

# LUMINAIRE PHOTOMETRIC TEST REPORT

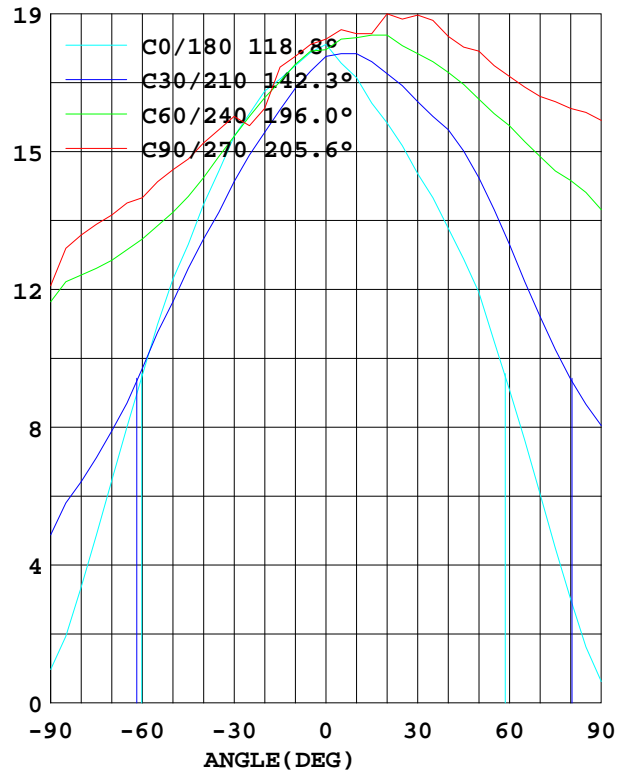
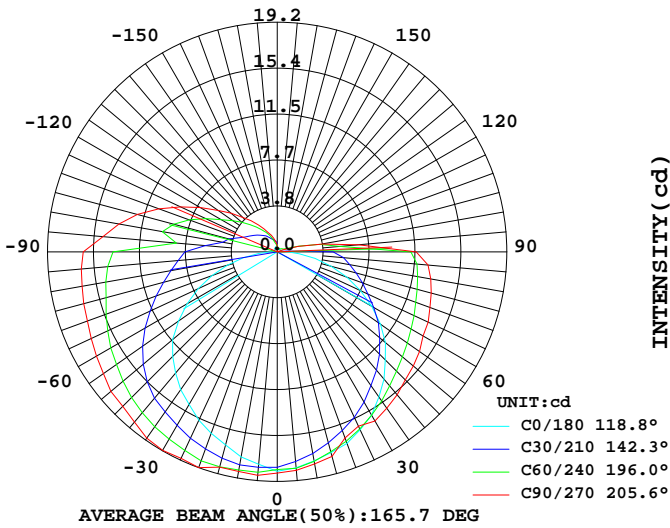
Report number:

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

DATA OF LAMP		Imax(cd)	19.38	S/MH(C0/180)	1.28
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.34
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	98.304	Voltage(V)	24.18
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	10.8	Current(A)	0.377
NOMINAL FLUX(lm)	98.3	$\eta$ up(%)	16.0	Power(W)	9.140
LAMPS QUANTITY	1	$\eta$ down(%)	84.0	Power Factor(PF)	0.999
TEST VOLTAGE(V)	24.2	Effective Flux(lm)	48.6	EEL	1.073

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



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:

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## Color Temperature Data List

Report number:

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

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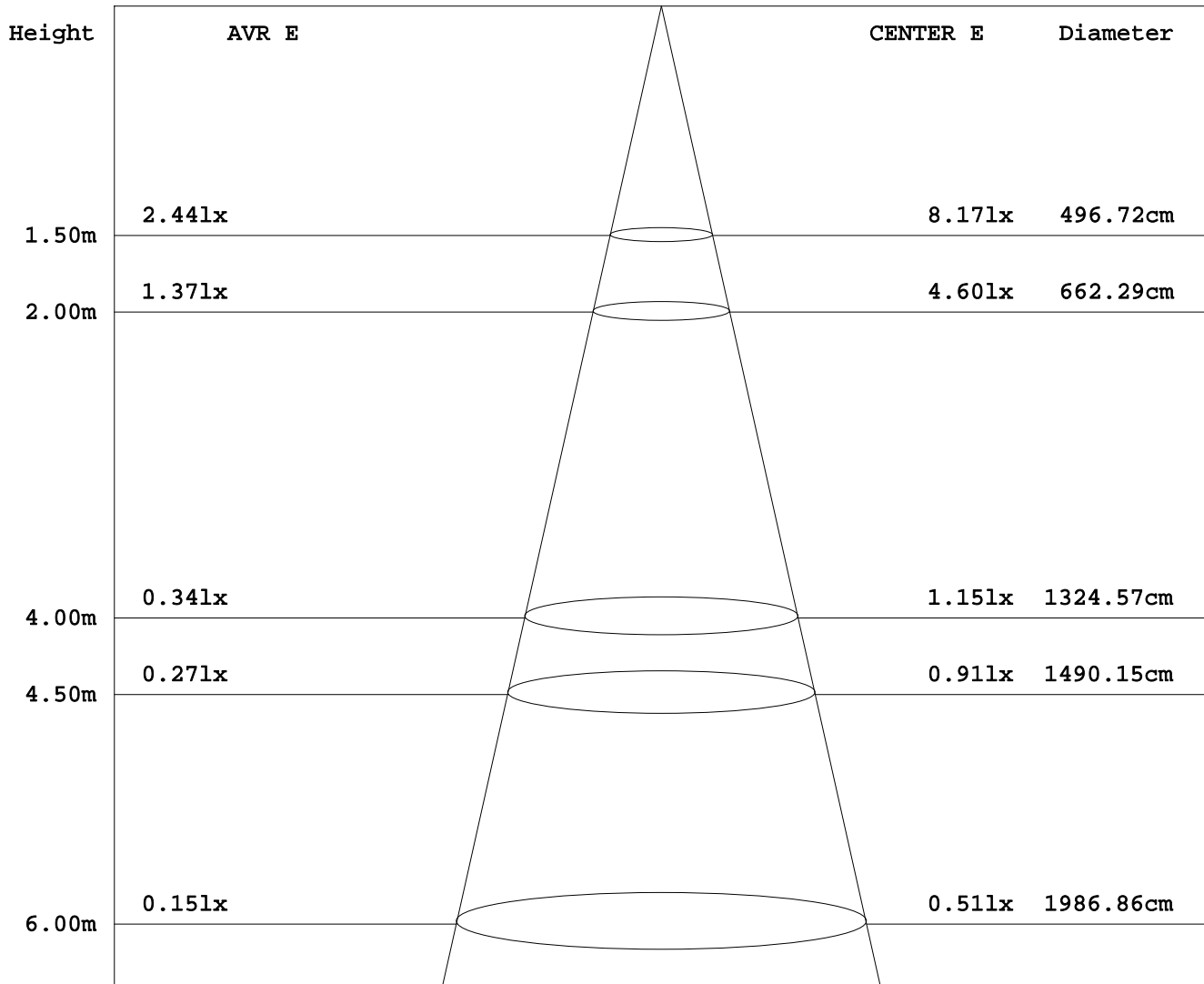
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2025年06月26日

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.:	

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
10.0	17.78	17.48	18.04	18.53	17.45	18.34	18.67	19.05	0- 10	1.755	1.755
20.0	17.07	16.40	16.59	17.60	16.18	18.10	19.23	18.62	10- 20	5.066	6.822
30.0	15.81	15.18	16.37	16.44	14.77	17.45	19.20	17.91	20- 30	7.906	14.72
40.0	13.91	13.80	15.62	15.16	13.24	16.80	18.60	17.02	30- 40	10.12	24.85
50.0	11.83	12.44	14.88	13.69	11.46	15.75	18.19	15.98	40- 50	11.57	36.43
60.0	9.153	11.14	14.10	12.24	8.744	14.45	17.48	14.77	50- 60	12.21	48.64
70.0	6.214	9.972	13.61	10.82	5.841	13.02	16.93	13.54	60- 70	12.06	60.71
80.0	3.237	9.060	13.06	9.749	2.902	11.81	16.59	12.40	70- 80	11.40	72.11
90.0	0.930	7.944	11.64	8.651	0.595	10.75	16.26	11.31	80- 90	10.42	82.53
100.0	0.447	1.934	3.832	3.032	0.112	7.218	13.47	6.121	90-100	6.673	89.20
110.0	0.372	0.484	0.521	0.837	0.149	5.655	10.56	3.665	100-110	3.810	93.01
120.0	0.335	0.298	0.074	0.353	0.223	4.037	7.442	1.953	110-120	2.214	95.23
130.0	0.298	0.242	0.074	0.260	0.260	3.032	5.060	1.116	120-130	1.349	96.58
140.0	0.260	0.205	0.074	0.223	0.335	2.251	3.423	0.633	130-140	0.824	97.40
150.0	0.223	0.186	0.074	0.205	0.372	1.655	2.232	0.353	140-150	0.482	97.88
160.0	0.223	0.167	0.112	0.205	0.447	1.153	1.488	0.242	150-160	0.260	98.14
170.0	0.260	0.167	0.112	0.186	0.447	0.819	0.930	0.186	160-170	0.121	98.26
180.0	0.595	0.540	0.298	0.167	0.484	0.595	0.447	0.167	170-180	0.036	98.30
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:

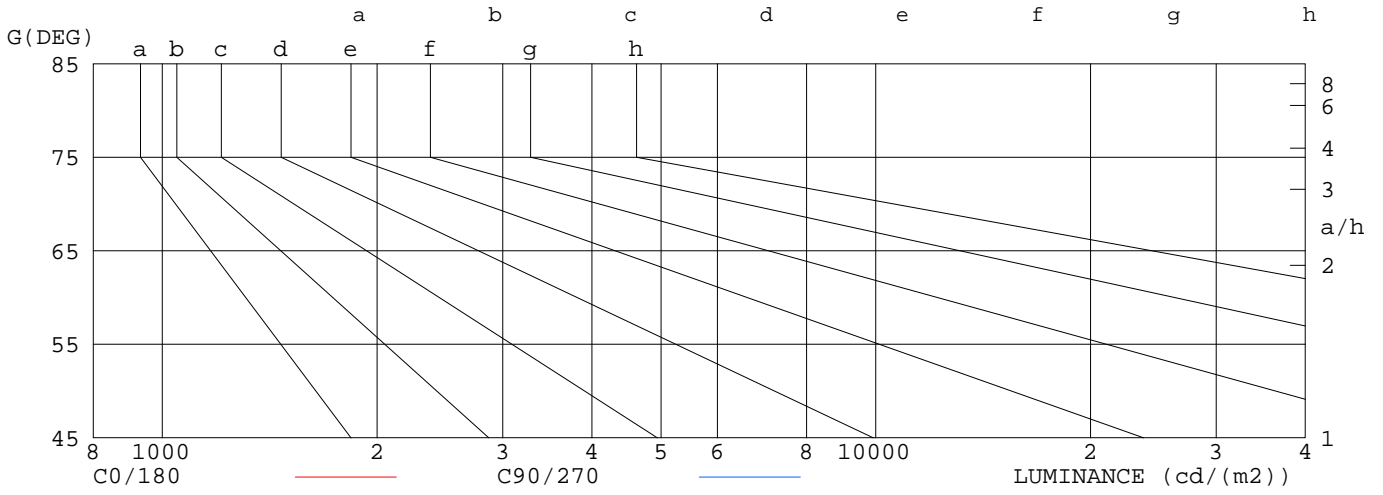
# LUMINANCE LIMITATION CURVES

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b>		<b>TYPE:</b>	
<b>SPECIFICATION:</b>		<b>SERIAL No.:</b>	
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	213	1456
80	186	752
75	181	516
70	182	398
65	182	330
60	183	282
55	184	254
50	184	232
45	181	215

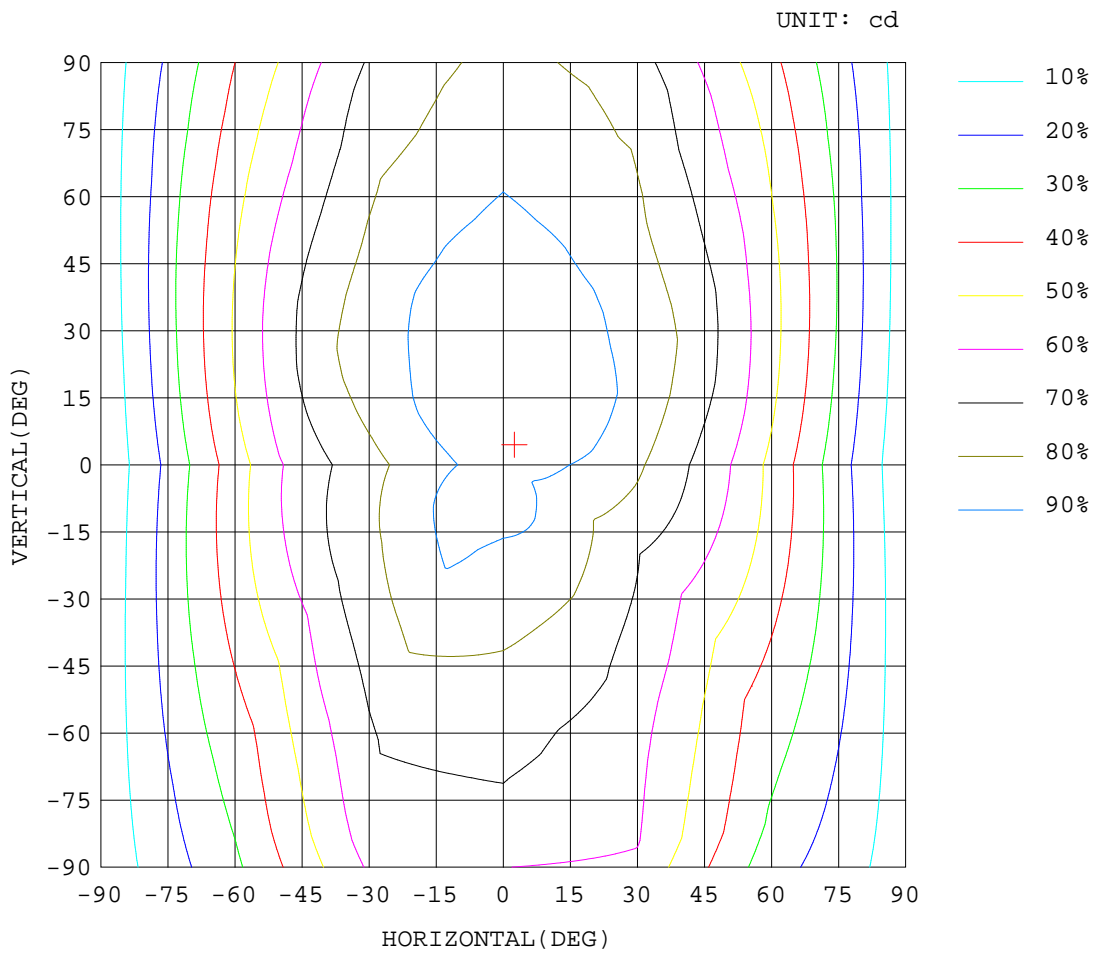
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2025年06月26日

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.:



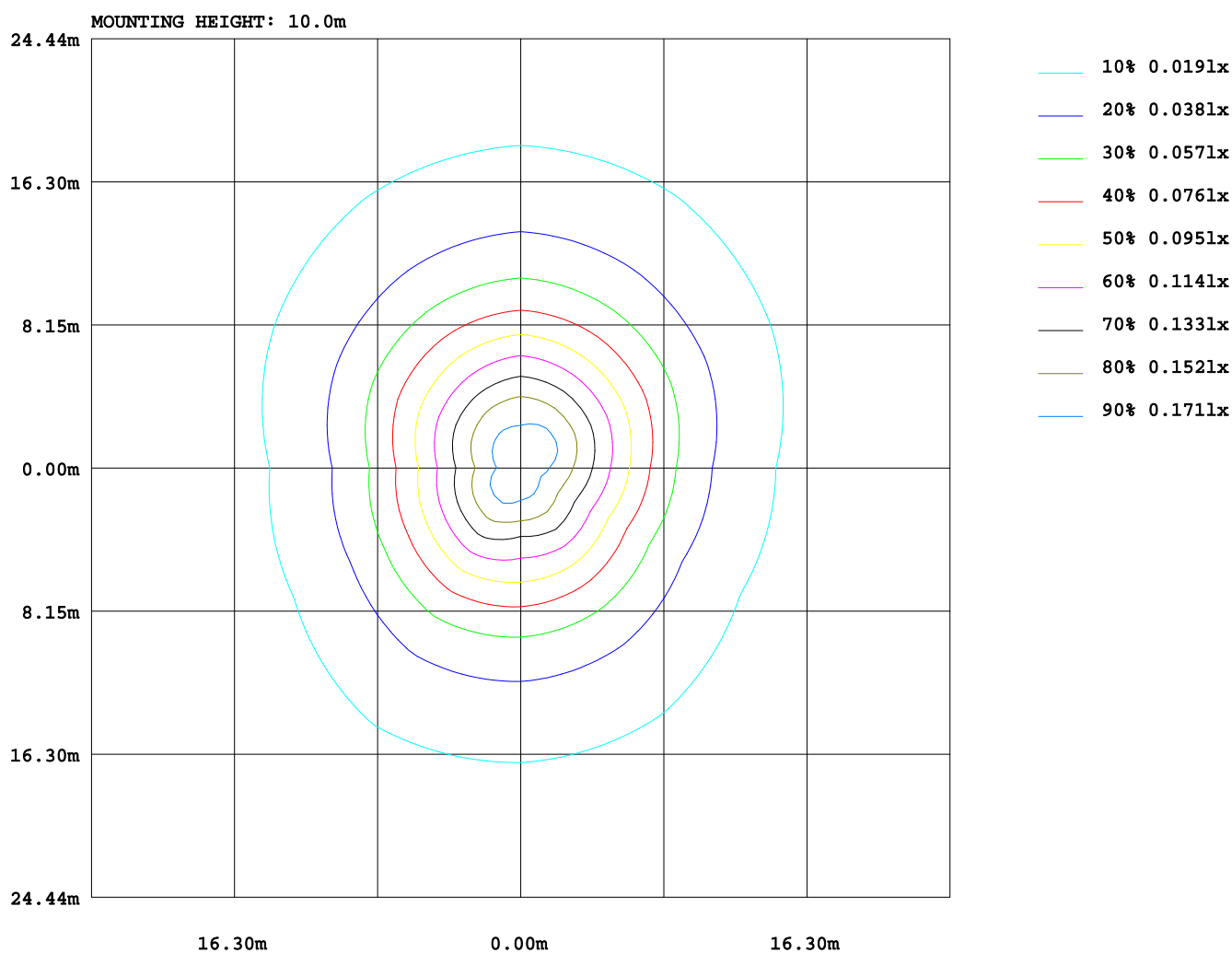
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025年06月26日

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.:			

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	0.01	0.04	0.09	0.16	0.24	0.33	0.40	0.45	0.49	0.49	0.46	0.42	0.34	0.25	0.17	0.10	0.04	0.01	4.46	4.19
80	0.01	0.04	0.09	0.17	0.25	0.34	0.42	0.46	0.50	0.50	0.47	0.43	0.35	0.26	0.18	0.10	0.04	0.01	4.62	4.33
70	0.01	0.04	0.10	0.18	0.26	0.35	0.43	0.48	0.51	0.51	0.49	0.44	0.36	0.28	0.19	0.11	0.04	0.01	4.78	4.48
60	0.01	0.04	0.10	0.19	0.28	0.37	0.44	0.50	0.53	0.53	0.50	0.45	0.37	0.29	0.20	0.11	0.05	0.01	4.95	4.63
50	0.01	0.04	0.11	0.19	0.29	0.38	0.46	0.51	0.55	0.55	0.51	0.46	0.39	0.30	0.20	0.11	0.05	0.01	5.10	4.78
40	0.01	0.04	0.11	0.20	0.30	0.39	0.47	0.53	0.56	0.57	0.53	0.47	0.40	0.30	0.20	0.11	0.05	0.01	5.23	4.91
30	0.01	0.04	0.11	0.20	0.30	0.39	0.47	0.53	0.57	0.57	0.54	0.48	0.40	0.31	0.20	0.11	0.05	0.01	5.28	4.96
20	0.01	0.04	0.11	0.19	0.29	0.38	0.46	0.53	0.57	0.57	0.54	0.48	0.39	0.30	0.20	0.11	0.04	0.01	5.22	4.91
10	0.01	0.04	0.10	0.18	0.28	0.36	0.44	0.51	0.55	0.57	0.53	0.47	0.38	0.29	0.19	0.10	0.04	0.01	5.04	4.75
0	0.01	0.04	0.10	0.18	0.27	0.35	0.44	0.51	0.56	0.54	0.49	0.44	0.36	0.27	0.18	0.10	0.04	0.01	4.87	4.59
-10	0.01	0.04	0.10	0.18	0.27	0.36	0.44	0.51	0.54	0.52	0.48	0.41	0.34	0.26	0.18	0.10	0.04	0.01	4.76	4.48
-20	0.01	0.04	0.10	0.17	0.26	0.35	0.43	0.50	0.51	0.49	0.46	0.40	0.32	0.24	0.17	0.10	0.04	0.01	4.58	4.30
-30	0.01	0.04	0.09	0.16	0.25	0.34	0.42	0.48	0.49	0.48	0.44	0.38	0.31	0.23	0.15	0.09	0.04	0.01	4.39	4.12
-40	0.01	0.04	0.09	0.15	0.24	0.33	0.41	0.45	0.46	0.45	0.42	0.37	0.30	0.21	0.14	0.08	0.04	0.01	4.18	3.92
-50	0.01	0.03	0.08	0.14	0.23	0.31	0.39	0.43	0.44	0.43	0.40	0.36	0.29	0.21	0.13	0.08	0.03	0.01	3.99	3.75
-60	0.01	0.03	0.08	0.14	0.22	0.30	0.37	0.40	0.42	0.41	0.39	0.35	0.28	0.20	0.13	0.07	0.03	0.01	3.82	3.60
-70	0.01	0.03	0.07	0.13	0.21	0.29	0.36	0.39	0.40	0.40	0.37	0.34	0.27	0.19	0.12	0.07	0.03	0.01	3.67	3.47
-80	0.00	0.03	0.06	0.12	0.20	0.28	0.34	0.37	0.38	0.38	0.35	0.32	0.26	0.18	0.11	0.06	0.02	0.00	3.47	3.29
-90																				
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL( DEG)				20	30	40	50	60	70	80	90
Φ t	0.11	0.66	1.67	3.02	4.60	6.20	7.58	8.52	9.03	8.98	8.38	7.45	6.11	4.56	3.04	1.70	0.70	0.12	98	
Φ a	0.00	0.00	0.00	3.02	4.60	6.20	7.58	8.52	9.03	8.98	8.38	7.45	6.11	4.56	3.04	0.00	0.00	0.00		49

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

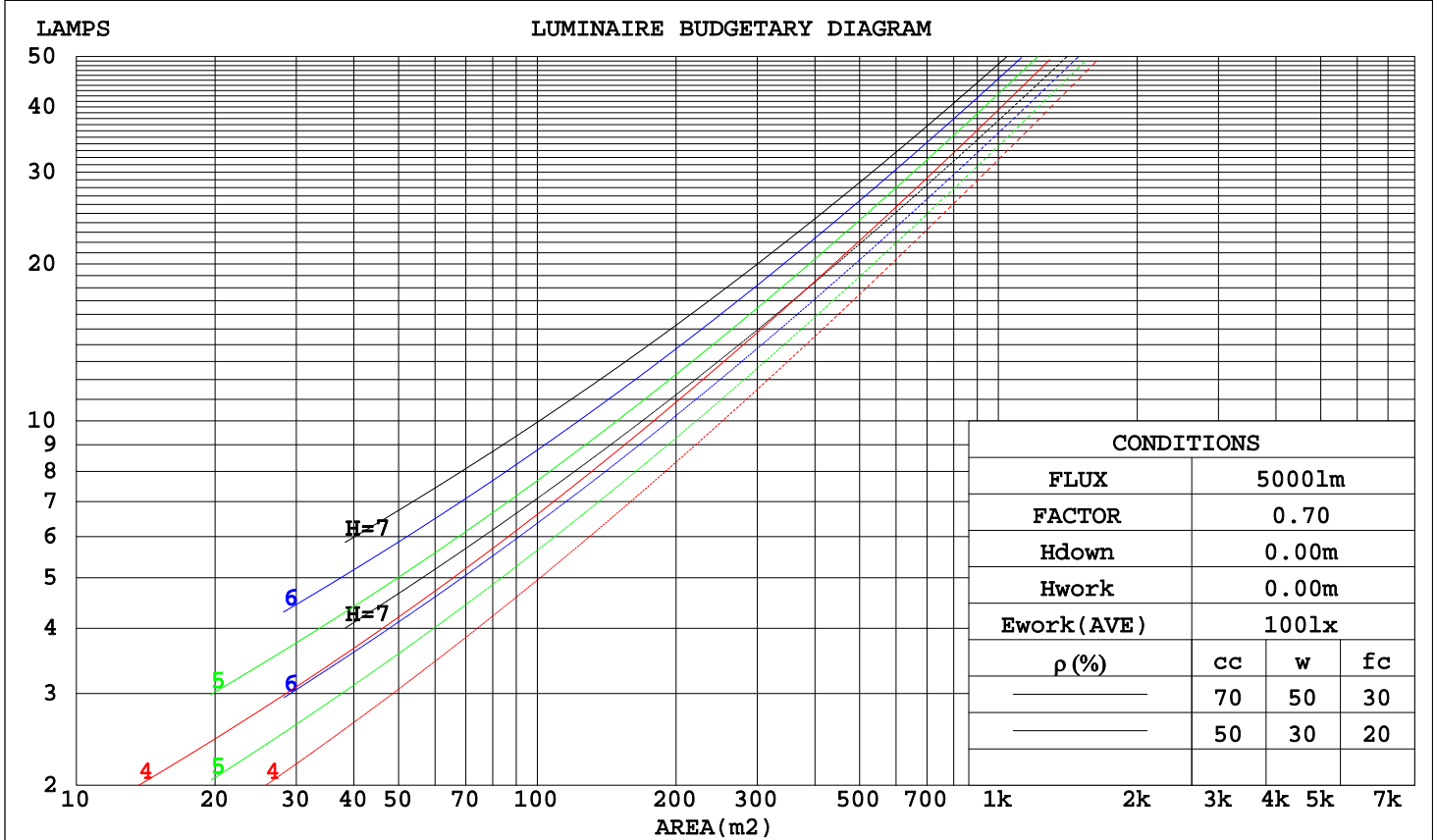
Test Set: 7.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.100 m  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

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

$\rho_{cc}$	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	1.15	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	.94	.88	.82	.90	.84	.79	.82	.78	.74	.76	.72	.69	.69	.67	.64	.60
2.0	.79	.71	.64	.76	.68	.62	.70	.63	.58	.64	.59	.54	.58	.54	.50	.47
3.0	.68	.59	.51	.65	.57	.49	.60	.53	.47	.55	.49	.44	.50	.45	.41	.38
4.0	.60	.50	.42	.57	.48	.41	.53	.45	.39	.48	.42	.36	.44	.39	.34	.31
5.0	.53	.43	.36	.51	.41	.35	.47	.39	.33	.43	.36	.31	.39	.34	.29	.26
6.0	.47	.37	.30	.45	.36	.30	.42	.34	.28	.39	.32	.27	.36	.30	.25	.23
7.0	.42	.33	.27	.41	.32	.26	.38	.30	.25	.35	.28	.23	.32	.26	.22	.20
8.0	.39	.30	.23	.37	.29	.23	.34	.27	.22	.32	.25	.21	.30	.24	.20	.17
9.0	.35	.27	.21	.34	.26	.20	.32	.24	.19	.29	.23	.18	.27	.22	.17	.15
10.0	.32	.24	.19	.31	.23	.18	.29	.22	.17	.27	.21	.17	.25	.20	.16	.14



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.:			

$\rho_{cc}$	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.431	.245	.078	.418	.239	.076	.395	.227	.072	.374	.216	.069	.355	.206	.066	
2.0	.362	.198	.061	.351	.193	.059	.330	.183	.057	.311	.174	.055	.293	.166	.052	
3.0	.316	.168	.050	.306	.164	.049	.287	.156	.047	.270	.148	.045	.254	.140	.043	
4.0	.281	.146	.043	.272	.142	.042	.255	.135	.040	.239	.129	.039	.225	.122	.037	
5.0	.253	.129	.037	.245	.126	.037	.230	.120	.035	.216	.114	.034	.202	.108	.032	
6.0	.231	.116	.033	.223	.113	.032	.209	.107	.031	.196	.102	.030	.184	.097	.029	
7.0	.212	.105	.030	.205	.102	.029	.192	.097	.028	.180	.093	.027	.169	.088	.026	
8.0	.196	.096	.027	.190	.093	.026	.178	.089	.025	.167	.085	.024	.157	.080	.023	
9.0	.182	.088	.025	.176	.086	.024	.166	.082	.023	.155	.078	.022	.146	.074	.021	
10.0	.170	.081	.023	.165	.080	.022	.155	.076	.021	.145	.072	.021	.137	.069	.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
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0																
1.0	.313	.313	.313	.267	.267	.267	.182	.182	.182	.105	.105	.105	.034	.034	.034	
2.0	.312	.278	.248	.267	.239	.213	.183	.164	.148	.105	.095	.086	.034	.031	.028	
3.0	.306	.256	.214	.262	.220	.185	.179	.152	.129	.103	.089	.076	.033	.029	.025	
4.0	.298	.239	.193	.256	.206	.167	.175	.143	.117	.101	.084	.069	.033	.027	.023	
5.0	.290	.227	.179	.249	.196	.155	.171	.137	.109	.099	.080	.065	.032	.026	.021	
6.0	.282	.217	.169	.242	.188	.147	.167	.131	.104	.097	.077	.062	.031	.025	.020	
7.0	.274	.209	.163	.236	.181	.142	.163	.127	.100	.094	.075	.060	.030	.024	.020	
8.0	.267	.203	.158	.229	.176	.138	.159	.123	.097	.092	.073	.058	.030	.024	.019	
9.0	.260	.197	.154	.224	.171	.134	.155	.120	.095	.090	.071	.057	.029	.023	.019	
10.0	.253	.192	.151	.218	.167	.132	.151	.117	.094	.088	.069	.056	.029	.023	.018	
10.0	.247	.188	.149	.213	.163	.130	.148	.115	.092	.086	.068	.055	.028	.022	.018	

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		4.9	6.4	5.4	6.8	7.4	7.1	8.5	7.6	9.0	9.6
	3H	6.8	8.1	7.3	8.7	9.2	10.2	11.5	10.7	12.0	12.6
	4H	7.7	8.9	8.2	9.5	10.1	11.9	13.2	12.5	13.8	14.4
	6H	8.4	9.6	9.0	10.2	10.8	13.9	15.1	14.5	15.7	16.3
	8H	8.7	9.9	9.2	10.4	11.1	15.1	16.3	15.6	16.8	17.5
	12H	8.9	10.1	9.5	10.7	11.3	16.4	17.6	17.0	18.1	18.8
	4H 2H	6.1	7.4	6.6	7.9	8.5	7.7	9.0	8.2	9.5	10.1
	3H	8.1	9.3	8.7	9.8	10.5	11.0	12.2	11.6	12.8	13.4
	4H	9.2	10.2	9.8	10.8	11.5	13.0	14.1	13.6	14.7	15.4
	6H	10.1	11.1	10.8	11.7	12.4	15.3	16.2	15.9	16.8	17.5
	8H	10.5	11.4	11.2	12.1	12.8	16.5	17.4	17.2	18.1	18.8
	12H	10.9	11.8	11.6	12.4	13.2	18.0	18.9	18.7	19.5	20.3
	8H 4H	10.4	11.3	11.1	12.0	12.7	13.4	14.3	14.1	15.0	15.7
	6H	11.7	12.5	12.4	13.2	13.9	16.0	16.8	16.7	17.5	18.2
	8H	12.4	13.0	13.0	13.7	14.5	17.5	18.2	18.2	18.9	19.7
	12H	13.0	13.6	13.7	14.3	15.1	19.4	20.0	20.1	20.7	21.5
	12H 4H	10.9	11.8	11.6	12.4	13.2	13.4	14.3	14.1	14.9	15.7
	6H	12.5	13.2	13.2	13.9	14.7	16.2	16.9	16.9	17.6	18.3
	8H	13.3	13.9	14.0	14.6	15.4	17.8	18.4	18.5	19.1	19.9
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H		+ 0.1 / - 0.2					+ 0.2 / - 0.3				
2.0H		+ 0.2 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 98.30 lm Total Lamp Luminous Flux. (8log(F/F0) = -8.1)

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	46	33	26	45	33	25	43	32	25	18
0.80	55	41	33	53	41	33	51	39	32	24
1.00	62	49	40	61	48	39	57	49	38	30
1.25	69	56	47	67	55	46	63	52	45	35
1.50	74	61	52	72	60	51	67	57	49	39
2.00	82	70	61	79	68	60	73	64	57	45
2.50	87	75	67	83	73	65	77	69	62	50
3.00	90	80	72	87	78	70	80	73	67	53
4.00	95	87	79	92	84	77	85	78	73	59
5.00	99	91	84	95	88	82	87	82	77	62
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

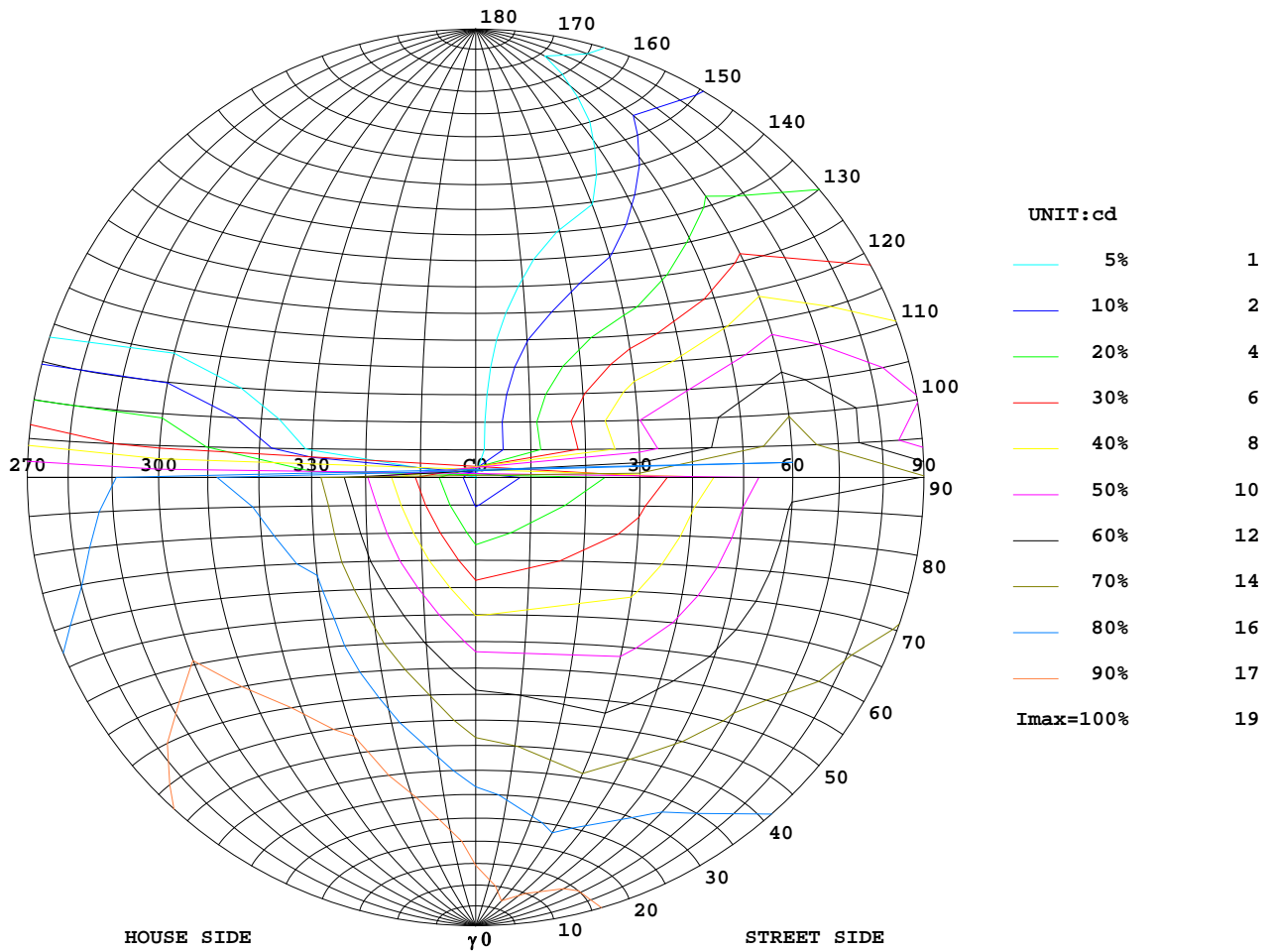
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025年06月26日

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:25.3DEG  
 Operators:  
 Test Date:2025年06月26日

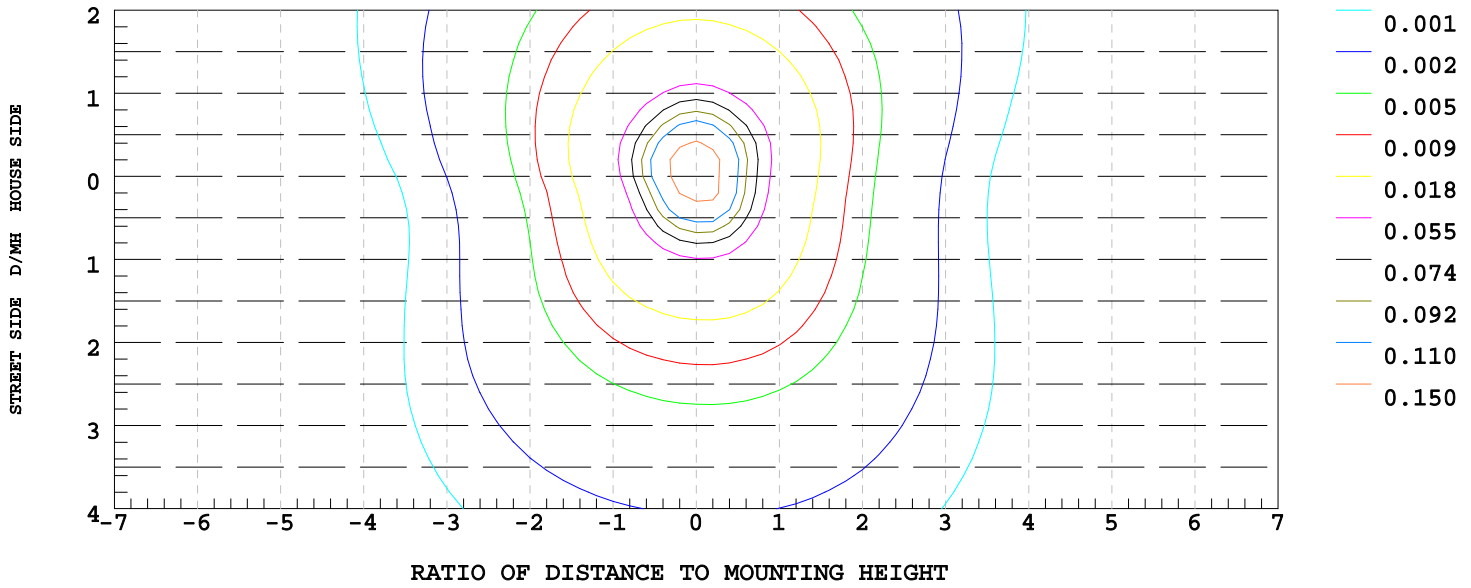
Test Set: 7.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.100 m  
 Remarks:

# ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.18 lx



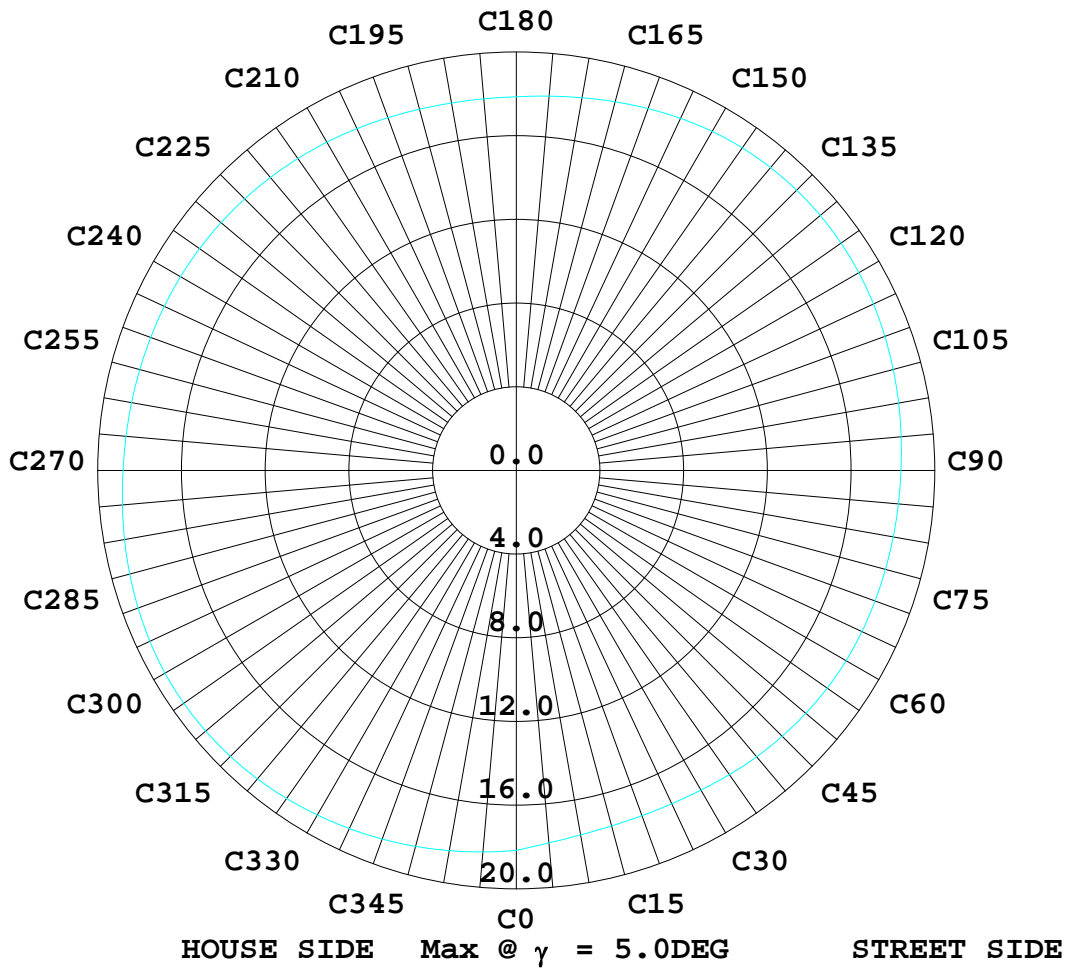
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2025年06月26日

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:

<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

$\gamma$ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	18.3	18.0	18.2	18.5	19.2	18.9	18.3	18.0	18.2	18.5	19.2	18.9
5.0	18.1	17.6	18.1	18.3	18.9	18.7	17.8	18.1	18.5	18.7	19.3	19.0
10.0	17.7	17.1	17.8	18.0	18.6	18.3	17.4	18.1	18.5	18.6	19.2	18.9
15.0	17.4	16.5	17.3	17.7	18.3	17.8	16.7	17.8	18.6	18.6	19.0	18.6
20.0	17.0	15.9	16.8	16.5	18.0	17.1	16.1	17.5	18.6	19.2	18.9	18.3
25.0	16.4	15.2	16.3	16.1	17.5	16.4	15.5	17.2	18.3	19.0	18.7	17.8
30.0	15.8	14.5	15.8	16.3	17.1	15.7	14.7	16.7	18.1	19.2	18.4	17.4
35.0	14.8	13.6	15.2	16.0	16.5	14.9	14.1	16.3	17.8	19.0	18.0	16.8
40.0	13.9	12.9	14.6	15.6	16.0	14.2	13.2	16.0	17.6	18.6	17.7	16.3
45.0	12.8	12.1	14.1	15.1	15.5	13.3	12.3	15.4	17.2	18.3	17.3	15.7
50.0	11.8	11.2	13.6	14.8	15.1	12.2	11.4	14.6	16.8	18.1	16.9	15.0
55.0	10.5	10.3	13.3	14.5	14.6	11.2	10.0	13.7	16.4	17.7	16.5	14.1
60.0	9.15	9.33	12.9	14.1	14.2	10.1	8.74	12.8	16.1	17.4	16.2	13.2
65.0	7.70	8.37	12.6	13.9	13.7	9.19	7.33	11.7	15.6	17.1	16.1	12.2
70.0	6.21	7.59	12.3	13.6	13.3	8.26	5.84	10.7	15.2	16.9	15.7	11.3
75.0	4.68	6.84	12.1	13.3	13.1	7.36	4.31	9.86	14.8	16.7	15.3	10.4
80.0	3.23	6.17	11.9	13.0	12.8	6.66	2.90	9.04	14.5	16.5	15.1	9.67
85.0	1.86	5.58	11.7	12.6	12.4	6.06	1.56	8.33	14.2	16.4	14.9	8.96
90.0	0.93	4.68	11.2	11.6	11.8	5.43	0.60	7.73	13.7	16.2	14.3	8.26
95.0	0.52	0.78	5.32	6.88	6.17	2.90	0.11	6.06	8.48	14.6	9.04	5.13
100.0	0.45	0.22	3.64	3.83	4.35	1.71	0.11	4.65	9.78	13.4	9.63	2.60
105.0	0.41	0.07	1.89	1.78	2.67	0.89	0.11	4.20	8.96	12.1	8.37	1.11
110.0	0.37	0.07	0.89	0.52	1.22	0.45	0.15	3.46	7.85	10.5	6.69	0.63
115.0	0.33	0.07	0.60	0.11	0.67	0.26	0.19	2.97	6.62	8.93	5.02	0.52
120.0	0.33	0.07	0.52	0.07	0.56	0.15	0.22	2.67	5.39	7.44	3.46	0.45
125.0	0.30	0.07	0.48	0.07	0.52	0.11	0.26	2.41	4.57	6.06	2.53	0.41
130.0	0.30	0.07	0.41	0.07	0.45	0.07	0.26	2.19	3.86	5.06	1.86	0.37
135.0	0.30	0.07	0.37	0.07	0.41	0.07	0.30	1.97	3.23	4.09	1.33	0.33
140.0	0.26	0.07	0.33	0.07	0.37	0.07	0.33	1.78	2.71	3.42	0.93	0.33
145.0	0.26	0.07	0.33	0.07	0.33	0.07	0.37	1.63	2.26	2.75	0.63	0.30
150.0	0.22	0.07	0.30	0.07	0.33	0.07	0.37	1.41	1.89	2.23	0.45	0.26
155.0	0.22	0.07	0.30	0.11	0.30	0.11	0.41	1.22	1.56	1.78	0.30	0.26
160.0	0.22	0.07	0.26	0.11	0.30	0.11	0.45	1.11	1.19	1.48	0.22	0.26
165.0	0.22	0.11	0.26	0.11	0.26	0.11	0.45	1.04	0.86	1.19	0.19	0.22
170.0	0.26	0.11	0.22	0.11	0.26	0.11	0.45	0.93	0.71	0.93	0.15	0.22
175.0	0.41	0.26	0.26	0.11	0.22	0.11	0.45	0.86	0.60	0.74	0.15	0.22
180.0	0.60	0.52	0.56	0.30	0.22	0.11	0.48	0.71	0.48	0.45	0.15	0.19

Test System:HOPOO HPG1800  
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 Test Distance:6.100 m  
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