

LUMINAIRE PHOTOMETRIC TEST REPORT

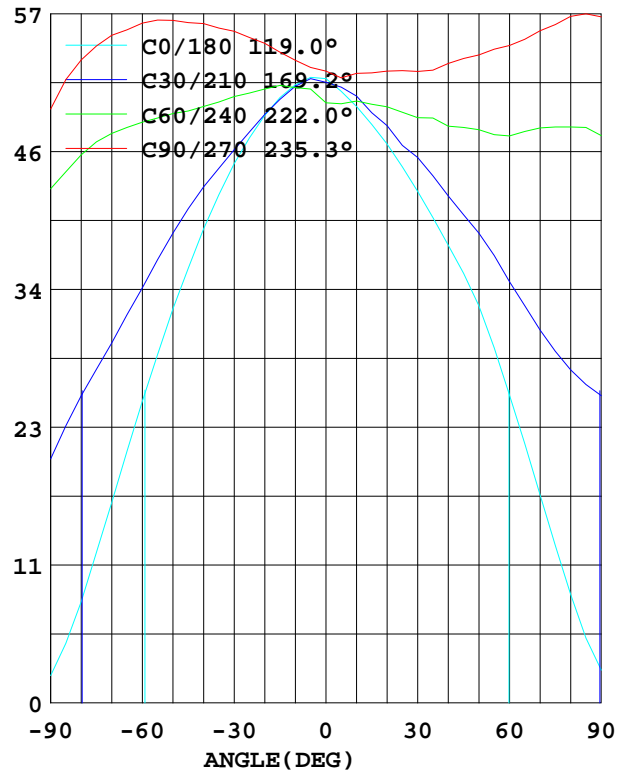
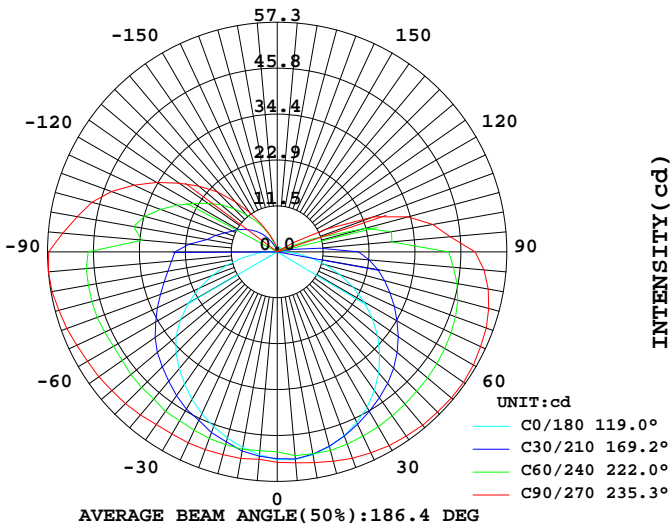
Report number:

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

DATA OF LAMP		Imax(cd)	57.26	S/MH(C0/180)	1.28
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.63
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	330.51	Voltage(V)	24.24
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	34.8	Current(A)	0.391
NOMINAL FLUX(lm)	330.5	η up(%)	20.6	Power(W)	9.500
LAMPS QUANTITY	1	η down(%)	79.4	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.2	Effective Flux(lm)	145.7	EEL	0.535

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



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:

Color Temperature Data List

Report number:

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

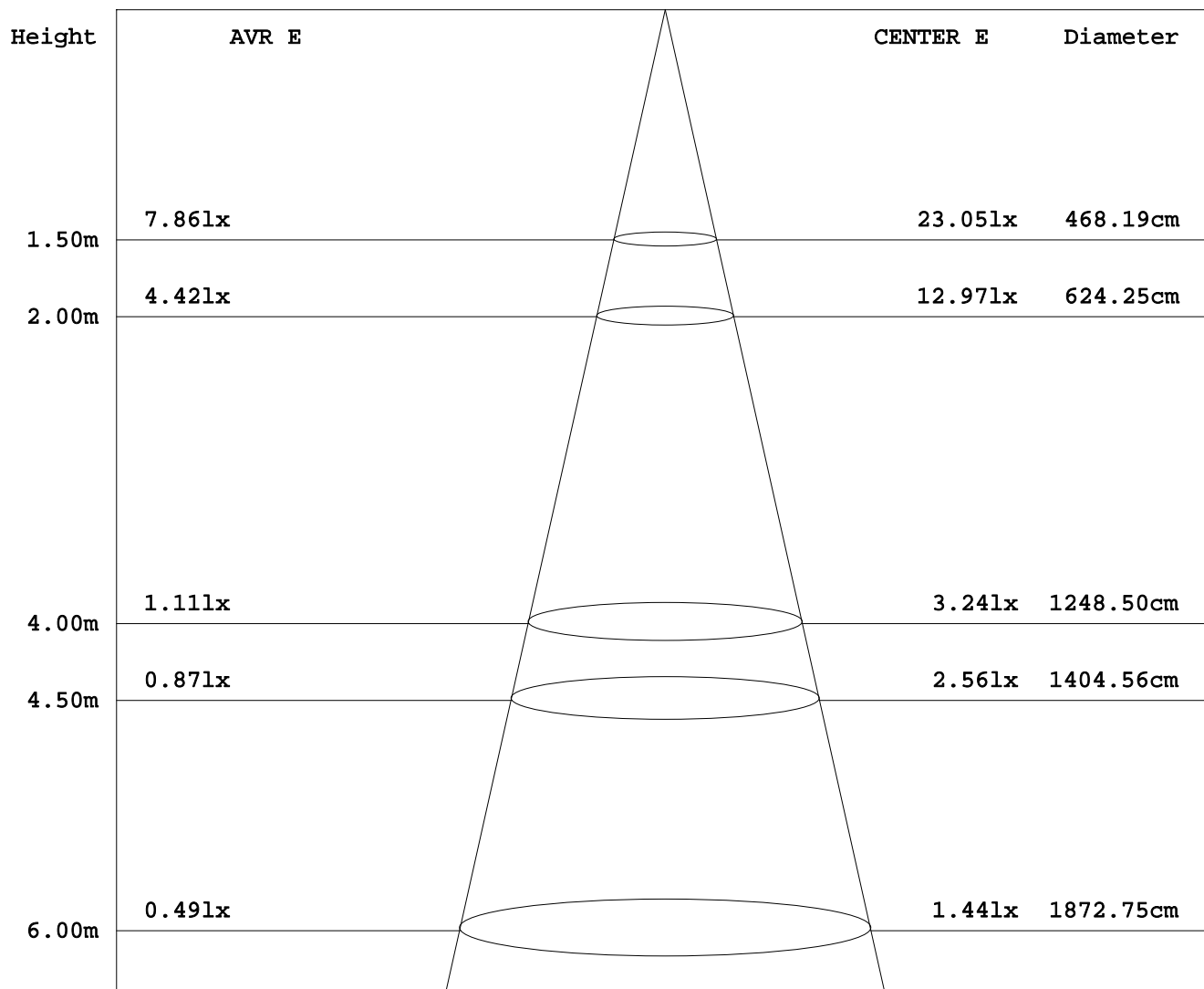
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年06月26日

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: 114.7deg

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	51.34	51.18	53.39	52.29	49.56	50.21	52.31	51.44	0- 10	4.924	4.924
20.0	48.81	49.95	54.81	51.36	46.43	48.74	52.50	49.65	10- 20	14.38	19.30
30.0	44.80	48.16	55.81	50.28	42.49	46.97	52.46	47.70	20- 30	22.81	42.12
40.0	39.36	46.21	56.44	48.65	38.02	45.02	53.13	45.74	30- 40	29.83	71.95
50.0	32.74	44.00	56.70	46.66	33.00	43.33	53.84	43.72	40- 50	35.18	107.1
60.0	25.07	41.37	56.48	44.20	25.60	41.06	54.62	42.28	50- 60	38.56	145.7
70.0	16.67	38.62	55.48	41.47	17.30	39.38	55.85	40.83	60- 70	39.92	185.6
80.0	8.409	35.53	53.43	38.34	9.042	37.76	57.04	39.62	70- 80	39.51	225.1
90.0	2.269	31.49	49.34	34.45	2.716	36.33	57.00	37.24	80- 90	37.35	262.5
100.0	1.041	16.22	39.40	21.76	0.335	27.07	50.64	16.72	90-100	27.46	289.9
110.0	1.116	5.004	25.56	13.93	0.335	22.47	44.01	3.758	100-110	18.50	308.4
120.0	1.190	0.856	4.688	7.069	0.335	17.65	34.64	0.707	110-120	10.23	318.7
130.0	1.265	0.670	0.260	3.330	0.372	13.37	25.56	0.558	120-130	5.776	324.4
140.0	1.302	0.577	0.260	1.358	0.372	9.023	16.37	0.484	130-140	3.381	327.8
150.0	1.376	0.521	0.260	0.595	0.409	5.041	8.074	0.447	140-150	1.683	329.5
160.0	1.376	0.465	0.260	0.540	0.409	1.879	3.237	0.428	150-160	0.678	330.2
170.0	1.302	0.484	0.298	0.484	0.447	0.819	1.265	0.409	160-170	0.222	330.4
180.0	1.190	0.688	0.335	0.447	1.116	0.707	0.819	0.428	170-180	0.061	330.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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:

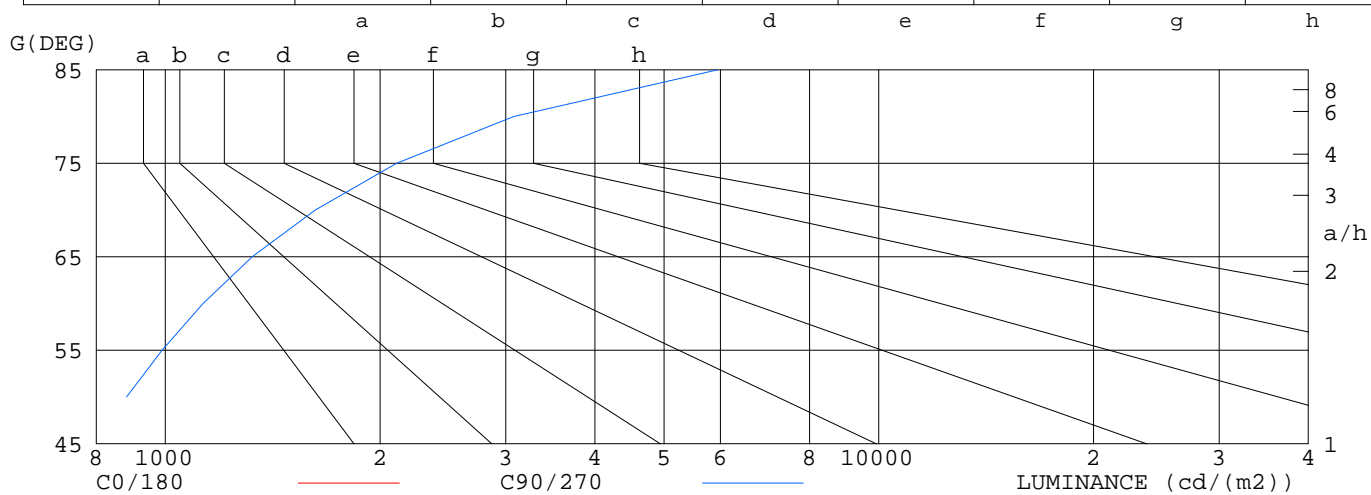
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	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	568	5943
80	484	3077
75	483	2109
70	487	1622
65	495	1323
60	502	1130
55	505	989
50	509	882
45	511	799

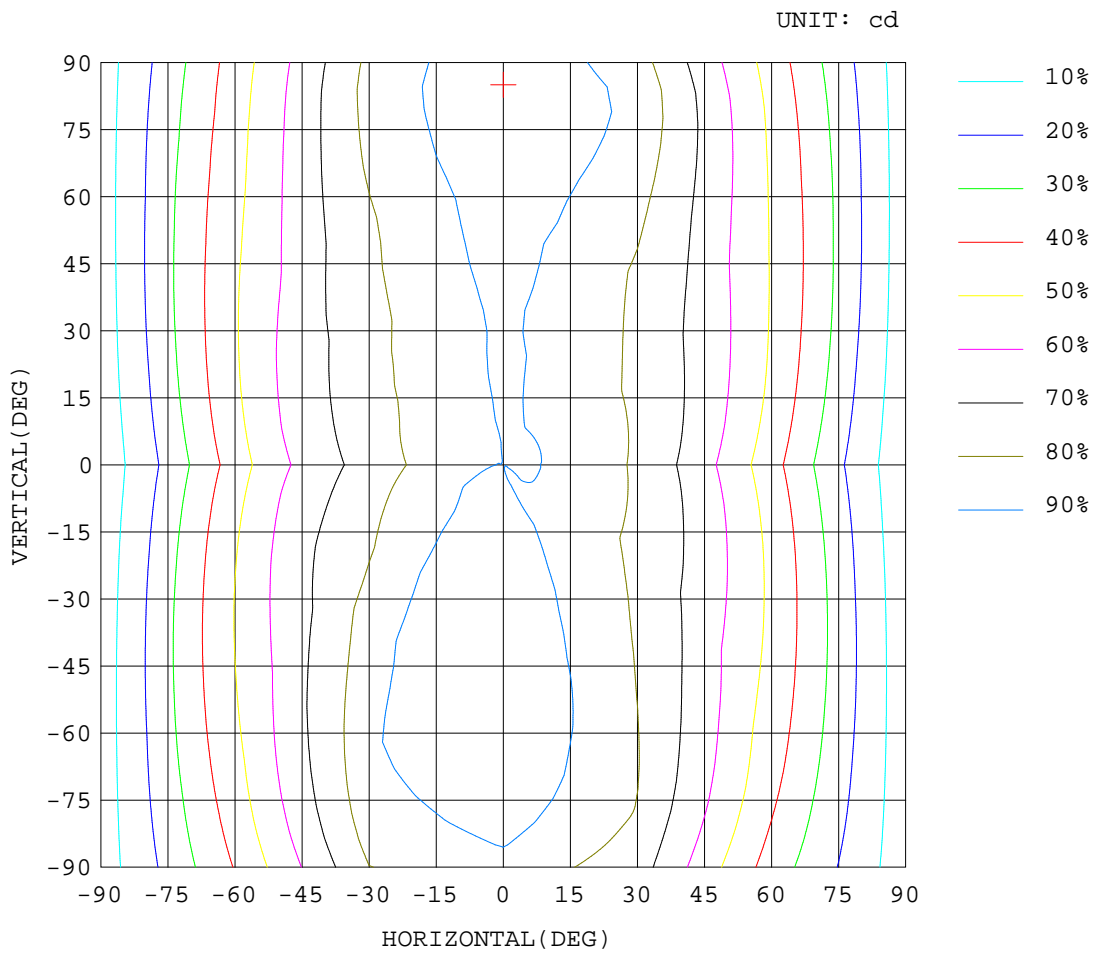
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025年06月26日

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.:



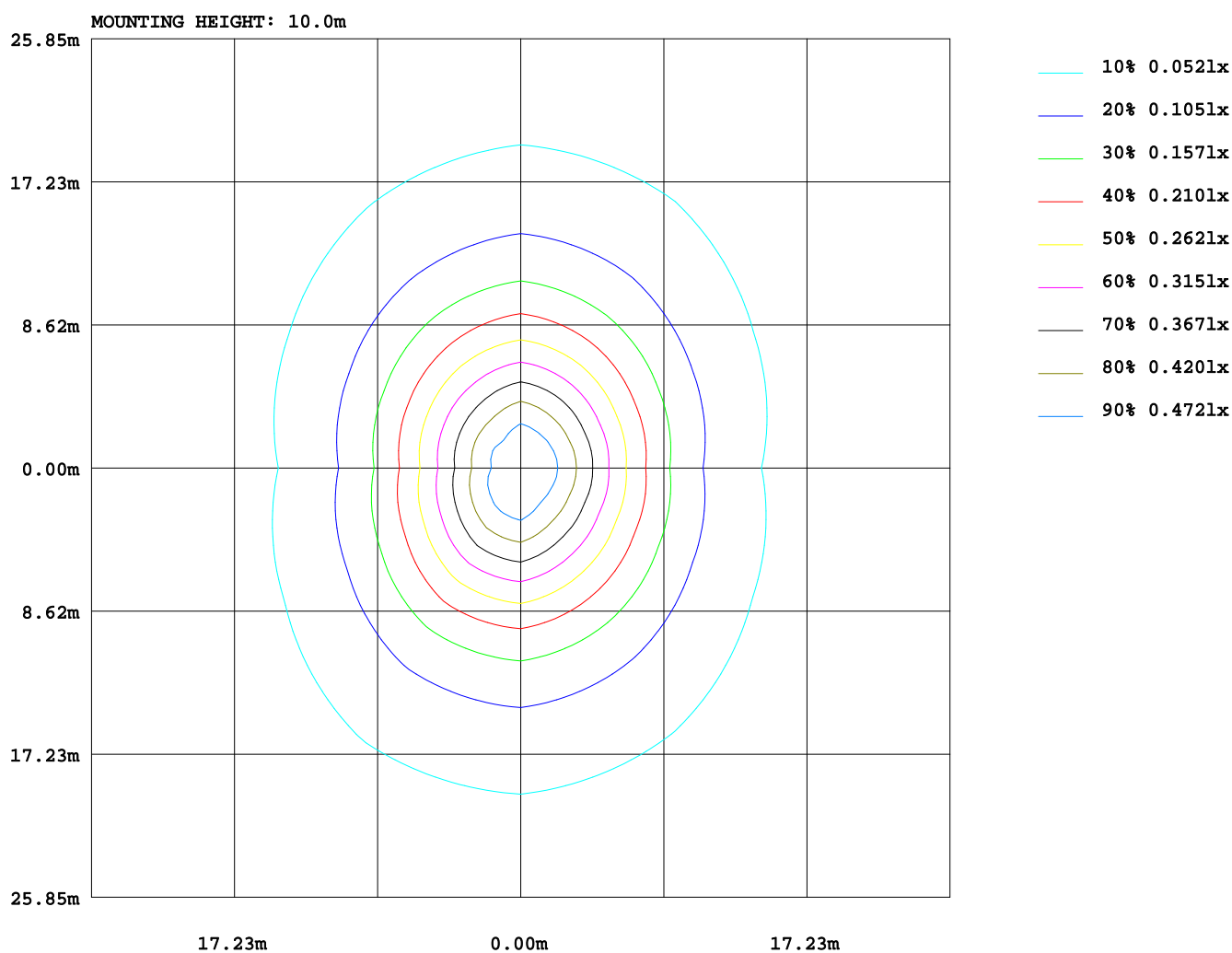
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025年06月26日

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.:



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.:

VERTICAL(DEG)	AREA FLUX DIAGRAM																		UNIT:lm	Φ t	Φ a
	0.02	0.12	0.29	0.52	0.79	1.09	1.35	1.53	1.68	1.69	1.56	1.40	1.14	0.82	0.54	0.30	0.12	0.02	15.0	14.1	
90	0.02	0.12	0.30	0.53	0.80	1.09	1.35	1.52	1.66	1.67	1.56	1.40	1.15	0.84	0.55	0.31	0.12	0.02	15.0	14.1	
80	0.02	0.13	0.30	0.53	0.80	1.08	1.33	1.49	1.63	1.64	1.53	1.37	1.12	0.84	0.55	0.31	0.13	0.02	14.8	13.9	
70	0.02	0.13	0.31	0.54	0.80	1.06	1.29	1.47	1.60	1.61	1.49	1.34	1.10	0.82	0.55	0.32	0.13	0.02	14.6	13.7	
60	0.02	0.13	0.31	0.54	0.80	1.05	1.28	1.45	1.58	1.58	1.46	1.30	1.07	0.82	0.55	0.32	0.13	0.02	14.4	13.5	
50	0.02	0.13	0.31	0.55	0.80	1.05	1.26	1.44	1.56	1.56	1.45	1.28	1.06	0.81	0.55	0.32	0.13	0.02	14.3	13.4	
40	0.02	0.13	0.31	0.55	0.81	1.04	1.26	1.42	1.55	1.56	1.44	1.27	1.06	0.81	0.55	0.31	0.12	0.02	14.2	13.3	
30	0.02	0.12	0.30	0.55	0.80	1.03	1.25	1.42	1.53	1.55	1.45	1.28	1.06	0.81	0.54	0.30	0.12	0.02	14.1	13.3	
	0.02	0.11	0.29	0.53	0.78	1.02	1.24	1.42	1.53	1.56	1.46	1.29	1.06	0.79	0.52	0.28	0.11	0.02	14.0	13.2	
	0.02	0.11	0.29	0.53	0.79	1.03	1.25	1.44	1.57	1.56	1.46	1.29	1.06	0.79	0.52	0.28	0.11	0.02	14.1	13.3	
	0.02	0.12	0.31	0.55	0.82	1.06	1.30	1.50	1.61	1.58	1.45	1.27	1.06	0.81	0.54	0.30	0.11	0.02	14.4	13.5	
-30	0.02	0.13	0.32	0.57	0.83	1.09	1.34	1.55	1.65	1.62	1.47	1.28	1.05	0.81	0.54	0.30	0.12	0.02	14.7	13.8	
-40	0.02	0.13	0.32	0.57	0.84	1.12	1.38	1.58	1.67	1.64	1.49	1.30	1.06	0.80	0.54	0.30	0.12	0.02	14.9	14.0	
-50	0.02	0.13	0.32	0.56	0.84	1.13	1.41	1.59	1.68	1.66	1.51	1.31	1.06	0.80	0.53	0.30	0.12	0.02	15.0	14.1	
-60	0.02	0.13	0.31	0.56	0.85	1.15	1.42	1.58	1.69	1.66	1.52	1.32	1.07	0.79	0.52	0.29	0.12	0.02	15.0	14.1	
-70	0.02	0.12	0.30	0.54	0.84	1.15	1.42	1.57	1.67	1.65	1.51	1.33	1.06	0.78	0.51	0.28	0.11	0.02	14.9	14.0	
-80	0.02	0.12	0.29	0.53	0.81	1.13	1.38	1.53	1.62	1.61	1.47	1.30	1.05	0.75	0.48	0.26	0.11	0.02	14.5	13.7	
-90	0.02	0.11	0.27	0.49	0.77	1.08	1.32	1.45	1.54	1.52	1.40	1.24	1.00	0.71	0.45	0.24	0.10	0.02	13.7	13.0	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90				
Φ t	0.39	2.21	5.46	9.73	14.5	19.5	23.9	27.0	29.0	28.9	26.7	23.6	19.3	14.3	9.54	5.32	2.12	0.36	331		
Φ a	0.00	0.00	0.00	9.73	14.5	19.5	23.9	27.0	29.0	28.9	26.7	23.6	19.3	14.3	9.54	0.00	0.00	0.00		146	

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

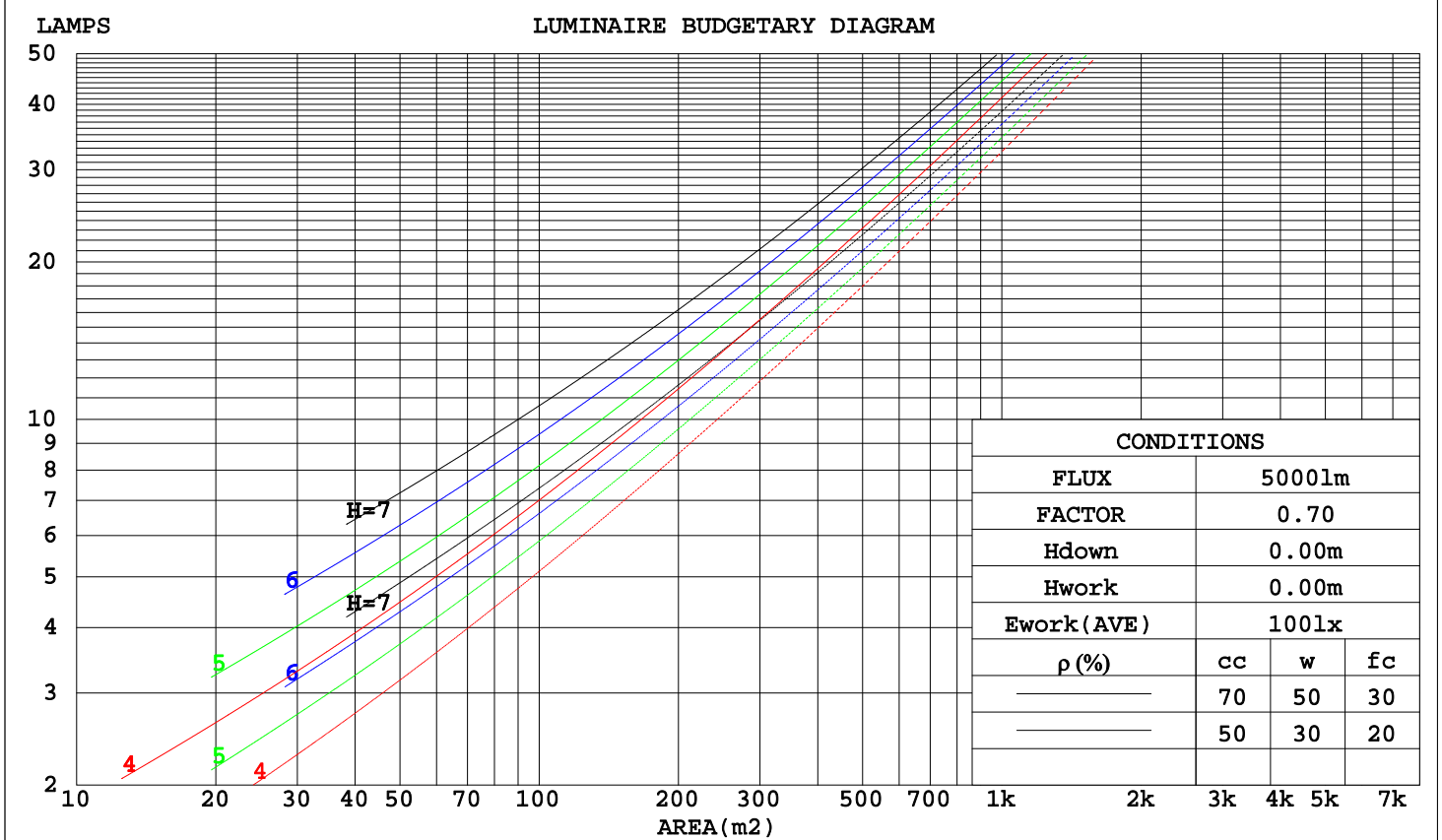
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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	1.14	1.14	1.14	1.09	1.09	1.09	.00	.00	.00	.91	.91	.91	.83	.83	.83	.79
1.0	.92	.86	.80	.88	.82	.77	.79	.75	.71	.72	.68	.65	.65	.62	.59	.56
2.0	.78	.69	.62	.74	.66	.59	.67	.60	.55	.60	.55	.50	.54	.50	.46	.43
3.0	.67	.57	.49	.63	.55	.47	.57	.50	.44	.52	.46	.40	.46	.41	.37	.34
4.0	.58	.48	.40	.55	.46	.39	.50	.42	.36	.45	.39	.33	.41	.35	.31	.28
5.0	.51	.41	.34	.49	.40	.33	.44	.36	.30	.40	.33	.28	.36	.31	.26	.23
6.0	.46	.36	.29	.44	.35	.28	.40	.32	.26	.36	.29	.24	.33	.27	.22	.20
7.0	.41	.32	.25	.39	.31	.24	.36	.28	.23	.33	.26	.21	.30	.24	.20	.17
8.0	.37	.28	.22	.36	.27	.21	.33	.25	.20	.30	.23	.19	.27	.21	.17	.15
9.0	.34	.25	.20	.33	.24	.19	.30	.23	.18	.27	.21	.17	.25	.19	.15	.13
10.0	.31	.23	.17	.30	.22	.17	.28	.21	.16	.25	.19	.15	.23	.18	.14	.12



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	.441	.251	.079	.428	.244	.077	.402	.231	.074	.378	.218	.070	.357	.207	.067	
2.0	.367	.201	.062	.355	.196	.060	.332	.185	.057	.311	.174	.055	.291	.164	.052	
3.0	.319	.170	.051	.308	.165	.050	.287	.156	.047	.268	.147	.045	.250	.138	.043	
4.0	.283	.147	.043	.273	.143	.042	.254	.135	.040	.237	.127	.038	.220	.120	.036	
5.0	.255	.130	.038	.246	.126	.037	.229	.119	.035	.212	.112	.033	.197	.105	.032	
6.0	.232	.116	.033	.224	.113	.032	.208	.106	.031	.193	.100	.029	.179	.094	.028	
7.0	.213	.105	.030	.205	.102	.029	.190	.096	.028	.177	.091	.026	.164	.085	.025	
8.0	.196	.096	.027	.189	.093	.026	.176	.088	.025	.163	.083	.024	.152	.078	.023	
9.0	.182	.088	.025	.176	.086	.024	.163	.081	.023	.152	.076	.022	.141	.072	.021	
10.0	.170	.081	.023	.164	.079	.022	.153	.075	.021	.142	.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																
1.0	.347	.347	.347	.297	.297	.297	.203	.203	.203	.116	.116	.116	.037	.037	.037	
2.0	.347	.313	.282	.297	.269	.243	.203	.185	.168	.117	.107	.098	.037	.034	.032	
3.0	.341	.291	.248	.292	.250	.214	.200	.173	.150	.116	.101	.088	.037	.033	.029	
4.0	.334	.275	.227	.286	.237	.197	.197	.165	.138	.114	.096	.081	.036	.031	.027	
5.0	.326	.262	.214	.280	.227	.186	.192	.158	.131	.111	.093	.077	.036	.030	.025	
6.0	.318	.253	.205	.273	.219	.178	.188	.153	.126	.109	.090	.075	.035	.029	.025	
7.0	.310	.245	.198	.267	.212	.173	.184	.149	.122	.107	.087	.073	.034	.029	.024	
8.0	.303	.238	.193	.260	.207	.169	.180	.145	.119	.105	.085	.071	.034	.028	.024	
9.0	.296	.233	.190	.255	.202	.166	.176	.142	.117	.102	.084	.070	.033	.027	.023	
10.0	.289	.228	.187	.249	.198	.163	.173	.139	.116	.101	.082	.069	.033	.027	.023	
10.0	.283	.224	.185	.244	.195	.161	.169	.137	.115	.099	.081	.068	.032	.027	.023	

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		8.8	10.3	9.4	10.8	11.4	12.0	13.5	12.6	14.0	14.6	
	3H	10.7	12.0	11.2	12.6	13.2	15.3	16.6	15.9	17.2	17.9	
	4H	11.5	12.7	12.1	13.3	14.0	17.2	18.4	17.8	19.0	19.7	
	6H	12.1	13.3	12.8	13.9	14.7	19.2	20.4	19.8	21.0	21.7	
	8H	12.4	13.5	13.0	14.2	14.9	20.4	21.5	21.0	22.1	22.9	
	12H	12.6	13.7	13.3	14.4	15.1	21.6	22.8	22.3	23.4	24.1	
	4H	2H	10.4	11.7	11.0	12.3	13.0	12.6	13.9	13.2	14.5	15.2
		3H	12.5	13.6	13.1	14.2	15.0	16.2	17.3	16.8	17.9	18.7
		4H	13.5	14.6	14.2	15.2	16.0	18.2	19.2	18.9	19.9	20.7
		6H	14.4	15.4	15.1	16.1	16.9	20.5	21.4	21.1	22.1	22.9
		8H	14.8	15.7	15.5	16.4	17.2	21.7	22.6	22.4	23.3	24.1
		12H	15.2	16.0	15.9	16.7	17.5	23.2	24.0	23.9	24.7	25.5
	8H	4H	15.1	16.0	15.8	16.7	17.5	18.6	19.5	19.3	20.2	21.0
		6H	16.4	17.2	17.1	17.9	18.8	21.2	21.9	21.9	22.6	23.5
		8H	17.1	17.7	17.8	18.5	19.3	22.7	23.3	23.4	24.1	24.9
		12H	17.7	18.3	18.4	19.0	19.9	24.4	25.0	25.2	25.8	26.6
	12H	4H	15.6	16.5	16.4	17.2	18.0	18.6	19.4	19.3	20.1	21.0
		6H	17.3	17.9	18.0	18.7	19.5	21.3	22.0	22.0	22.7	23.6
		8H	18.1	18.7	18.8	19.4	20.3	22.9	23.5	23.7	24.3	25.2
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 / - 0.3					

CIE Pub.117 Corrected 330.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.8)

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	44	31	23	43	30	23	41	29	23	16
0.80	52	39	30	51	38	30	48	36	29	21
1.00	60	46	37	58	45	36	54	46	35	26
1.25	67	53	43	64	51	43	60	49	41	31
1.50	72	58	49	69	57	48	64	54	46	35
2.00	79	67	58	76	65	56	70	61	53	41
2.50	84	73	64	81	70	62	74	65	58	45
3.00	88	77	69	84	75	67	77	69	63	49
4.00	93	84	76	89	81	74	82	75	69	54
5.00	97	88	82	92	85	79	84	78	73	57
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

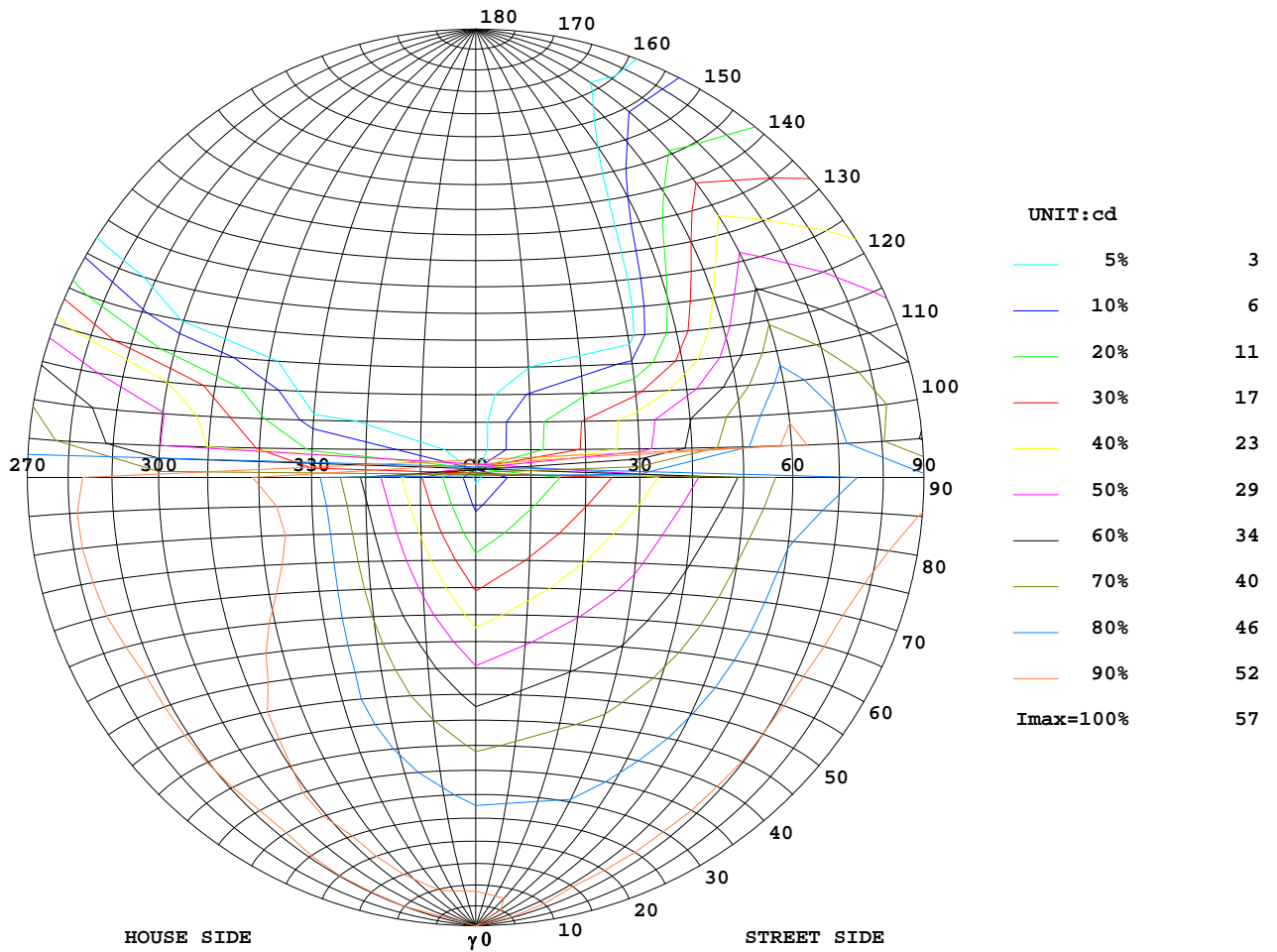
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2025年06月26日

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

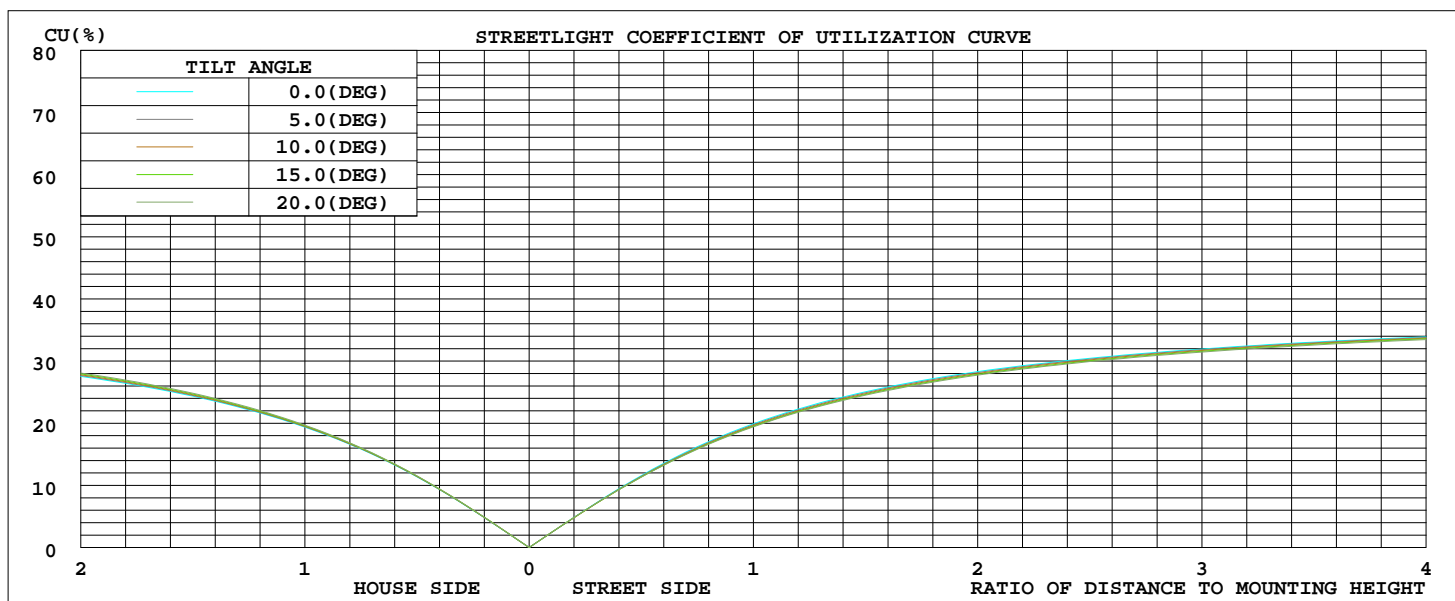
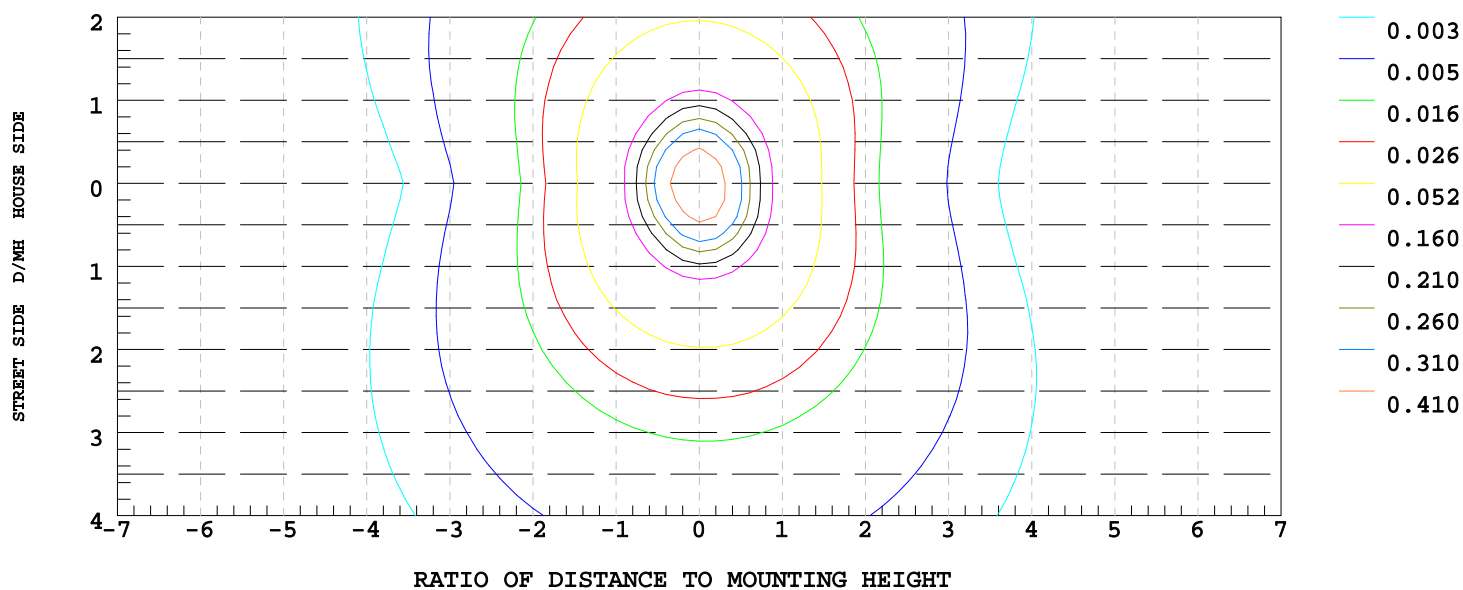
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.100 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.52 lx



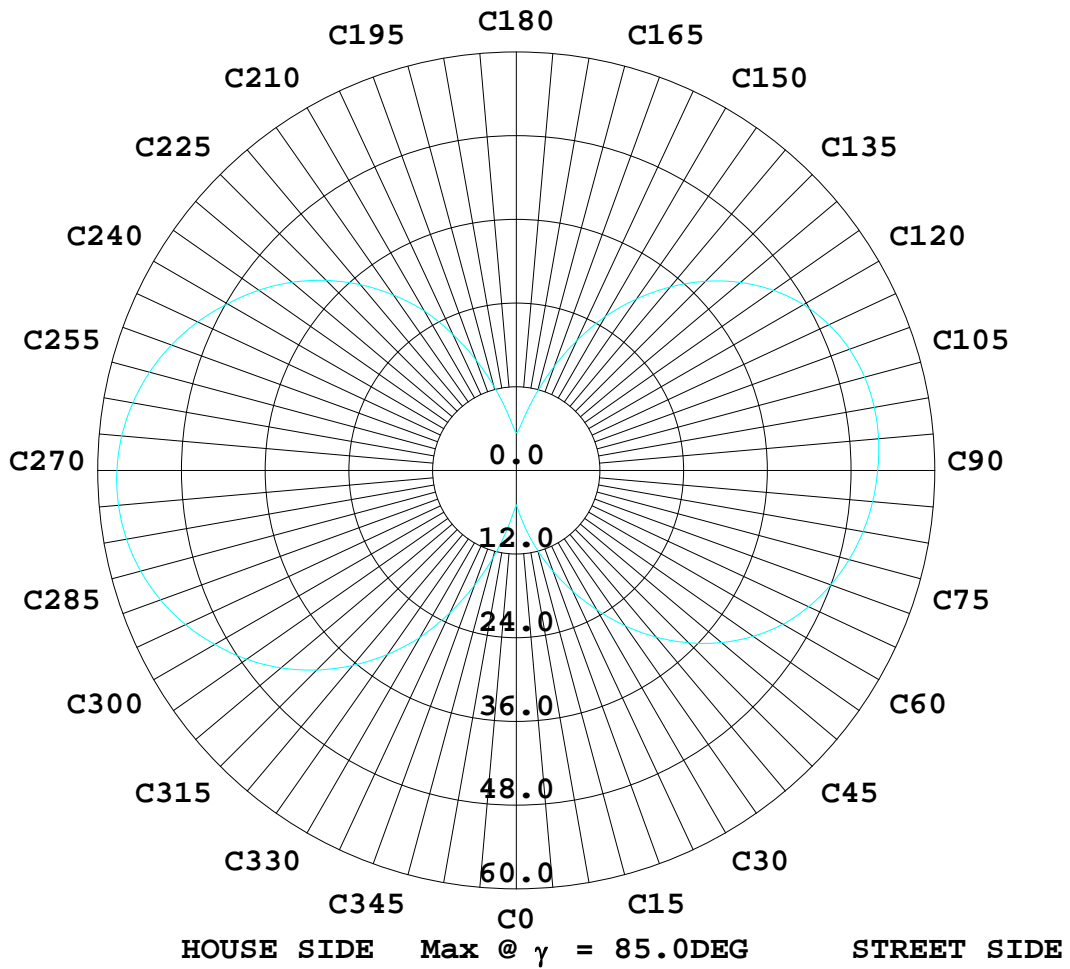
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025年06月26日

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	51.8	51.5	49.8	52.5	52.5	52.3	51.8	51.5	49.8	52.5	52.5	52.3
5.0	51.9	51.8	51.0	52.8	52.6	52.0	50.8	51.1	49.7	51.9	52.0	52.1
10.0	51.3	51.2	51.1	53.3	52.9	51.6	49.5	50.4	50.0	52.3	51.4	51.3
15.0	50.3	50.1	51.3	54.0	52.9	50.4	48.0	49.0	49.7	52.3	50.9	50.1
20.0	48.8	48.8	51.0	54.8	53.2	49.5	46.4	47.9	49.5	52.5	50.4	48.8
25.0	46.9	47.4	50.6	55.2	53.3	48.2	44.5	46.3	49.0	52.5	50.1	47.5
30.0	44.8	45.9	50.3	55.8	53.6	46.8	42.4	45.3	48.6	52.4	49.3	46.1
35.0	42.2	44.4	49.9	56.0	53.4	45.4	40.3	43.7	48.5	52.5	48.8	44.5
40.0	39.3	42.8	49.5	56.4	53.3	43.9	38.0	42.1	47.9	53.1	48.5	42.9
45.0	36.1	41.0	49.1	56.5	53.3	42.6	35.6	40.5	47.8	53.5	48.2	41.2
50.0	32.7	39.0	48.9	56.7	52.6	40.6	33.0	39.0	47.6	53.8	48.0	39.4
55.0	28.9	36.8	48.5	56.7	52.2	38.5	29.5	37.1	47.2	54.3	48.6	37.5
60.0	25.0	34.4	48.2	56.4	52.0	36.3	25.6	35.0	47.1	54.6	49.0	35.5
65.0	20.9	32.2	47.8	55.9	51.5	34.2	21.5	33.0	47.4	55.1	49.3	33.6
70.0	16.6	29.9	47.3	55.4	50.9	32.0	17.3	30.9	47.7	55.8	49.8	31.8
75.0	12.5	27.7	46.6	54.5	50.0	29.8	13.0	29.2	47.8	56.3	50.1	30.3
80.0	8.40	25.5	45.5	53.4	49.0	27.6	9.04	27.6	47.8	57.0	50.3	28.9
85.0	4.94	23.0	44.1	51.7	47.5	25.4	5.39	26.4	47.8	57.2	49.8	27.6
90.0	2.26	20.2	42.7	49.3	45.6	23.2	2.71	25.5	47.1	57.0	48.2	26.1
95.0	1.04	10.7	28.7	43.3	30.2	14.6	0.48	22.1	33.8	53.6	26.4	15.8
100.0	1.04	3.53	28.9	39.4	31.7	11.7	0.33	17.7	36.3	50.6	25.9	7.51
105.0	1.07	0.26	22.8	33.7	28.3	7.85	0.33	15.9	34.2	47.8	15.8	2.56
110.0	1.11	0.26	9.74	25.5	22.4	5.39	0.33	13.9	31.0	44.0	6.21	1.30
115.0	1.15	0.26	2.60	13.3	16.1	3.60	0.33	12.3	27.6	39.4	1.30	1.07
120.0	1.19	0.26	1.45	4.68	11.7	2.34	0.33	11.1	24.1	34.6	0.48	0.93
125.0	1.22	0.26	1.22	0.71	8.48	1.41	0.33	9.82	21.1	29.8	0.33	0.86
130.0	1.26	0.26	1.07	0.26	5.91	0.74	0.37	8.48	18.2	25.5	0.33	0.78
135.0	1.26	0.26	0.97	0.26	3.98	0.33	0.37	7.18	15.2	21.1	0.33	0.71
140.0	1.30	0.26	0.89	0.26	2.45	0.26	0.37	5.84	12.2	16.3	0.30	0.67
145.0	1.33	0.26	0.82	0.26	1.33	0.26	0.37	4.42	9.56	11.9	0.30	0.63
150.0	1.37	0.30	0.74	0.26	0.93	0.26	0.41	2.93	7.14	8.07	0.30	0.60
155.0	1.41	0.30	0.71	0.26	0.86	0.30	0.41	1.82	4.80	5.24	0.33	0.56
160.0	1.37	0.30	0.63	0.26	0.78	0.30	0.41	1.41	2.34	3.23	0.33	0.52
165.0	1.33	0.30	0.60	0.30	0.71	0.30	0.41	1.22	0.67	1.97	0.33	0.52
170.0	1.30	0.37	0.60	0.30	0.67	0.30	0.45	1.22	0.41	1.26	0.33	0.48
175.0	1.22	0.63	0.56	0.30	0.63	0.30	0.52	1.37	0.30	0.93	0.33	0.45
180.0	1.19	0.86	0.52	0.33	0.56	0.33	1.11	1.07	0.33	0.82	0.41	0.45

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: