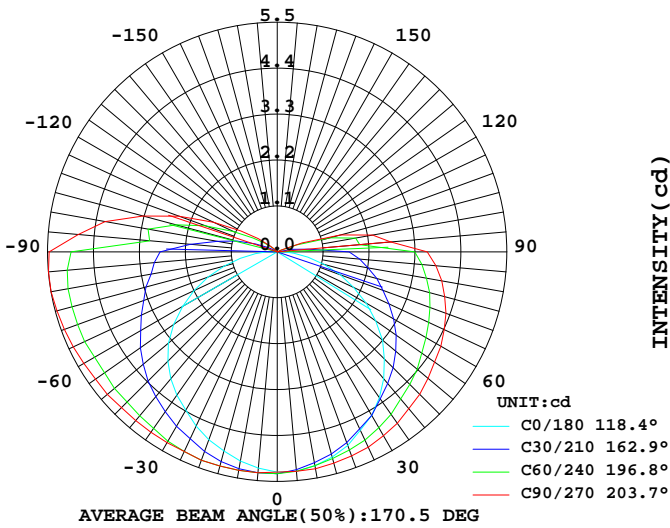
Report number:

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

DATA OF LAMP		Imax(cd)	5.469	S/MH(C0/180)	1.28
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.46
NOMINAL POWER(W)	5	TOTAL FLUX(lm)	28.262	Voltage(V)	24.21
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	5.2	Current(A)	0.222
NOMINAL FLUX(lm)	28.3	$\eta$ up(%)	13.3	Power(W)	5.400
LAMPS QUANTITY	1	$\eta$ down(%)	86.7	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.2	Effective Flux(lm)	14.1	EEL	1.351

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025年06月27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.:

---

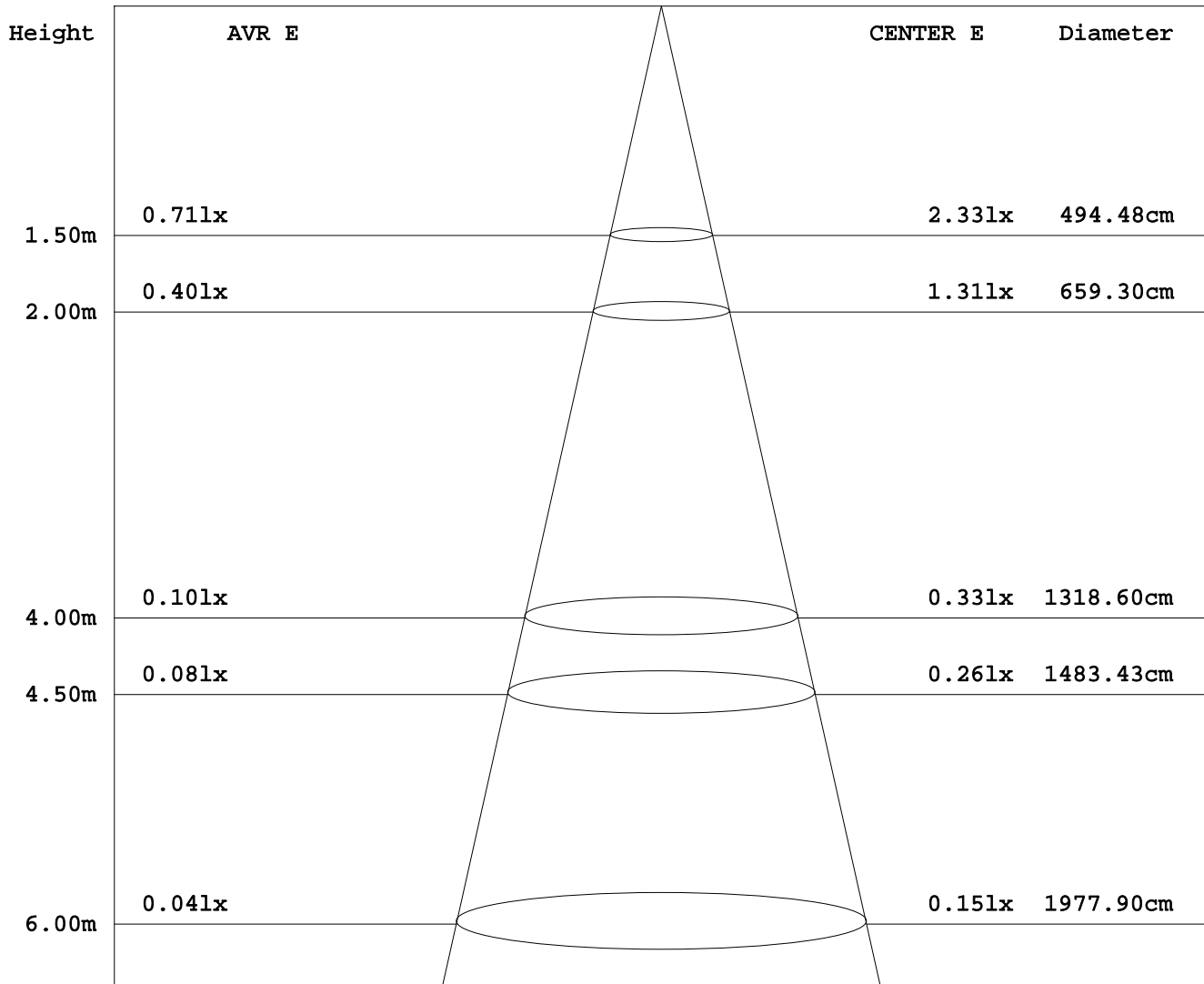
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2025年06月27日

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: 117.5deg

Test System: HOPOO HPG1800  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2025年06月27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	5.172	5.134	5.246	5.172	5.060	5.265	5.283	5.172	0- 10	0.499	0.499
20.0	4.911	4.930	5.172	4.986	4.762	5.172	5.283	4.967	10- 20	1.446	1.944
30.0	4.502	4.669	5.060	4.744	4.353	5.004	5.246	4.744	20- 30	2.268	4.212
40.0	3.944	4.334	4.874	4.446	3.944	4.800	5.246	4.502	30- 40	2.920	7.133
50.0	3.274	4.018	4.688	4.037	3.386	4.614	5.283	4.241	40- 50	3.376	10.50
60.0	2.455	3.646	4.502	3.590	2.604	4.390	5.321	3.981	50- 60	3.607	14.11
70.0	1.600	3.274	4.279	3.144	1.748	4.223	5.395	3.758	60- 70	3.635	17.75
80.0	0.744	2.902	3.981	2.716	0.893	4.055	5.469	3.590	70- 80	3.503	21.25
90.0	0.186	2.493	3.572	2.269	0.260	3.851	5.432	3.367	80- 90	3.233	24.48
100.0	0	1.134	2.307	1.134	0	2.288	4.167	1.507	90-100	2.164	26.65
110.0	0	0.242	0.633	0.335	0	1.190	2.493	0.521	100-110	1.158	27.81
120.0	0	0.019	0	0.019	0	0.391	1.004	0.056	110-120	0.358	28.17
130.0	0	0	0	0	0	0.074	0.223	0	120-130	0.081	28.25
140.0	0	0	0	0	0	0	0.037	0	130-140	0.010	28.26
150.0	0	0	0	0	0	0	0	0	140-150	0.001	28.26
160.0	0	0	0	0	0	0	0	0	150-160	0	28.26
170.0	0	0	0	0	0	0	0	0	160-170	0	28.26
180.0	0	0	0	0	0	0	0	0	170-180	0	28.26
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025年06月27日

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

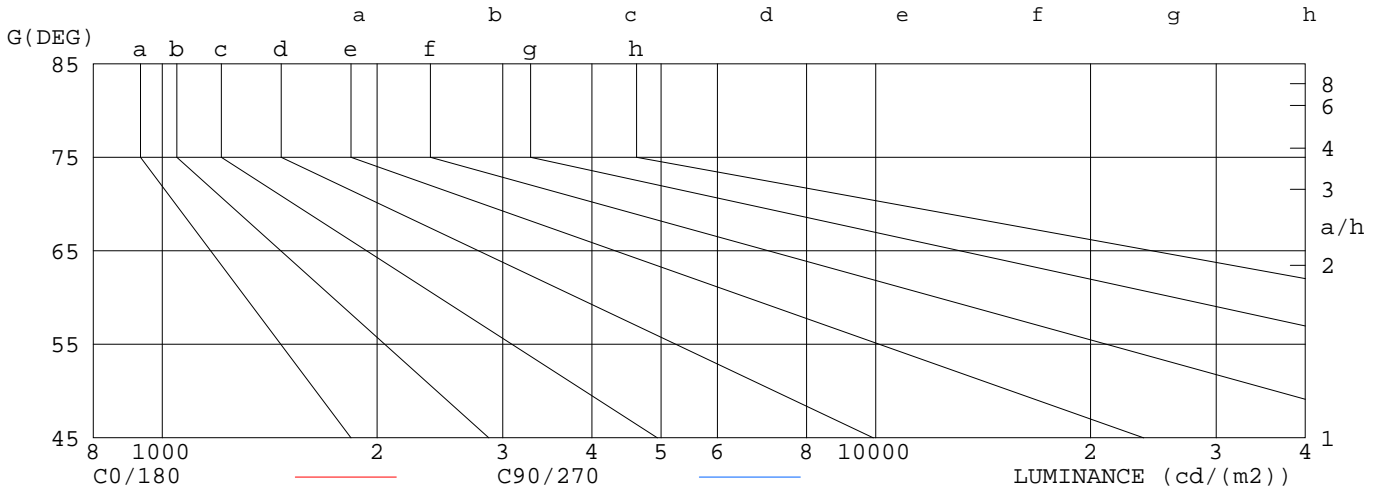
# LUMINANCE LIMITATION CURVES

Report number:

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

## 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	47	435
80	43	229
75	45	160
70	47	125
65	48	104
60	49	90
55	50	80
50	51	73
45	51	68

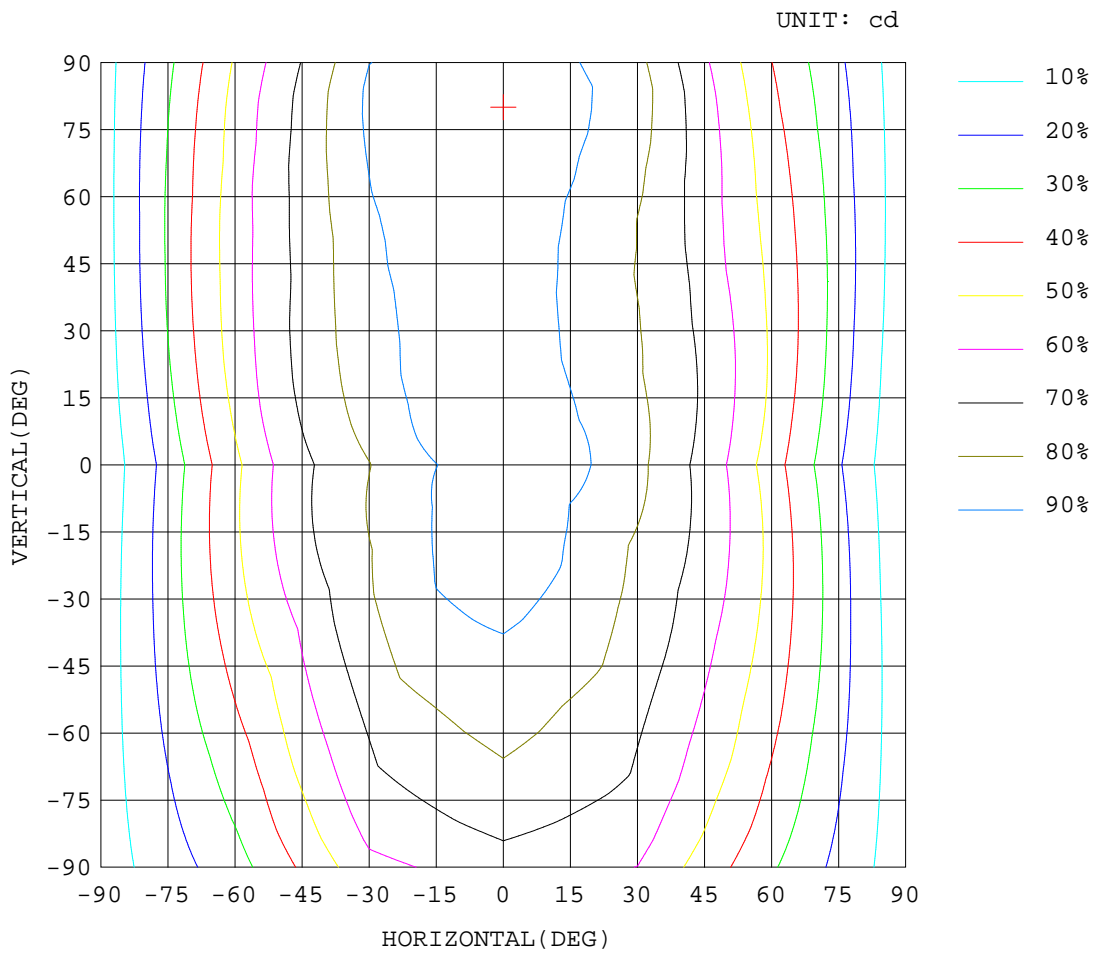
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2025年06月27日

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.:



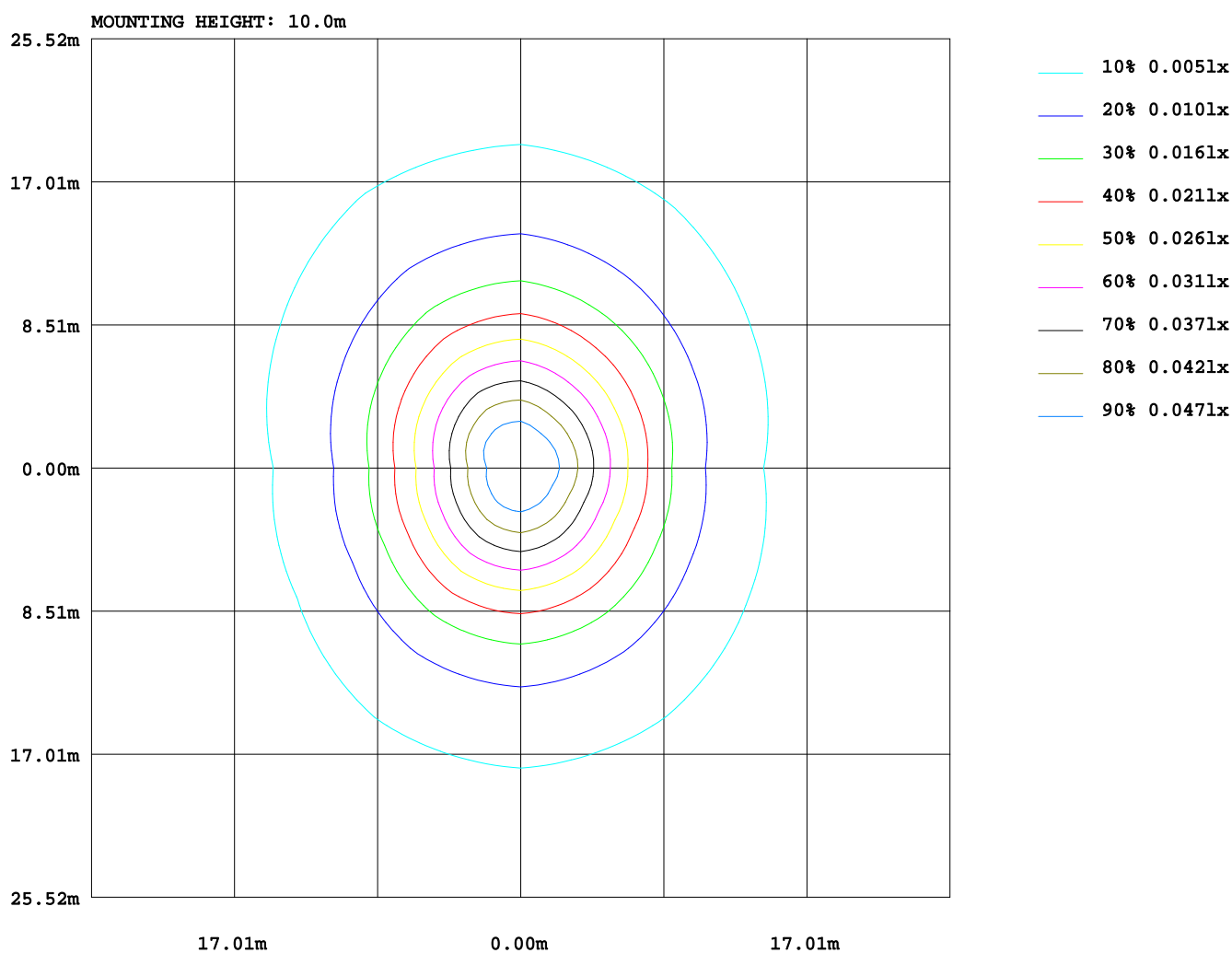
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2025年06月27日

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27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.:				

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	0.01	0.03	0.06	0.08	0.12	0.14	0.15	0.16	0.16	0.15	0.13	0.11	0.07	0.05	0.02	0.01	0.00	1.46	1.38	
80	0.00	0.01	0.03	0.06	0.09	0.12	0.14	0.15	0.16	0.16	0.15	0.13	0.11	0.08	0.05	0.03	0.01	0.00	1.47	1.38	
70	0.00	0.01	0.03	0.06	0.09	0.12	0.14	0.15	0.16	0.16	0.15	0.13	0.10	0.08	0.05	0.03	0.01	0.00	1.46	1.37	
60	0.00	0.01	0.03	0.06	0.09	0.11	0.14	0.15	0.16	0.16	0.14	0.13	0.10	0.08	0.05	0.03	0.01	0.00	1.45	1.36	
50	0.00	0.01	0.03	0.06	0.09	0.11	0.14	0.15	0.16	0.16	0.14	0.13	0.10	0.08	0.05	0.03	0.01	0.00	1.44	1.35	
40	0.00	0.01	0.03	0.06	0.09	0.11	0.13	0.15	0.16	0.16	0.14	0.13	0.10	0.08	0.05	0.03	0.01	0.00	1.45	1.35	
30	0.00	0.01	0.03	0.06	0.09	0.11	0.13	0.15	0.16	0.16	0.14	0.13	0.11	0.08	0.05	0.03	0.01	0.00	1.45	1.36	
20	0.00	0.01	0.03	0.06	0.08	0.11	0.13	0.15	0.16	0.16	0.15	0.13	0.11	0.08	0.05	0.03	0.01	0.00	1.45	1.36	
10	0.00	0.01	0.03	0.05	0.08	0.11	0.13	0.15	0.16	0.16	0.15	0.13	0.11	0.08	0.05	0.03	0.01	0.00	1.43	1.34	
0	0.00	0.01	0.03	0.05	0.08	0.10	0.13	0.15	0.16	0.16	0.15	0.13	0.11	0.08	0.05	0.03	0.01	0.00	1.41	1.33	
-10	0.00	0.01	0.03	0.05	0.08	0.10	0.13	0.15	0.16	0.16	0.14	0.13	0.10	0.08	0.05	0.03	0.01	0.00	1.40	1.32	
-20	0.00	0.01	0.03	0.05	0.08	0.10	0.13	0.14	0.15	0.15	0.14	0.12	0.10	0.08	0.05	0.03	0.01	0.00	1.38	1.30	
-30	0.00	0.01	0.03	0.05	0.07	0.10	0.12	0.14	0.15	0.15	0.14	0.12	0.10	0.07	0.05	0.03	0.01	0.00	1.34	1.26	
-40	0.00	0.01	0.03	0.05	0.07	0.10	0.12	0.13	0.14	0.14	0.13	0.12	0.10	0.07	0.05	0.03	0.01	0.00	1.29	1.21	
-50	0.00	0.01	0.02	0.04	0.07	0.09	0.11	0.13	0.14	0.14	0.13	0.11	0.09	0.07	0.05	0.03	0.01	0.00	1.23	1.16	
-60	0.00	0.01	0.02	0.04	0.06	0.09	0.11	0.12	0.13	0.13	0.12	0.11	0.09	0.07	0.04	0.02	0.01	0.00	1.17	1.11	
-70	0.00	0.01	0.02	0.04	0.06	0.08	0.10	0.11	0.12	0.12	0.12	0.10	0.08	0.06	0.04	0.02	0.01	0.00	1.10	1.04	
-80	0.00	0.01	0.02	0.03	0.05	0.08	0.09	0.10	0.11	0.11	0.11	0.10	0.08	0.06	0.04	0.02	0.01	0.00	1.01	0.96	
-90	0.00	0.01	0.02	0.03	0.05	0.08	0.09	0.10	0.11	0.11	0.11	0.10	0.08	0.06	0.04	0.02	0.01	0.00	1.01	0.96	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL( DEG)					20	30	40	50	60	70	80	90
Φ t	0.04	0.21	0.52	0.92	1.38	1.85	2.26	2.54	2.70	2.67	2.47	2.19	1.79	1.33	0.88	0.48	0.19	0.03	28		
Φ a	0.00	0.00	0.00	0.92	1.38	1.85	2.26	2.54	2.70	2.67	2.47	2.19	1.79	1.33	0.88	0.00	0.00	0.00		14	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025年06月27日

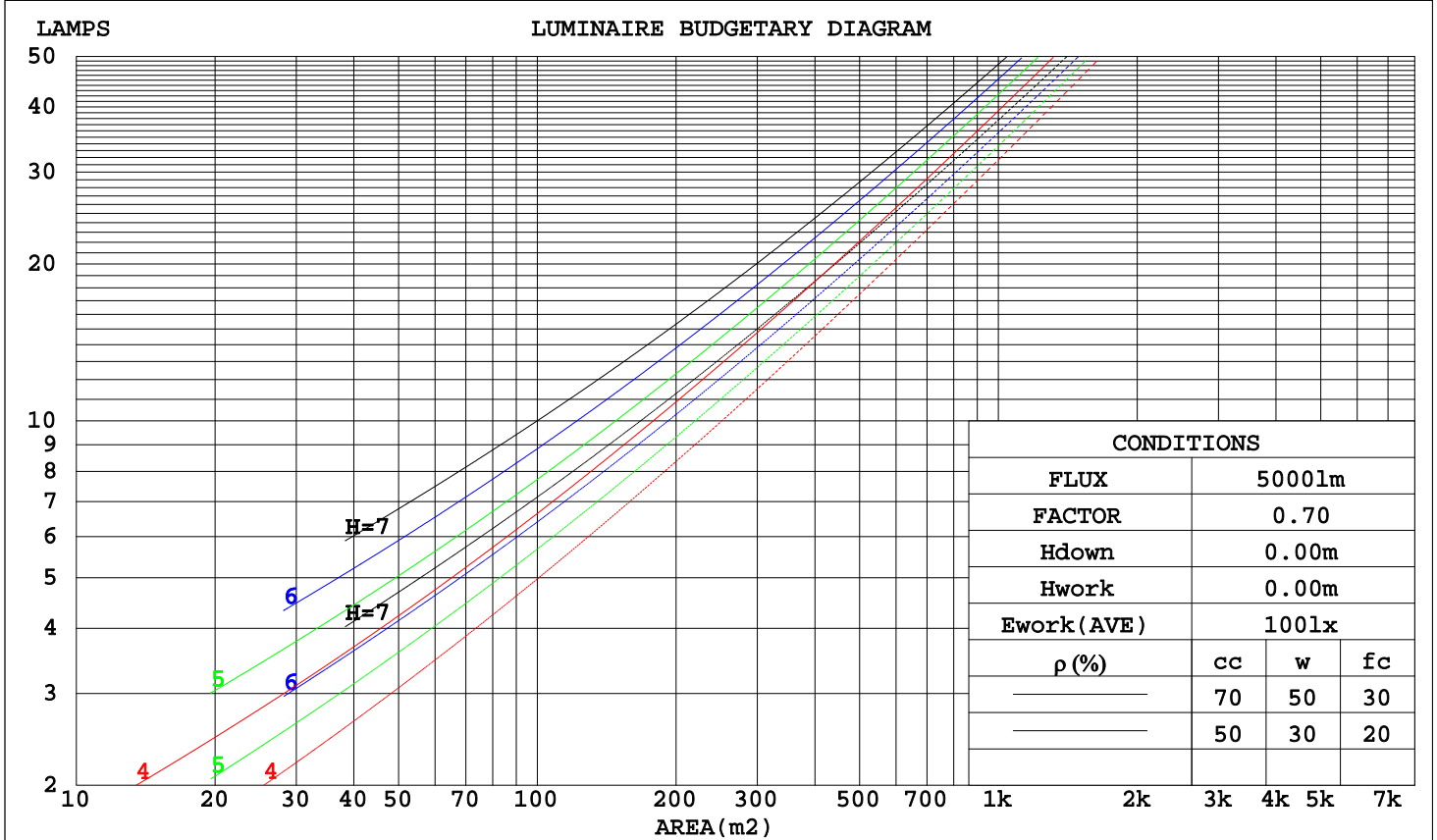
Test Set: 7.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.100 m  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

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

$\rho_{cc}$	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	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.96	.96	.96	.90	.90	.90	.87
1.0	.94	.87	.82	.90	.84	.79	.83	.78	.74	.77	.73	.70	.71	.68	.65	.62
2.0	.79	.70	.63	.76	.68	.61	.70	.63	.58	.64	.59	.54	.59	.55	.51	.48
3.0	.68	.58	.50	.65	.56	.49	.60	.53	.46	.55	.49	.44	.51	.46	.41	.38
4.0	.59	.49	.41	.57	.48	.40	.53	.45	.38	.49	.42	.36	.45	.39	.34	.31
5.0	.52	.42	.35	.50	.41	.34	.47	.39	.32	.43	.36	.31	.40	.34	.29	.26
6.0	.47	.37	.30	.45	.36	.29	.42	.34	.28	.39	.32	.26	.36	.30	.25	.23
7.0	.42	.33	.26	.41	.32	.25	.38	.30	.24	.35	.28	.23	.33	.27	.22	.20
8.0	.38	.29	.23	.37	.28	.22	.34	.27	.21	.32	.25	.20	.30	.24	.20	.17
9.0	.35	.26	.20	.34	.26	.20	.32	.24	.19	.30	.23	.18	.28	.22	.17	.15
10.0	.32	.24	.18	.31	.23	.18	.29	.22	.17	.27	.21	.16	.26	.20	.16	.14



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025年06月27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.:			

$\rho_{cc}$	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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients(WEC)</b>									
0.0																
1.0	.444	.253	.080	.433	.247	.078	.411	.236	.075	.391	.226	.072	.373	.216	.070	
2.0	.371	.203	.062	.360	.198	.061	.341	.190	.059	.323	.181	.057	.306	.173	.055	
3.0	.323	.172	.051	.313	.168	.050	.296	.160	.049	.280	.153	.047	.264	.146	.045	
4.0	.286	.149	.044	.278	.145	.043	.262	.139	.042	.247	.133	.040	.234	.127	.039	
5.0	.258	.131	.038	.250	.128	.037	.236	.123	.036	.222	.117	.035	.210	.112	.034	
6.0	.234	.117	.034	.227	.115	.033	.214	.110	.032	.202	.105	.031	.191	.101	.030	
7.0	.215	.106	.030	.209	.104	.030	.197	.099	.029	.186	.095	.028	.175	.091	.027	
8.0	.198	.097	.027	.193	.095	.027	.182	.091	.026	.172	.087	.025	.162	.083	.024	
9.0	.184	.089	.025	.179	.087	.024	.169	.084	.024	.160	.080	.023	.151	.077	.022	
10.0	.172	.082	.023	.167	.081	.022	.158	.077	.022	.149	.074	.021	.141	.071	.020	

$\rho_{cc}$	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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients(CCEC)</b>									
0.0																
1.0	.292	.292	.292	.250	.250	.250	.170	.170	.170	.098	.098	.098	.031	.031	.031	
2.0	.286	.235	.192	.245	.202	.166	.168	.140	.116	.097	.081	.068	.031	.026	.022	
3.0	.278	.218	.171	.239	.188	.148	.164	.131	.104	.095	.076	.061	.030	.025	.020	
4.0	.270	.206	.157	.232	.178	.136	.159	.124	.096	.092	.073	.057	.030	.024	.019	
5.0	.262	.196	.148	.225	.170	.129	.155	.119	.091	.090	.070	.054	.029	.023	.018	
6.0	.254	.188	.141	.218	.163	.123	.151	.114	.087	.087	.067	.052	.028	.022	.017	
7.0	.247	.182	.136	.212	.157	.119	.147	.110	.084	.085	.065	.050	.028	.021	.017	
8.0	.240	.176	.132	.206	.153	.116	.143	.107	.082	.083	.063	.049	.027	.021	.016	
9.0	.233	.171	.130	.201	.149	.113	.139	.104	.080	.081	.062	.048	.026	.020	.016	
10.0	.227	.167	.127	.195	.145	.111	.136	.102	.079	.079	.060	.047	.026	.020	.016	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025年06月27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		1.1	2.6	1.6	3.1	3.6	3.4	5.0	3.9	5.4	5.9
	3H	2.9	4.3	3.4	4.8	5.3	6.5	7.9	7.0	8.4	8.9
	4H	3.7	5.0	4.2	5.5	6.1	8.2	9.6	8.7	10.1	10.6
	6H	4.3	5.5	4.8	6.1	6.6	10.2	11.4	10.7	11.9	12.5
	8H	4.5	5.7	5.0	6.2	6.8	11.2	12.5	11.7	13.0	13.6
	12H	4.7	5.9	5.2	6.4	7.0	12.5	13.7	13.0	14.2	14.8
	4H 2H	2.5	3.8	3.0	4.3	4.9	4.1	5.4	4.6	5.9	6.5
	3H	4.6	5.8	5.1	6.3	6.9	7.4	8.6	8.0	9.2	9.8
	4H	5.6	6.7	6.1	7.2	7.9	9.4	10.5	9.9	11.0	11.7
	6H	6.4	7.4	7.0	8.0	8.7	11.5	12.5	12.1	13.1	13.7
	8H	6.8	7.7	7.4	8.3	9.0	12.7	13.6	13.3	14.2	14.9
	12H	7.1	8.0	7.7	8.6	9.3	14.1	14.9	14.7	15.6	16.2
	8H 4H	6.9	7.8	7.5	8.4	9.1	9.8	10.7	10.4	11.3	12.0
	6H	8.2	9.0	8.8	9.7	10.4	12.3	13.1	12.9	13.7	14.4
	8H	8.8	9.6	9.5	10.2	10.9	13.7	14.4	14.3	15.0	15.8
	12H	9.4	10.1	10.1	10.8	11.5	15.4	16.0	16.0	16.7	17.4
	12H 4H	7.4	8.2	8.0	8.9	9.6	9.8	10.7	10.5	11.3	12.0
	6H	8.9	9.7	9.6	10.3	11.1	12.4	13.1	13.1	13.8	14.5
	8H	9.8	10.4	10.4	11.1	11.8	13.9	14.6	14.6	15.3	16.0
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.2 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 28.26 lm Total Lamp Luminous Flux. (8log(F/F0) = -12.4)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025年06月27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	45	33	25	44	32	25	18	
0.80	55	41	33	53	41	32	51	39	32	24	
1.00	62	49	40	61	48	39	58	49	38	30	
1.25	69	56	46	67	54	46	63	52	45	35	
1.50	74	61	52	72	60	51	68	57	49	39	
2.00	82	69	60	79	68	59	74	65	57	46	
2.50	86	75	66	83	73	65	78	69	62	50	
3.00	90	80	71	87	78	70	81	73	67	54	
4.00	95	86	79	92	84	77	86	79	73	60	
5.00	99	91	84	95	88	82	88	82	77	63	
ROOM INDEX	UF(total)									Direct	
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25			

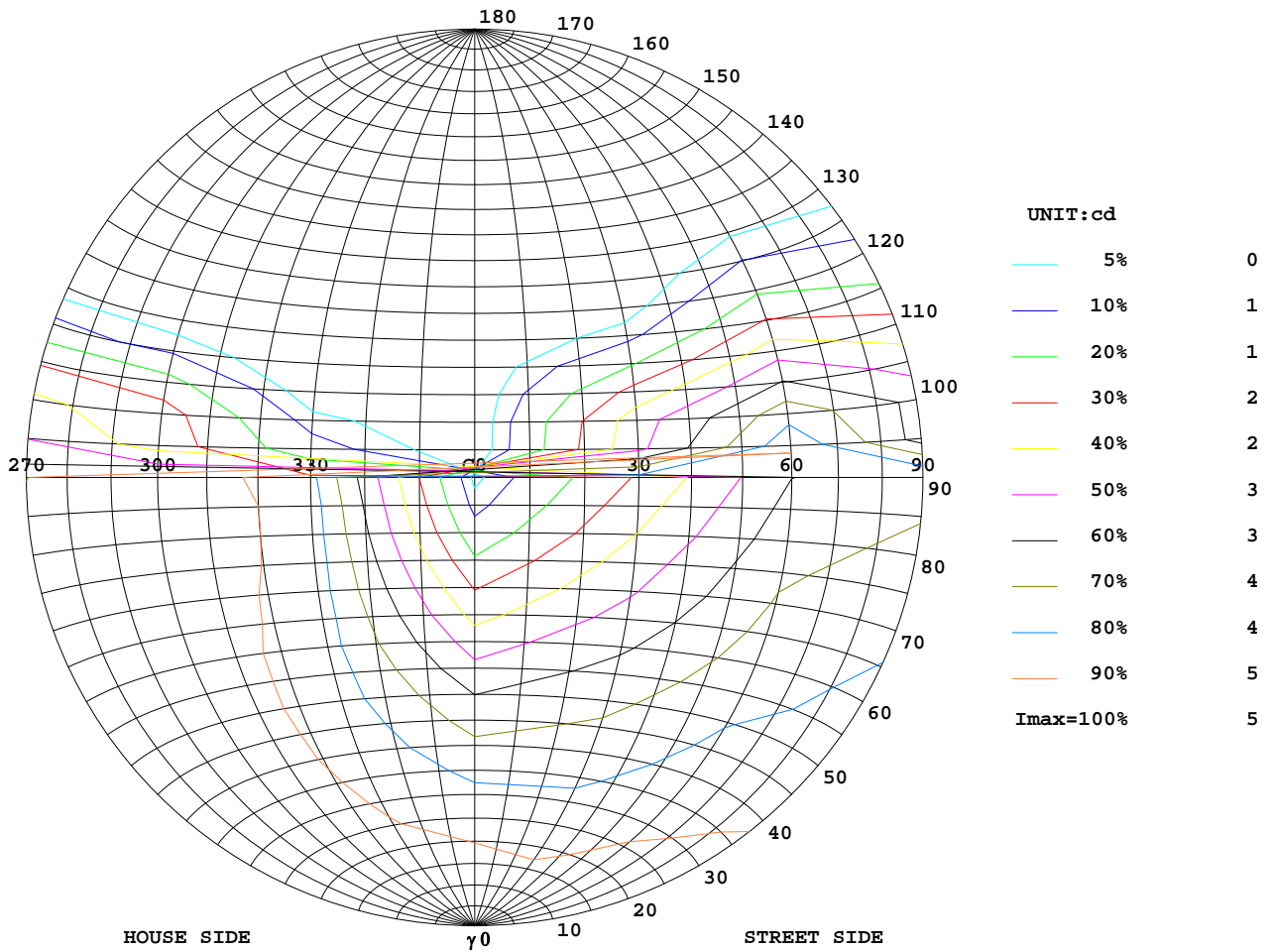
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025年06月27日

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27日

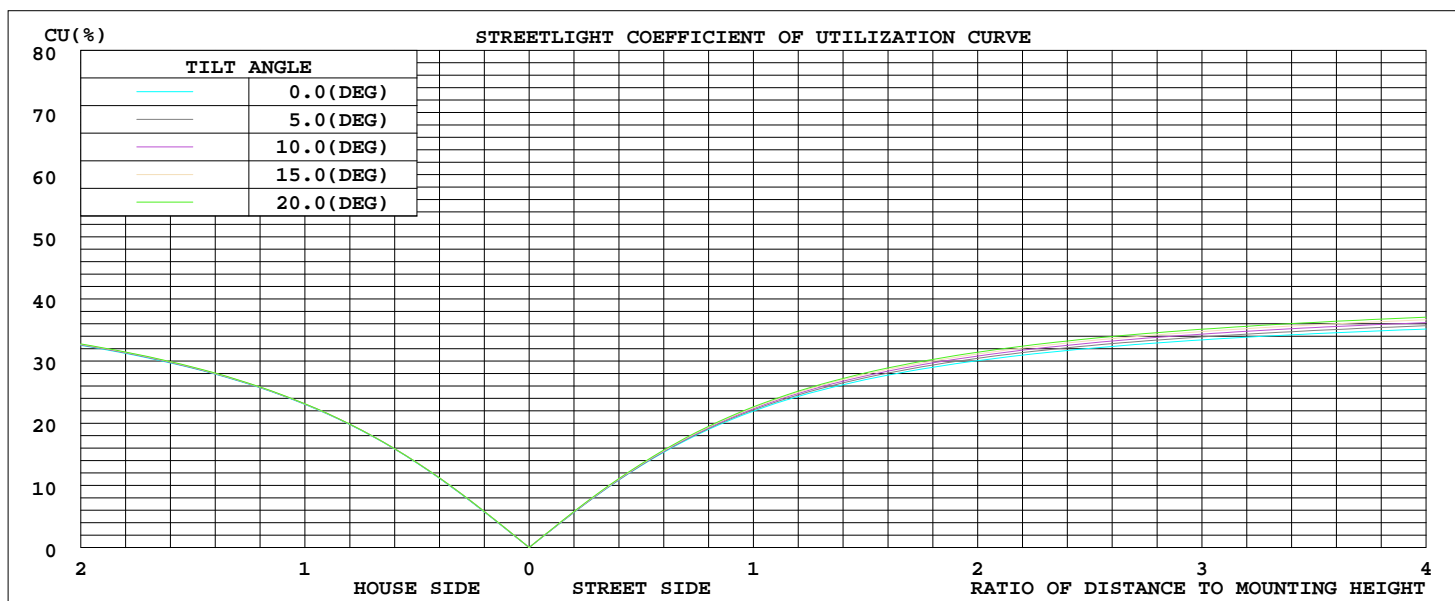
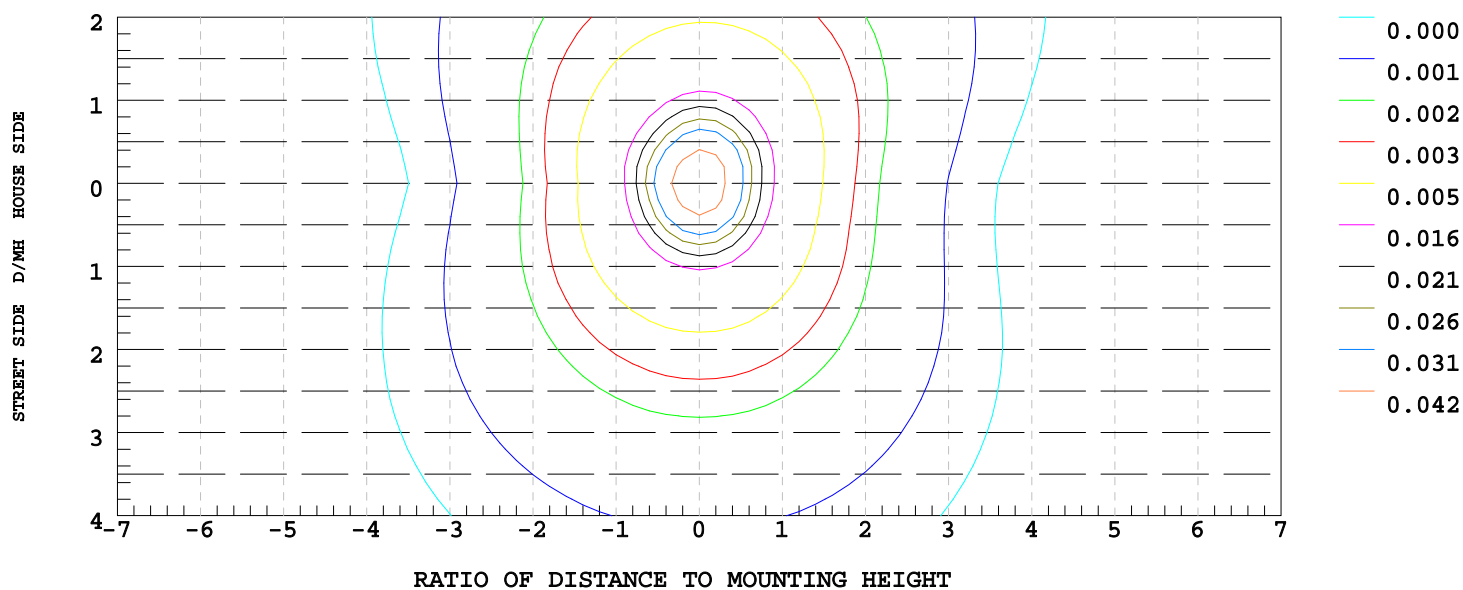
Test Set: 7.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 6.100 m  
 Remarks:

# ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.05 lx



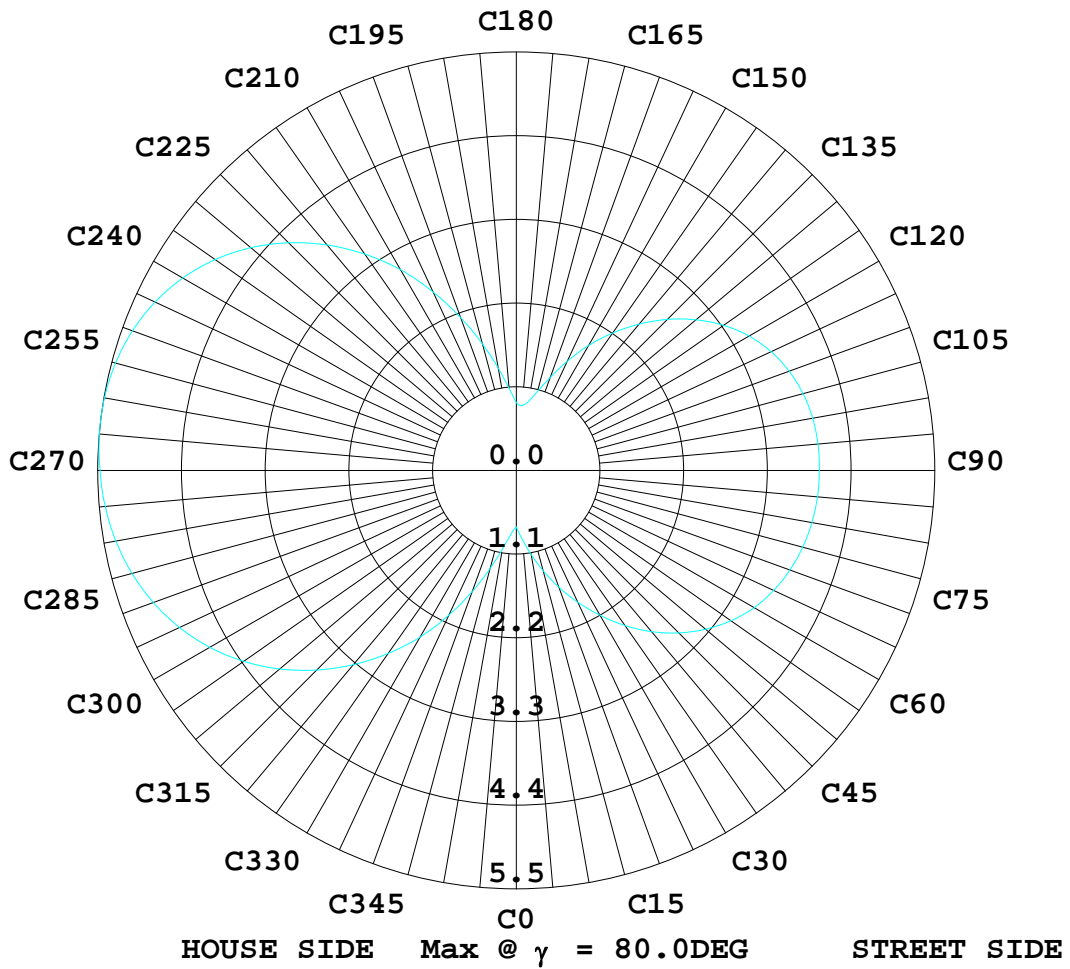
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2025年06月27日

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27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:

<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

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	5.24	5.28	5.28	5.24	5.24	5.24	5.24	5.28	5.28	5.24	5.24	5.24
5.0	5.24	5.20	5.24	5.24	5.24	5.20	5.17	5.28	5.28	5.28	5.20	5.24
10.0	5.17	5.09	5.17	5.24	5.20	5.13	5.06	5.24	5.28	5.28	5.17	5.17
15.0	5.06	4.98	5.09	5.20	5.17	5.02	4.91	5.17	5.28	5.28	5.09	5.06
20.0	4.91	4.83	5.02	5.17	5.09	4.87	4.76	5.06	5.28	5.28	5.02	4.91
25.0	4.68	4.65	4.94	5.13	5.02	4.72	4.57	4.91	5.24	5.24	4.94	4.76
30.0	4.50	4.50	4.83	5.06	4.94	4.53	4.35	4.80	5.20	5.24	4.87	4.61
35.0	4.24	4.27	4.72	4.98	4.83	4.35	4.16	4.65	5.13	5.24	4.80	4.42
40.0	3.94	4.09	4.57	4.87	4.72	4.16	3.94	4.50	5.09	5.24	4.72	4.27
45.0	3.60	3.90	4.46	4.80	4.57	3.90	3.68	4.35	5.06	5.24	4.68	4.09
50.0	3.27	3.68	4.35	4.68	4.42	3.64	3.38	4.16	5.06	5.28	4.61	3.86
55.0	2.86	3.46	4.20	4.57	4.27	3.34	3.01	3.98	5.02	5.28	4.61	3.64
60.0	2.45	3.20	4.09	4.50	4.13	3.05	2.60	3.75	5.02	5.32	4.57	3.38
65.0	2.00	2.93	3.98	4.39	3.98	2.75	2.19	3.57	5.06	5.35	4.61	3.12
70.0	1.60	2.67	3.86	4.27	3.83	2.45	1.74	3.38	5.06	5.39	4.61	2.90
75.0	1.15	2.45	3.75	4.13	3.68	2.19	1.30	3.23	5.06	5.43	4.65	2.71
80.0	0.74	2.19	3.60	3.98	3.53	1.89	0.89	3.05	5.06	5.46	4.65	2.53
85.0	0.41	1.97	3.46	3.79	3.34	1.67	0.52	2.93	5.02	5.46	4.65	2.34
90.0	0.19	1.71	3.27	3.57	3.12	1.41	0.26	2.79	4.91	5.43	4.53	2.19
95.0	0.00	0.74	1.97	2.71	1.78	0.71	0.00	2.08	3.05	4.76	2.60	1.15
100.0	0.00	0.37	1.89	2.30	1.78	0.48	0.00	1.45	3.12	4.16	2.49	0.52
105.0	0.00	0.04	1.30	1.56	1.41	0.07	0.00	1.00	2.49	3.31	1.82	0.04
110.0	0.00	0.00	0.48	0.63	0.67	0.00	0.00	0.56	1.82	2.49	1.04	0.00
115.0	0.00	0.00	0.07	0.11	0.07	0.00	0.00	0.26	1.15	1.67	0.41	0.00
120.0	0.00	0.00	0.04	0.00	0.04	0.00	0.00	0.11	0.67	1.00	0.11	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.37	0.56	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.22	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.07	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025年06月27日

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