

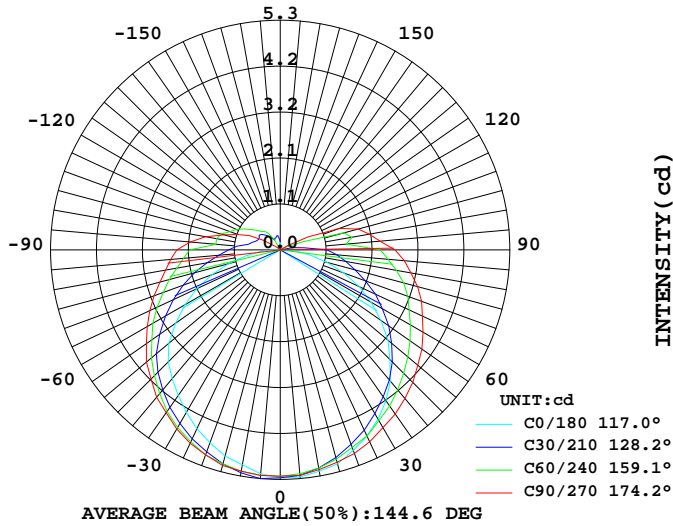
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

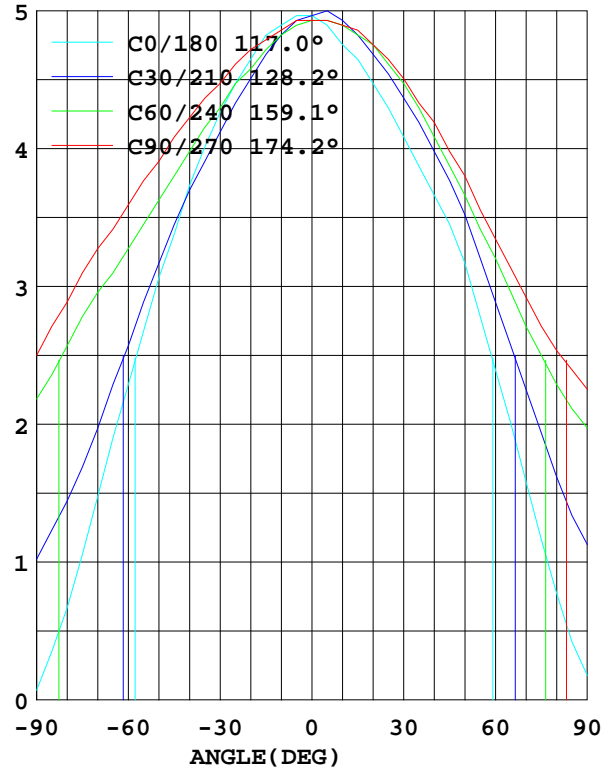
MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	5.283	S/MH(C0/180)	1.28
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.37
NOMINAL POWER(W)	6	TOTAL FLUX(lm)	23.102	Voltage(V)	24.28
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	3.8	Current(A)	0.250
NOMINAL FLUX(lm)	23.1	η up(%)	12.6	Power(W)	6.080
LAMPS QUANTITY	1	η down(%)	87.4	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.3	Effective Flux(lm)	12.9	EEL	1.600

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.:

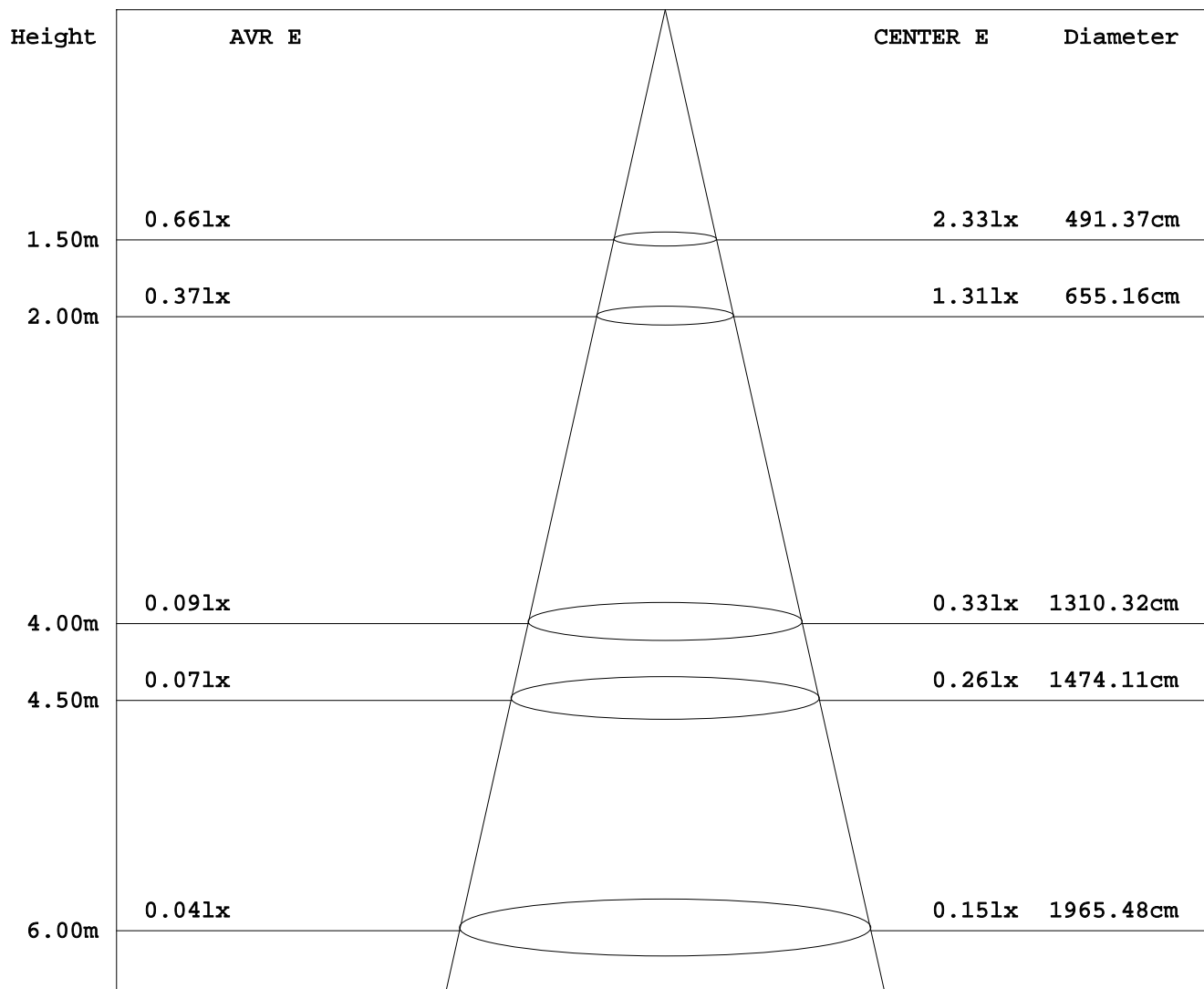
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年06月26日

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: 117.2deg

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	5.172	5.097	5.134	5.134	5.023	5.190	5.172	5.097	0- 10	0.494	0.494
20.0	4.911	4.800	4.986	4.893	4.725	4.986	5.023	4.837	10- 20	1.420	1.914
30.0	4.502	4.446	4.725	4.595	4.316	4.669	4.762	4.483	20- 30	2.187	4.102
40.0	3.944	4.055	4.465	4.223	3.869	4.260	4.427	4.074	30- 40	2.738	6.841
50.0	3.237	3.590	4.130	3.795	3.348	3.795	4.018	3.627	40- 50	3.041	9.882
60.0	2.418	3.088	3.795	3.311	2.530	3.218	3.534	3.088	50- 60	3.062	12.94
70.0	1.562	2.604	3.460	2.809	1.674	2.623	3.088	2.567	60- 70	2.839	15.78
80.0	0.707	2.120	3.051	2.344	0.819	2.065	2.679	2.065	70- 80	2.438	18.22
90.0	0.074	1.693	2.641	1.897	0.186	1.637	2.381	1.674	80- 90	1.971	20.19
100.0	0	0.986	2.083	1.265	0	1.116	1.748	0.651	90-100	1.313	21.50
110.0	0	0.298	1.451	0.837	0	0.912	1.041	0.149	100-110	0.848	22.35
120.0	0	0.037	0.186	0.372	0	0.763	0.447	0.019	110-120	0.396	22.75
130.0	0	0.019	0	0.205	0.037	0.633	0.074	0	120-130	0.172	22.92
140.0	0	0	0	0.093	0.037	0.484	0	0	130-140	0.096	23.01
150.0	0	0	0	0.037	0.074	0.260	0	0	140-150	0.050	23.06
160.0	0	0	0	0.019	0.074	0.149	0	0	150-160	0.019	23.08
170.0	0	0	0	0	0.074	0.167	0	0	160-170	0.010	23.09
180.0	0.186	0.056	0	0	0.037	0.093	0	0.037	170-180	0.004	23.10
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:

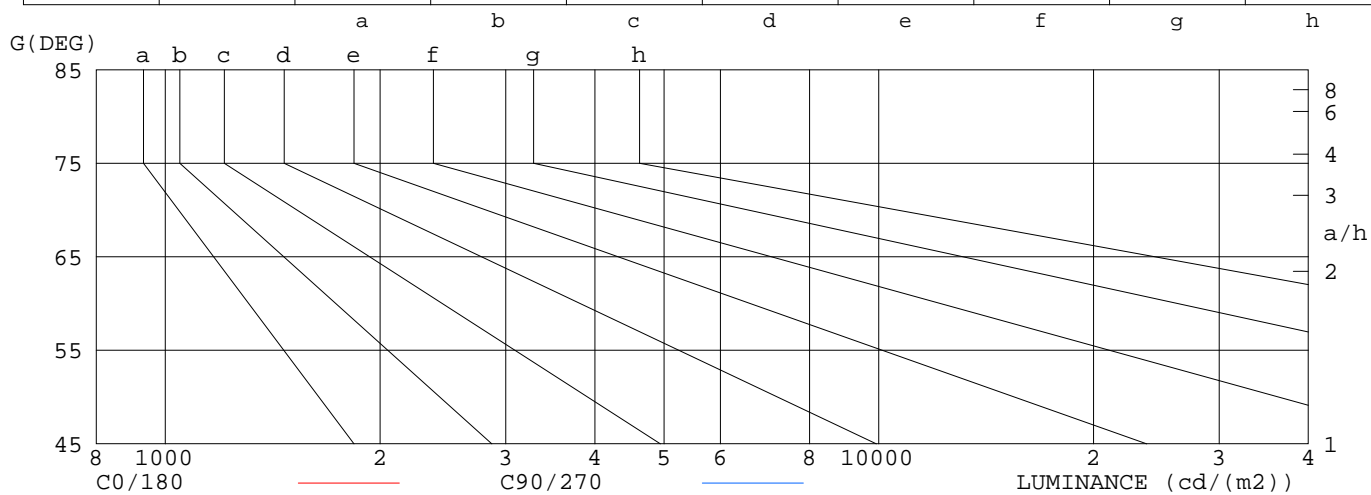
LUMINANCE LIMITATION CURVES

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	43	329
80	41	176
75	43	127
70	46	101
65	48	85
60	48	76
55	49	69
50	50	64
45	51	61

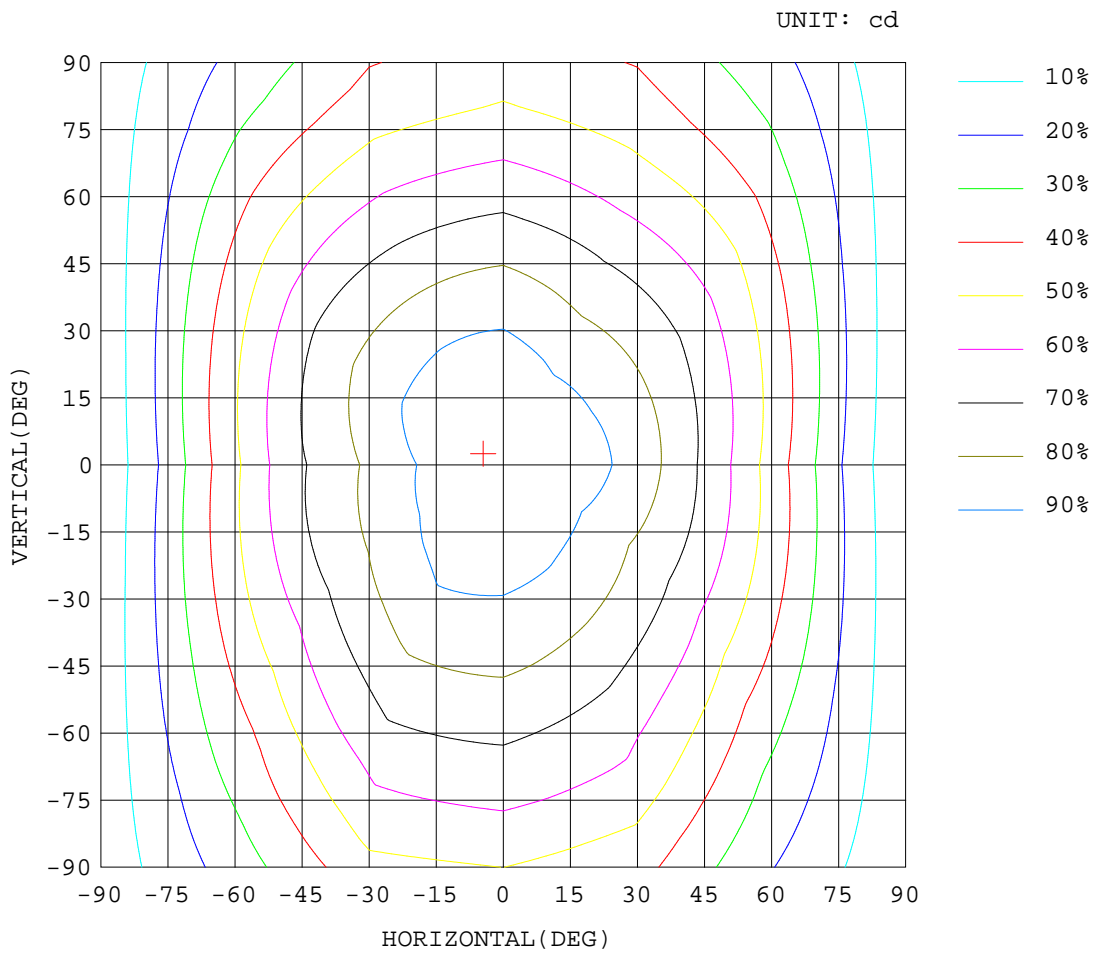
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025年06月26日

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.:



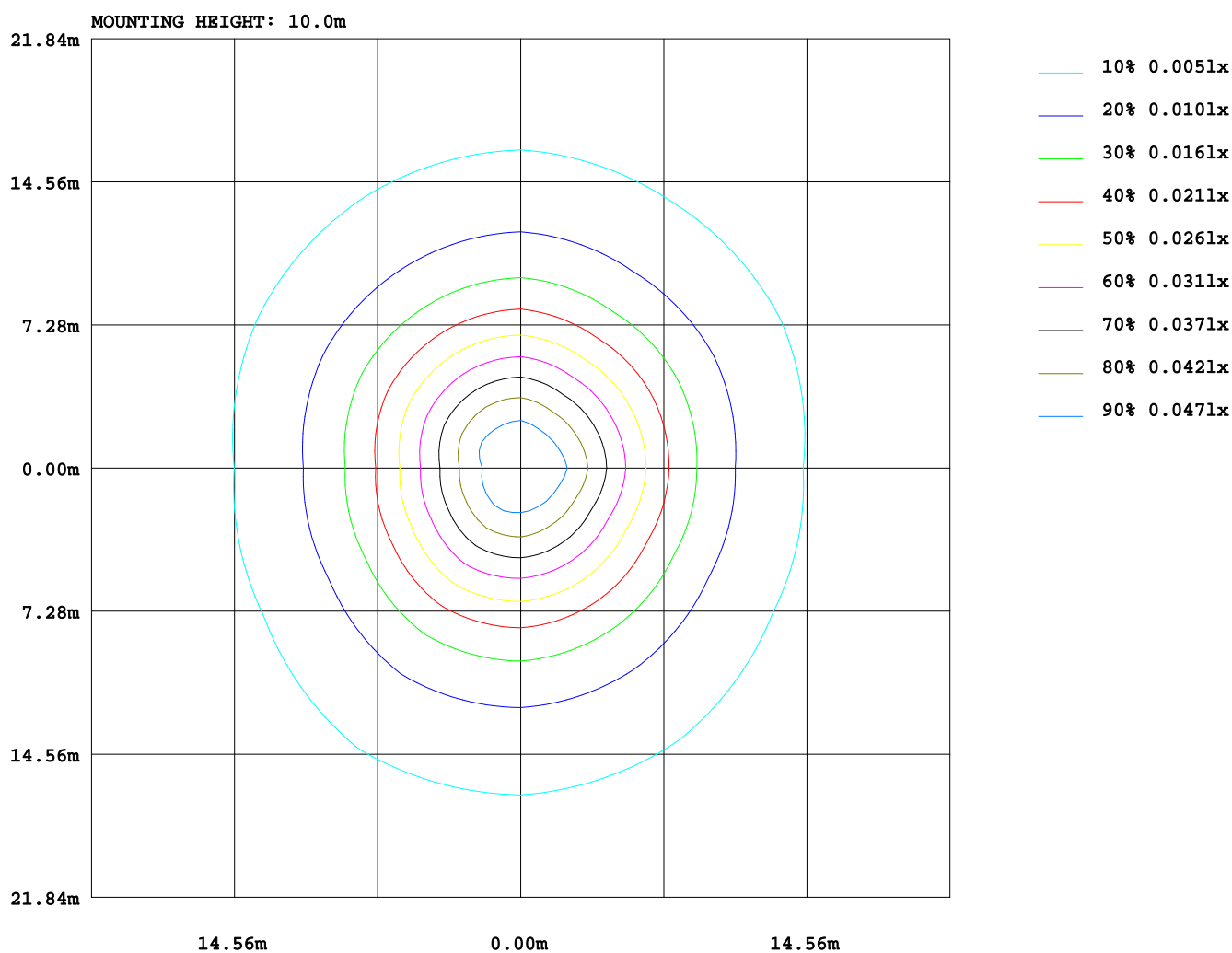
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2025年06月26日

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	0.00	0.01	0.01	0.03	0.04	0.05	0.06	0.07	0.08	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.00	0.69	0.65		
80	0.00	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.09	0.09	0.08	0.07	0.06	0.04	0.03	0.02	0.01	0.00	0.79	0.74		
70	0.00	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.10	0.10	0.09	0.08	0.07	0.05	0.04	0.02	0.01	0.00	0.91	0.85		
60	0.00	0.01	0.02	0.04	0.06	0.08	0.09	0.11	0.11	0.11	0.10	0.09	0.08	0.06	0.04	0.02	0.01	0.00	1.03	0.97		
50	0.00	0.01	0.02	0.04	0.07	0.09	0.11	0.12	0.13	0.12	0.11	0.10	0.08	0.06	0.04	0.02	0.01	0.00	1.15	1.08		
40	0.00	0.01	0.03	0.05	0.07	0.10	0.12	0.13	0.14	0.14	0.12	0.11	0.09	0.07	0.05	0.03	0.01	0.00	1.25	1.18		
30	0.00	0.01	0.03	0.05	0.08	0.10	0.12	0.14	0.15	0.15	0.13	0.12	0.10	0.07	0.05	0.03	0.01	0.00	1.33	1.26		
	0.00	0.01	0.03	0.05	0.08	0.10	0.13	0.15	0.15	0.15	0.14	0.12	0.10	0.08	0.05	0.03	0.01	0.00	1.39	1.31		
	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	1.40	1.33		
	0.00	0.01	0.03	0.05	0.08	0.10	0.13	0.14	0.16	0.16	0.15	0.13	0.10	0.08	0.05	0.03	0.01	0.00	1.39	1.31		
	0.00	0.01	0.03	0.05	0.08	0.10	0.12	0.14	0.15	0.15	0.14	0.12	0.10	0.08	0.05	0.03	0.01	0.00	1.36	1.28		
-30	0.00	0.01	0.03	0.05	0.07	0.10	0.12	0.14	0.15	0.15	0.13	0.12	0.10	0.07	0.05	0.03	0.01	0.00	1.31	1.23		
-40	0.00	0.01	0.03	0.05	0.07	0.09	0.12	0.13	0.14	0.14	0.13	0.11	0.09	0.07	0.04	0.02	0.01	0.00	1.24	1.17		
-50	0.00	0.01	0.02	0.04	0.07	0.09	0.11	0.12	0.13	0.13	0.12	0.10	0.08	0.06	0.04	0.02	0.01	0.00	1.16	1.09		
-60	0.00	0.01	0.02	0.04	0.06	0.08	0.10	0.11	0.12	0.12	0.11	0.10	0.08	0.06	0.04	0.02	0.01	0.00	1.07	1.01		
-70	0.00	0.01	0.02	0.04	0.06	0.08	0.09	0.10	0.11	0.11	0.10	0.09	0.07	0.05	0.03	0.02	0.01	0.00	0.98	0.93		
-80	0.00	0.01	0.02	0.03	0.05	0.07	0.08	0.09	0.10	0.10	0.09	0.08	0.06	0.05	0.03	0.02	0.01	0.00	0.88	0.83		
-90	0.00	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.09	0.08	0.08	0.07	0.06	0.04	0.02	0.01	0.01	0.00	0.77	0.73		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90		
Φ t	0.03	0.16	0.42	0.76	1.14	1.53	1.86	2.10	2.23	2.21	2.04	1.80	1.47	1.10	0.73	0.39	0.15	0.02	23			
Φ a	0.00	0.00	0.00	0.76	1.14	1.53	1.86	2.10	2.23	2.21	2.04	1.80	1.47	1.10	0.73	0.00	0.00	0.00		13		

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

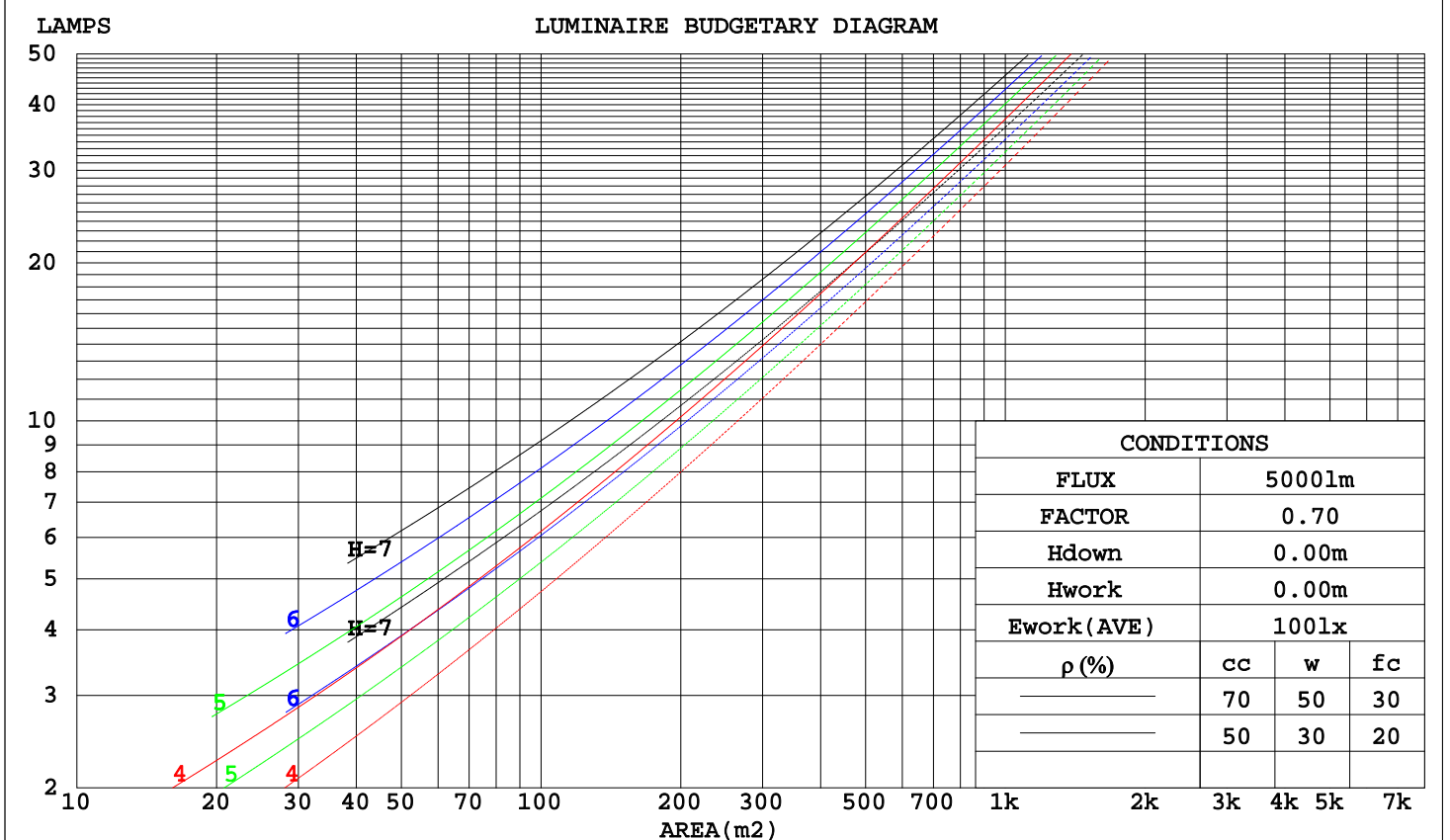
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.97	.97	.97	.90	.90	.90	.87
1.0	.96	.90	.85	.92	.87	.83	.86	.82	.78	.80	.76	.73	.74	.71	.69	.66
2.0	.82	.74	.67	.79	.71	.65	.73	.67	.62	.68	.63	.58	.63	.59	.55	.52
3.0	.71	.62	.54	.68	.60	.53	.63	.56	.50	.59	.53	.48	.55	.50	.45	.42
4.0	.62	.52	.45	.60	.51	.44	.56	.48	.42	.52	.45	.40	.48	.43	.38	.35
5.0	.55	.45	.38	.53	.44	.37	.50	.42	.36	.46	.39	.34	.43	.37	.33	.30
6.0	.49	.40	.33	.48	.39	.32	.44	.37	.31	.42	.35	.30	.39	.33	.28	.26
7.0	.44	.35	.29	.43	.34	.28	.40	.33	.27	.38	.31	.26	.35	.29	.25	.23
8.0	.40	.31	.25	.39	.31	.25	.37	.29	.24	.35	.28	.23	.32	.27	.22	.20
9.0	.37	.28	.23	.36	.28	.22	.34	.27	.21	.32	.25	.21	.30	.24	.20	.18
10.0	.34	.26	.20	.33	.25	.20	.31	.24	.19	.29	.23	.19	.28	.22	.18	.16



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	.402	.229	.072	.391	.223	.071	.370	.212	.068	.351	.203	.065	.334	.193	.062	
2.0	.345	.189	.058	.335	.185	.057	.316	.176	.055	.299	.168	.053	.283	.160	.050	
3.0	.305	.162	.049	.296	.159	.048	.279	.151	.046	.264	.144	.044	.249	.138	.043	
4.0	.274	.142	.042	.266	.139	.041	.250	.133	.040	.236	.127	.038	.223	.121	.037	
5.0	.248	.126	.037	.241	.124	.036	.227	.118	.035	.214	.113	.034	.202	.108	.032	
6.0	.227	.114	.033	.220	.111	.032	.208	.106	.031	.196	.102	.030	.185	.097	.029	
7.0	.209	.103	.029	.203	.101	.029	.191	.097	.028	.181	.093	.027	.171	.089	.026	
8.0	.193	.095	.027	.188	.093	.026	.178	.089	.025	.168	.085	.025	.159	.081	.024	
9.0	.180	.087	.024	.175	.085	.024	.165	.082	.023	.157	.078	.022	.148	.075	.022	
10.0	.168	.081	.022	.164	.079	.022	.155	.076	.021	.147	.073	.021	.139	.070	.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	.286	.286	.286	.245	.245	.245	.167	.167	.167	.096	.096	.096	.031	.031	.031	
1.0	.283	.252	.224	.242	.216	.193	.166	.149	.133	.095	.086	.077	.031	.028	.025	
2.0	.277	.229	.189	.237	.197	.163	.162	.136	.114	.094	.079	.067	.030	.026	.022	
3.0	.269	.212	.167	.231	.183	.145	.158	.127	.102	.091	.074	.060	.029	.024	.020	
4.0	.261	.200	.153	.224	.173	.133	.154	.120	.094	.089	.070	.055	.029	.023	.018	
5.0	.253	.190	.143	.217	.164	.125	.150	.115	.088	.087	.067	.052	.028	.022	.017	
6.0	.246	.182	.136	.211	.158	.119	.146	.110	.084	.084	.065	.050	.027	.021	.016	
7.0	.238	.175	.131	.205	.152	.114	.142	.106	.081	.082	.063	.048	.027	.021	.016	
8.0	.231	.170	.127	.199	.147	.111	.138	.103	.079	.080	.061	.047	.026	.020	.016	
9.0	.225	.165	.124	.194	.143	.108	.134	.100	.077	.078	.059	.046	.025	.019	.015	
10.0	.219	.161	.122	.189	.139	.106	.131	.098	.075	.076	.058	.045	.025	.019	.015	

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		1.2	2.7	1.7	3.1	3.6	3.1	4.5	3.5	5.0	5.4
	3H	2.9	4.3	3.4	4.7	5.2	6.0	7.3	6.4	7.8	8.3
	4H	3.6	4.9	4.1	5.4	5.9	7.5	8.8	8.0	9.3	9.9
	6H	4.2	5.4	4.7	5.9	6.4	9.3	10.5	9.8	11.0	11.6
	8H	4.4	5.6	4.9	6.1	6.6	10.3	11.5	10.8	12.0	12.5
	12H	4.5	5.7	5.1	6.2	6.8	11.4	12.5	11.9	13.1	13.6
	4H 2H	2.3	3.6	2.8	4.1	4.6	3.7	5.0	4.2	5.5	6.0
	3H	4.2	5.4	4.8	5.9	6.5	6.8	8.0	7.4	8.5	9.1
	4H	5.1	6.2	5.7	6.7	7.3	8.6	9.7	9.2	10.2	10.8
	6H	5.9	6.8	6.5	7.4	8.0	10.6	11.5	11.2	12.1	12.7
	8H	6.2	7.1	6.8	7.7	8.3	11.7	12.6	12.3	13.1	13.8
	12H	6.5	7.3	7.1	7.9	8.6	12.9	13.8	13.6	14.4	15.1
	8H 4H	6.2	7.1	6.8	7.7	8.3	9.0	9.9	9.6	10.5	11.1
	6H	7.3	8.1	8.0	8.7	9.4	11.3	12.0	11.9	12.6	13.3
	8H	7.9	8.5	8.5	9.2	9.9	12.6	13.3	13.2	13.9	14.6
	12H	8.3	8.9	9.0	9.6	10.3	14.2	14.8	14.8	15.4	16.2
	12H 4H	6.6	7.4	7.2	8.0	8.7	9.0	9.8	9.6	10.4	11.1
	6H	7.9	8.6	8.6	9.3	10.0	11.4	12.1	12.0	12.7	13.4
	8H	8.6	9.2	9.3	9.9	10.6	12.8	13.4	13.5	14.1	14.8
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					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 23.10 lm Total Lamp Luminous Flux. (8log(F/F0) = -13.1)

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) $k(RI) \times RCR = 5$										
$k = 0.60$	49	36	29	48	36	28	46	35	28	21	
0.80	58	44	36	56	44	36	54	43	35	28	
1.00	65	52	44	64	51	43	61	53	42	34	
1.25	72	59	51	70	58	50	67	56	49	40	
1.50	77	65	56	75	64	55	71	61	54	44	
2.00	85	73	65	82	72	64	77	68	62	51	
2.50	89	79	71	86	77	69	81	73	67	55	
3.00	93	83	76	90	81	74	84	77	71	59	
4.00	98	90	83	94	87	81	88	82	77	64	
5.00	101	94	88	97	91	85	91	85	81	67	
ROOM INDEX	UF(total)									Direct	
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25			

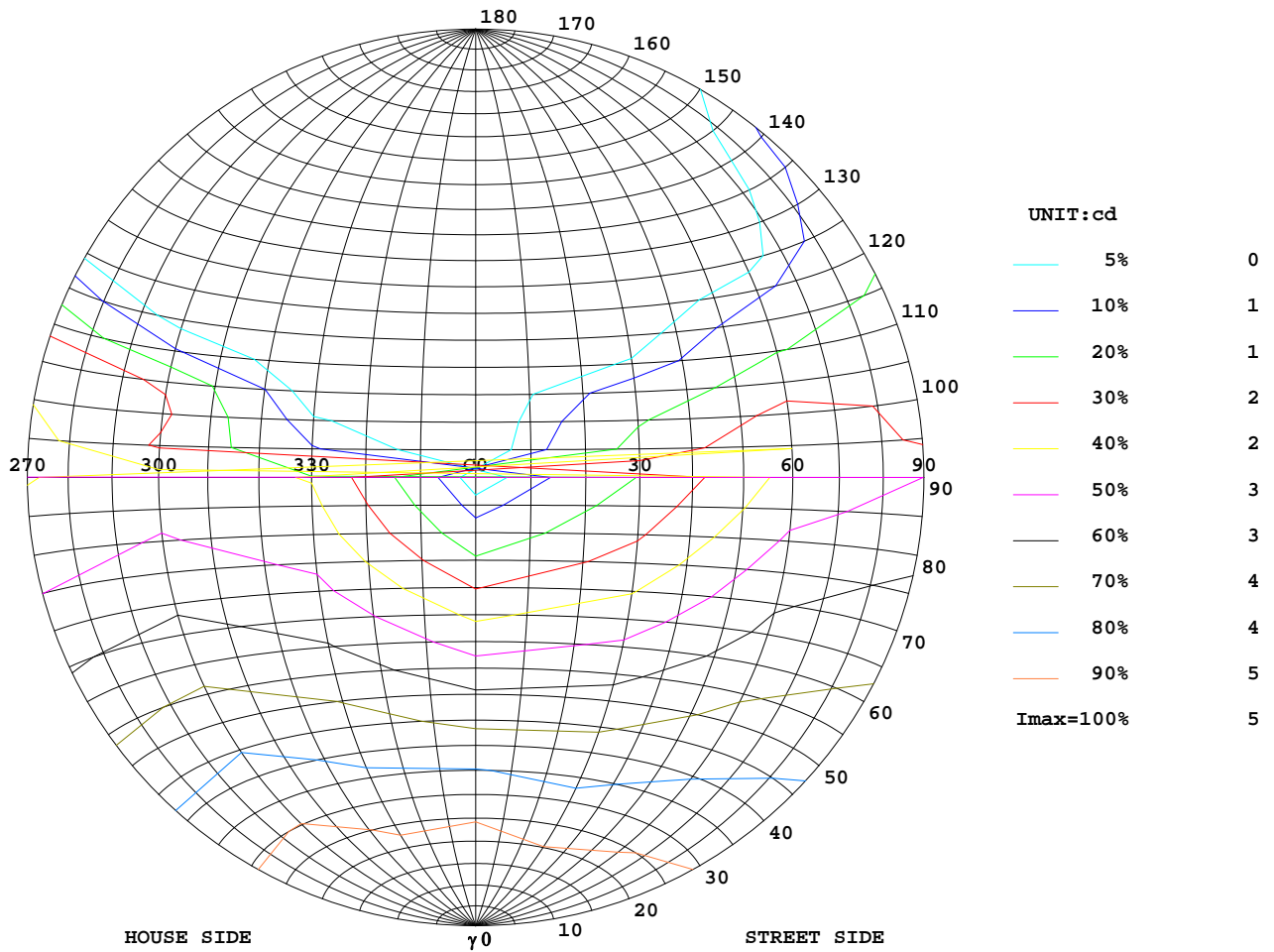
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2025年06月26日

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

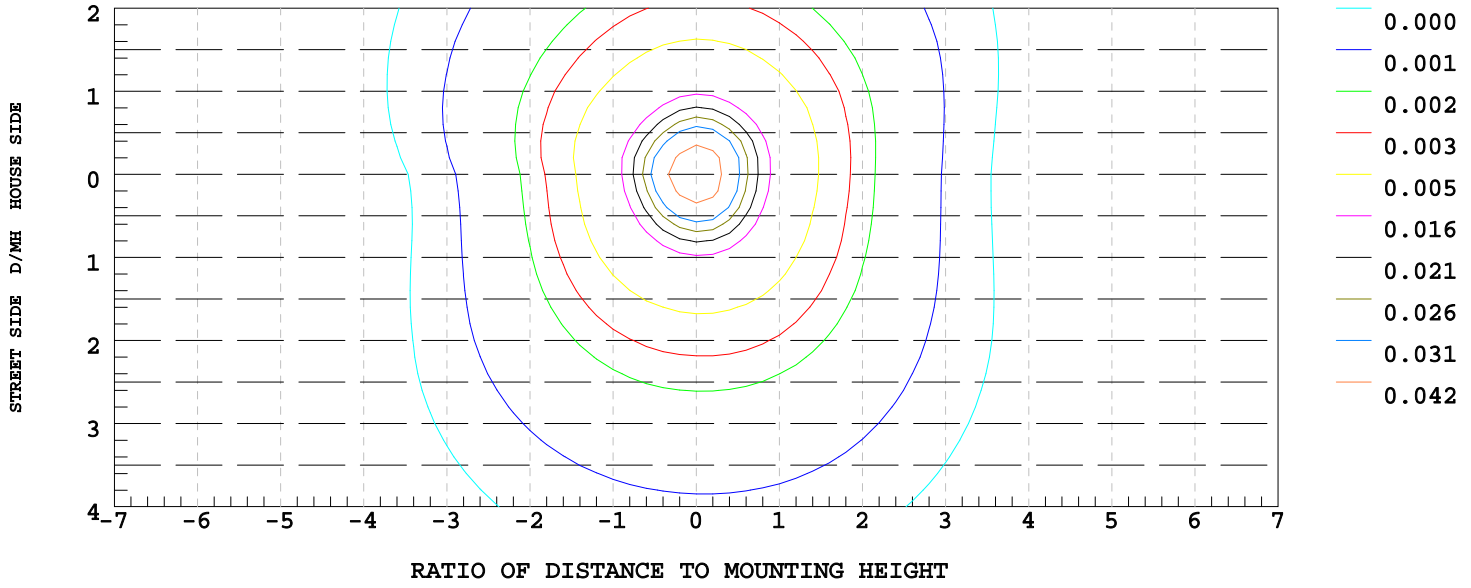
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.100 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.05 lx



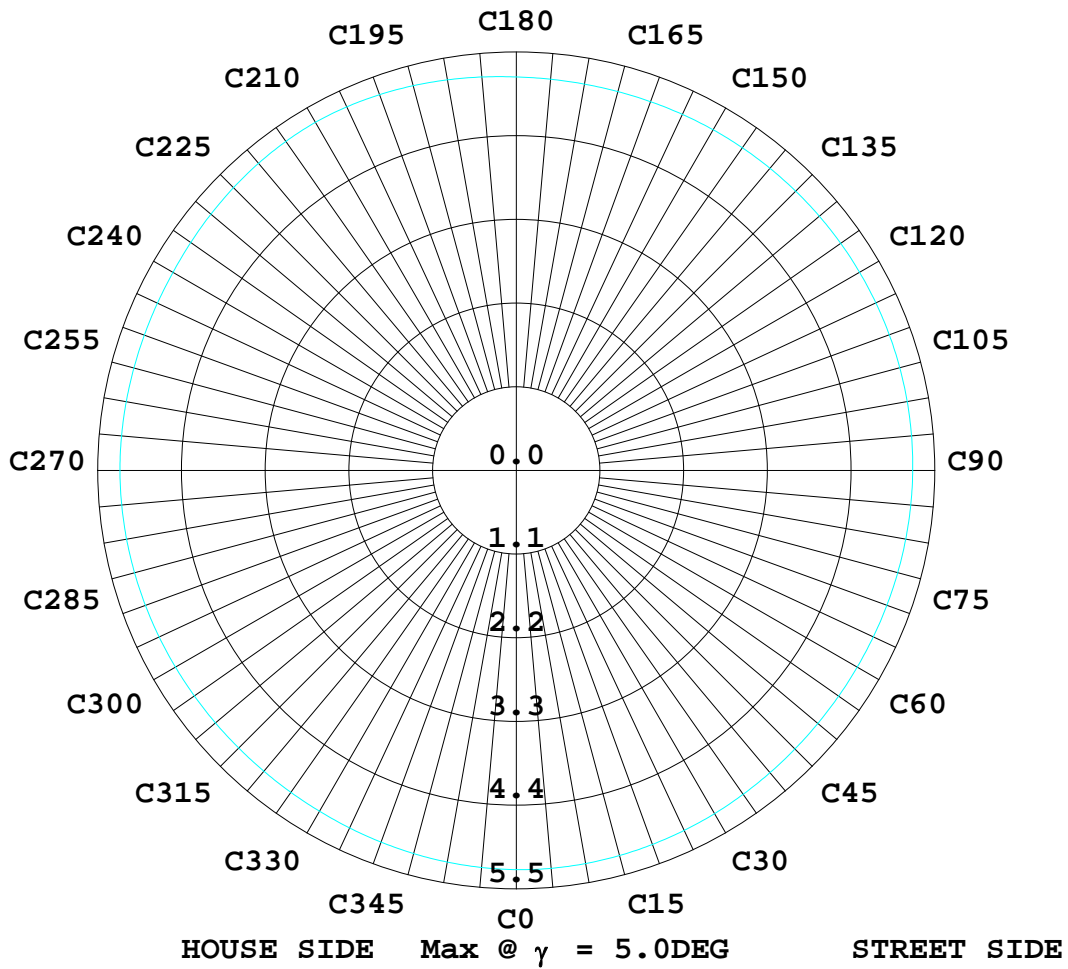
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025年06月26日

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	5.24	5.24	5.20	5.20	5.20	5.20	5.24	5.24	5.20	5.20	5.20	5.20
5.0	5.24	5.20	5.17	5.20	5.20	5.17	5.17	5.28	5.20	5.20	5.17	5.17
10.0	5.17	5.09	5.09	5.13	5.17	5.09	5.02	5.20	5.17	5.17	5.09	5.09
15.0	5.09	4.94	4.98	5.06	5.09	4.98	4.91	5.09	5.09	5.13	4.98	4.98
20.0	4.91	4.76	4.83	4.98	4.98	4.80	4.72	4.94	5.02	5.02	4.83	4.83
25.0	4.72	4.57	4.72	4.87	4.87	4.65	4.53	4.80	4.87	4.91	4.68	4.68
30.0	4.50	4.35	4.53	4.72	4.76	4.42	4.31	4.61	4.72	4.76	4.50	4.46
35.0	4.24	4.13	4.39	4.61	4.61	4.24	4.09	4.42	4.53	4.57	4.31	4.27
40.0	3.94	3.90	4.20	4.46	4.42	4.01	3.86	4.20	4.31	4.42	4.09	4.05
45.0	3.57	3.64	4.01	4.31	4.27	3.79	3.64	3.98	4.09	4.20	3.86	3.79
50.0	3.23	3.34	3.83	4.13	4.09	3.49	3.34	3.72	3.86	4.01	3.68	3.57
55.0	2.82	3.05	3.64	3.98	3.90	3.20	2.93	3.38	3.60	3.75	3.42	3.27
60.0	2.41	2.71	3.46	3.79	3.72	2.90	2.53	3.05	3.38	3.53	3.20	2.97
65.0	2.00	2.41	3.27	3.60	3.53	2.60	2.12	2.71	3.12	3.31	2.97	2.67
70.0	1.56	2.08	3.12	3.46	3.31	2.30	1.67	2.38	2.86	3.08	2.75	2.38
75.0	1.11	1.78	2.93	3.27	3.12	2.00	1.22	2.04	2.64	2.86	2.56	2.04
80.0	0.71	1.52	2.71	3.05	2.90	1.78	0.82	1.71	2.41	2.67	2.38	1.74
85.0	0.37	1.30	2.49	2.86	2.71	1.52	0.45	1.41	2.23	2.53	2.23	1.48
90.0	0.07	1.07	2.30	2.64	2.49	1.30	0.19	1.19	2.08	2.38	2.08	1.26
95.0	0.00	0.56	1.52	2.30	1.56	0.86	0.00	1.00	1.48	2.08	1.22	0.78
100.0	0.00	0.30	1.67	2.08	1.78	0.74	0.00	0.74	1.48	1.74	1.00	0.30
105.0	0.00	0.04	1.52	1.86	1.60	0.52	0.00	0.67	1.41	1.33	0.74	0.11
110.0	0.00	0.04	0.56	1.45	1.33	0.33	0.00	0.60	1.22	1.04	0.30	0.00
115.0	0.00	0.00	0.15	0.71	0.89	0.26	0.00	0.56	1.11	0.78	0.11	0.00
120.0	0.00	0.00	0.07	0.19	0.56	0.19	0.00	0.56	0.97	0.45	0.04	0.00
125.0	0.00	0.00	0.04	0.00	0.37	0.15	0.04	0.60	0.82	0.15	0.00	0.00
130.0	0.00	0.00	0.04	0.00	0.26	0.15	0.04	0.56	0.71	0.07	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.19	0.11	0.04	0.48	0.60	0.04	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.11	0.07	0.04	0.41	0.56	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.07	0.07	0.04	0.33	0.45	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.04	0.04	0.07	0.26	0.26	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.04	0.04	0.07	0.30	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.04	0.07	0.30	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.33	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.33	0.00	0.00	0.00	0.00
175.0	0.11	0.00	0.00	0.00	0.00	0.00	0.07	0.26	0.00	0.00	0.00	0.00
180.0	0.19	0.11	0.00	0.00	0.00	0.00	0.04	0.19	0.00	0.00	0.00	0.07

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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 Test Distance:6.100 m
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