

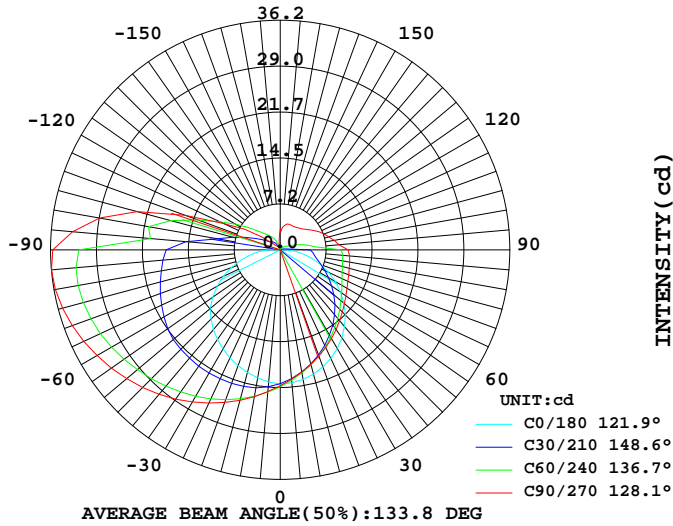
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

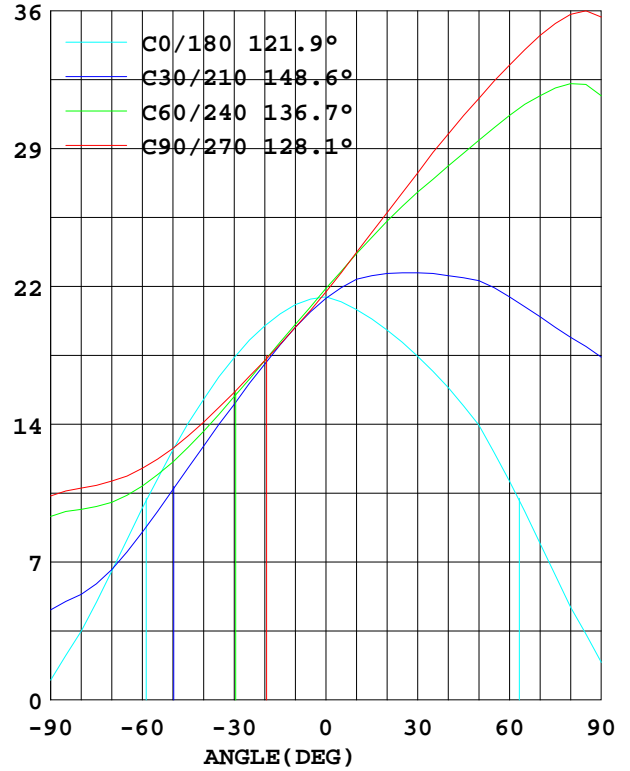
MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	36.20	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.13
NOMINAL POWER(W)	7	TOTAL FLUX(lm)	140.96	Voltage(V)	24.28
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	21.4	Current(A)	0.271
NOMINAL FLUX(lm)	141.0	η up(%)	21.6	Power(W)	6.600
LAMPS QUANTITY	1	η down(%)	78.4	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.3	Effective Flux(lm)	60.7	EET	0.671

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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.:

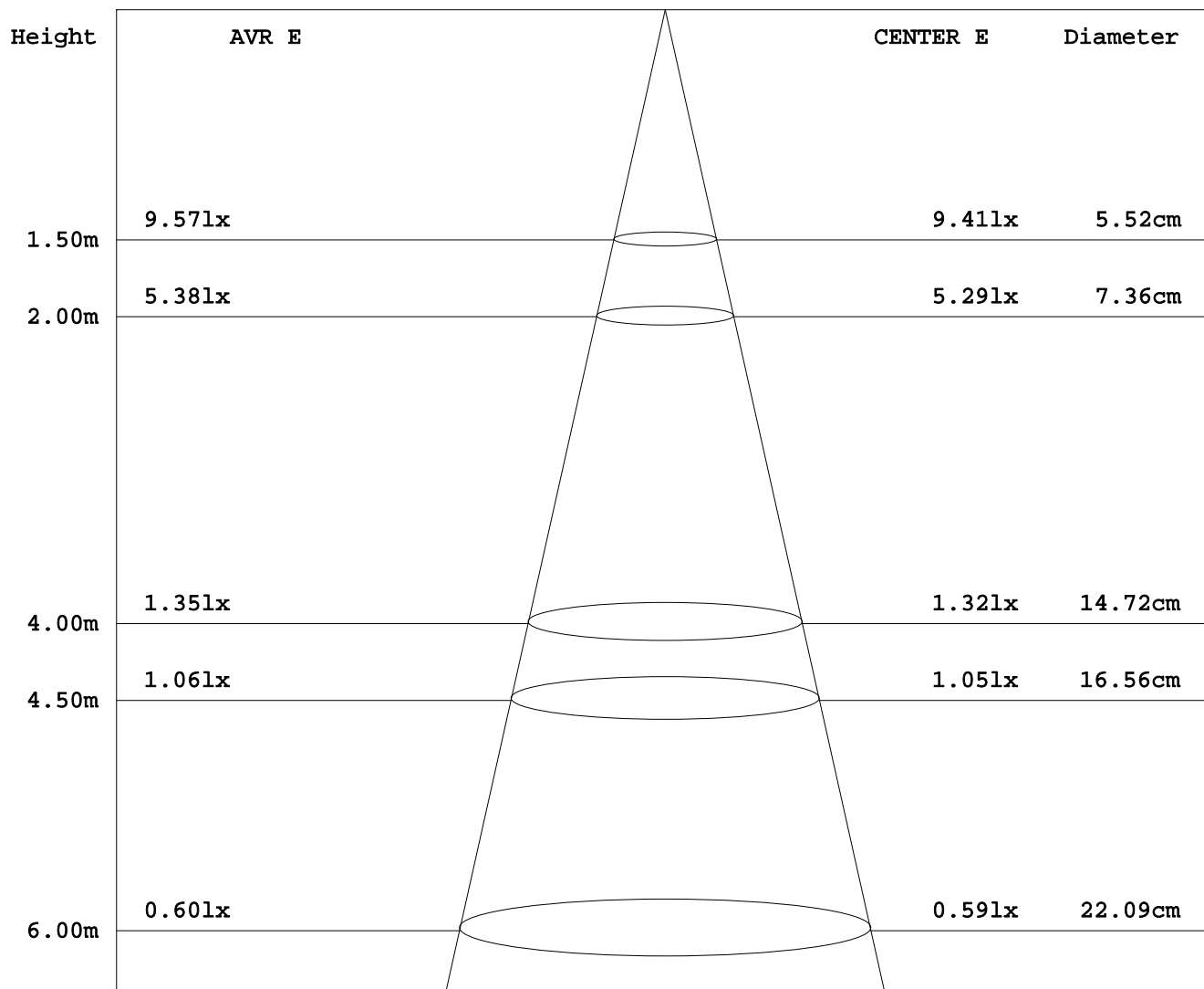
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-27-2025

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: 2.1deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 06-27-2025

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:			WEIGHT:		
SPECIFICATION:			CCT(K): 0			DIMENSION:			SERIAL No.:		

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	20.76	19.64	19.57	20.53	20.50	22.77	23.51	23.05	0- 10	2.047	2.047
20.0	19.64	17.73	17.82	18.79	19.42	23.77	25.60	23.72	10- 20	5.986	8.033
30.0	17.97	15.72	16.14	16.89	18.04	24.55	27.68	24.07	20- 30	9.504	17.53
40.0	15.77	13.71	14.58	14.90	16.40	25.17	29.73	24.27	30- 40	12.43	29.97
50.0	13.13	11.77	13.20	12.80	14.43	25.71	31.59	24.26	40- 50	14.65	44.62
60.0	10.08	10.02	12.16	10.77	11.49	25.93	33.34	24.13	50- 60	16.07	60.70
70.0	6.772	8.614	11.49	8.986	8.223	25.93	34.90	23.94	60- 70	16.74	77.45
80.0	3.609	7.776	11.12	7.739	4.874	25.71	36.01	23.53	70- 80	16.80	94.25
90.0	1.041	7.181	10.71	7.125	1.972	24.87	35.87	22.43	80- 90	16.31	110.5
100.0	0.298	2.660	8.669	4.911	0.149	15.60	28.94	13.06	90-100	12.12	122.6
110.0	0.260	1.339	7.367	4.744	0.074	9.804	15.96	4.818	100-110	7.737	130.4
120.0	0.298	0.707	6.139	4.911	0.074	5.674	6.511	1.358	110-120	4.168	134.6
130.0	0.372	0.465	5.097	5.134	0.074	3.330	1.637	0.595	120-130	2.380	136.9
140.0	0.484	0.279	4.539	5.246	0.074	2.362	0.781	0.316	130-140	1.555	138.5
150.0	0.595	0.186	4.279	5.172	0.112	1.469	0.484	0.205	140-150	1.092	139.6
160.0	0.670	0.130	4.279	5.228	0.112	0.558	0.335	0.428	150-160	0.722	140.3
170.0	0.744	0.186	3.907	5.079	0.112	0.205	1.116	1.302	160-170	0.432	140.7
180.0	0.558	0.353	2.641	4.297	0.521	0.409	3.274	4.204	170-180	0.174	140.9
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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

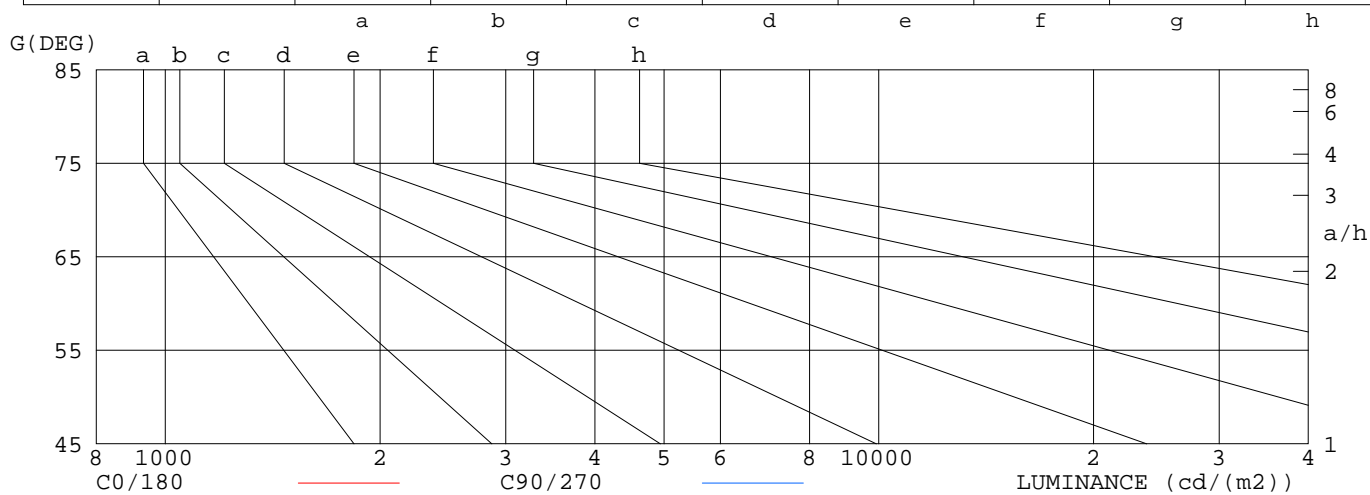
LUMINANCE LIMITATION CURVES

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	269	1259
80	208	641
75	198	436
70	198	336
65	199	278
60	202	243
55	202	221
50	204	206
45	206	196

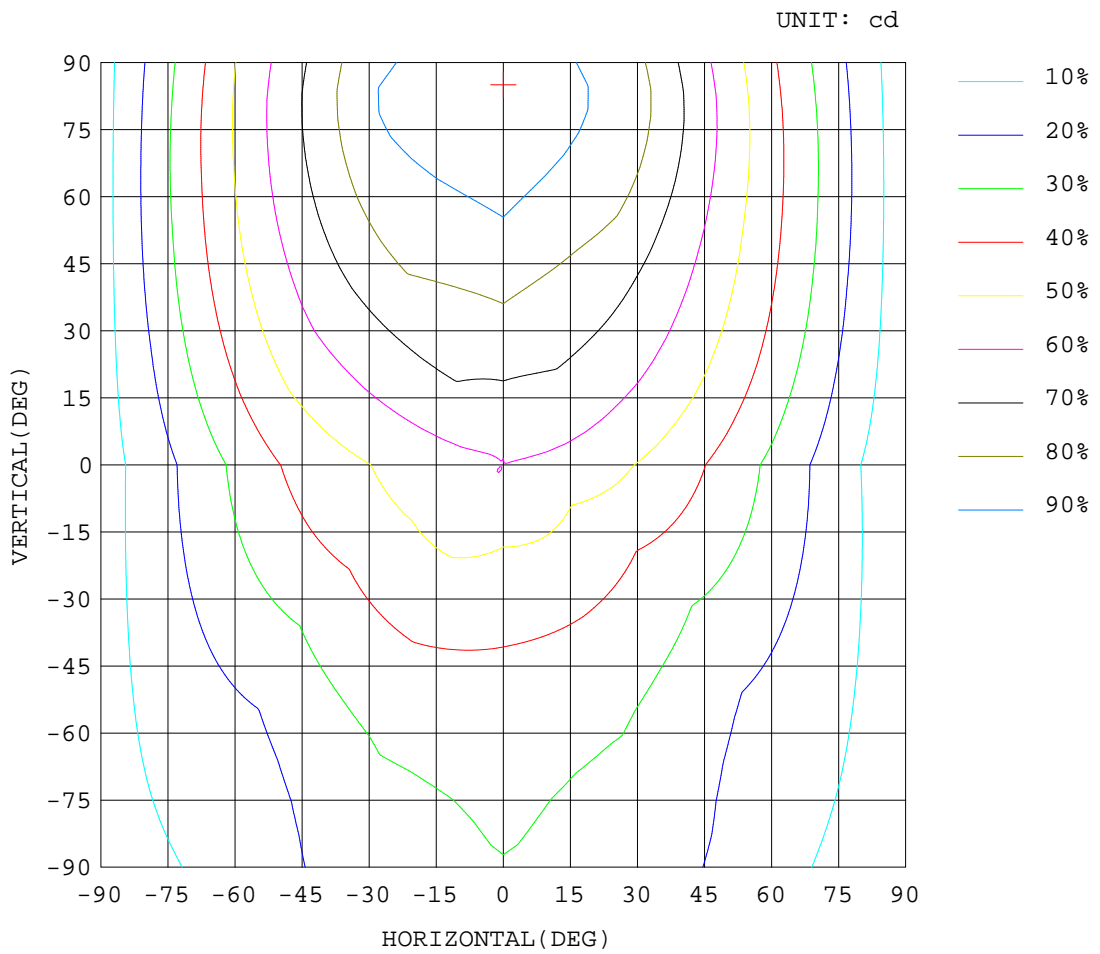
Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 06-27-2025

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.:



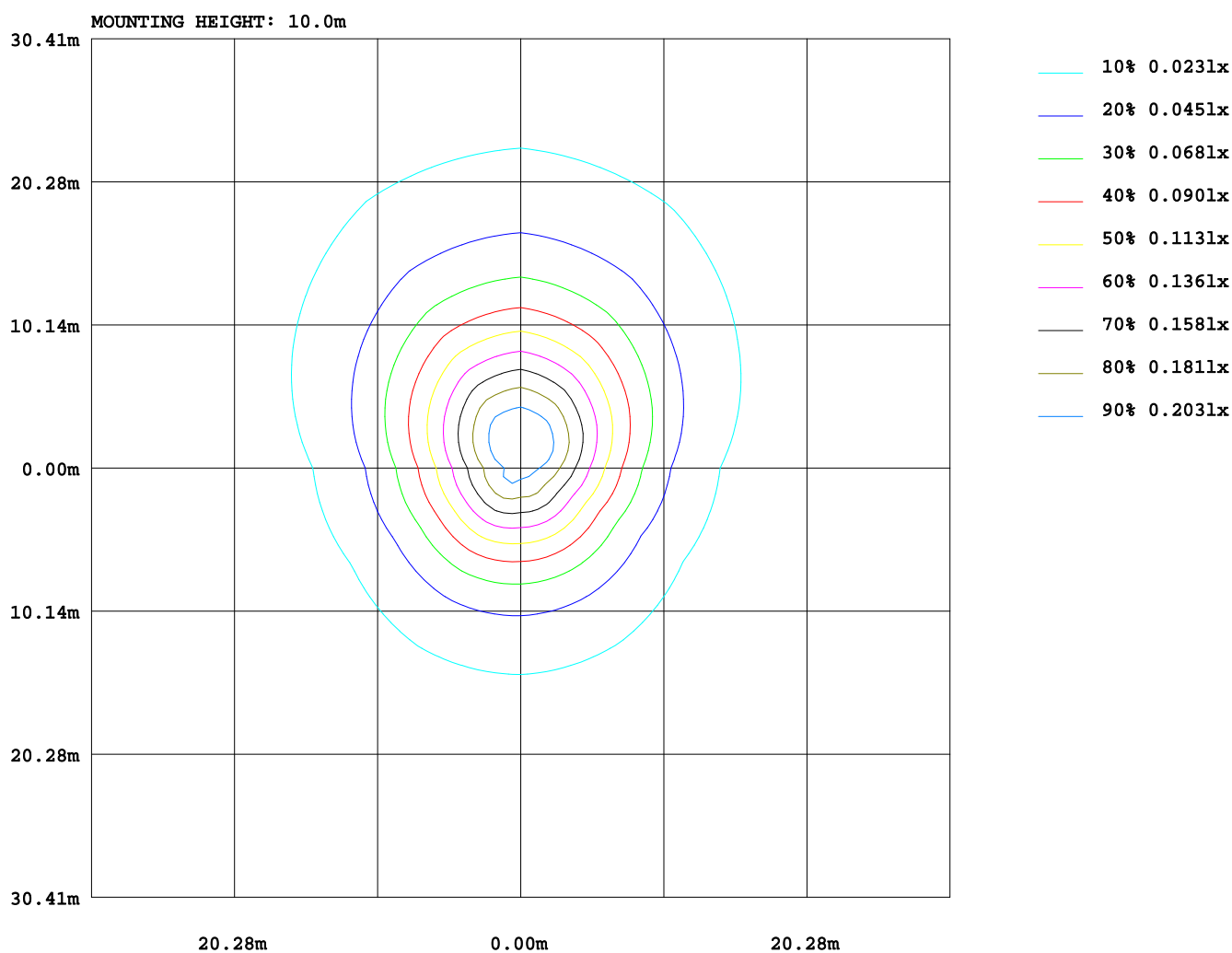
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

Test Set: 7.0 deg/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:06-27-2025

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
VERTICAL(DEG)	90	0.01	0.08	0.20	0.36	0.54	0.74	0.91	1.00	1.07	1.06	0.98	0.86	0.69	0.49	0.31	0.17	0.07	0.01	9.58	9.03
	80	0.02	0.09	0.21	0.36	0.54	0.74	0.90	0.99	1.05	1.04	0.97	0.86	0.69	0.50	0.32	0.17	0.07	0.01	9.54	8.98
	70	0.02	0.09	0.20	0.36	0.53	0.72	0.87	0.96	1.01	1.00	0.93	0.83	0.67	0.49	0.32	0.17	0.07	0.01	9.27	8.71
	60	0.02	0.08	0.20	0.35	0.51	0.68	0.84	0.92	0.97	0.96	0.89	0.79	0.64	0.47	0.31	0.17	0.07	0.01	8.88	8.33
	50	0.02	0.08	0.19	0.34	0.49	0.65	0.79	0.87	0.92	0.91	0.84	0.75	0.61	0.45	0.30	0.17	0.07	0.01	8.44	7.90
	40	0.01	0.08	0.18	0.32	0.47	0.60	0.73	0.82	0.86	0.85	0.80	0.70	0.57	0.43	0.29	0.16	0.06	0.01	7.95	7.44
	30	0.01	0.07	0.17	0.30	0.43	0.56	0.67	0.77	0.80	0.80	0.75	0.66	0.54	0.40	0.27	0.15	0.06	0.01	7.42	6.94
		0.01	0.07	0.16	0.27	0.40	0.51	0.61	0.70	0.74	0.74	0.70	0.61	0.50	0.37	0.25	0.14	0.05	0.01	6.83	6.40
		0.01	0.06	0.14	0.24	0.36	0.46	0.55	0.63	0.68	0.68	0.63	0.55	0.45	0.33	0.22	0.12	0.05	0.01	6.16	5.78
		0.01	0.05	0.13	0.22	0.32	0.42	0.51	0.58	0.63	0.61	0.56	0.50	0.41	0.30	0.20	0.11	0.04	0.01	5.60	5.25
		0.01	0.05	0.12	0.21	0.30	0.39	0.47	0.55	0.58	0.56	0.51	0.44	0.36	0.28	0.19	0.10	0.04	0.01	5.17	4.84
	-30	0.01	0.05	0.11	0.19	0.27	0.36	0.44	0.50	0.52	0.51	0.47	0.41	0.32	0.25	0.17	0.10	0.04	0.01	4.72	4.41
	-40	0.01	0.05	0.10	0.17	0.24	0.33	0.40	0.45	0.47	0.46	0.43	0.37	0.30	0.22	0.15	0.09	0.04	0.01	4.28	3.99
	-50	0.01	0.04	0.09	0.15	0.22	0.30	0.36	0.41	0.42	0.42	0.39	0.34	0.27	0.20	0.13	0.08	0.04	0.01	3.86	3.60
	-60	0.01	0.04	0.08	0.13	0.20	0.27	0.33	0.37	0.38	0.38	0.35	0.31	0.25	0.18	0.12	0.07	0.03	0.01	3.51	3.27
	-70	0.01	0.04	0.07	0.11	0.18	0.25	0.30	0.33	0.35	0.35	0.33	0.29	0.24	0.17	0.11	0.07	0.03	0.01	3.24	3.02
	-80	0.01	0.03	0.06	0.11	0.17	0.23	0.28	0.32	0.34	0.34	0.31	0.28	0.23	0.17	0.11	0.06	0.03	0.01	3.07	2.87
	-90	0.01	0.03	0.06	0.10	0.16	0.22	0.27	0.30	0.33	0.33	0.31	0.28	0.23	0.16	0.10	0.06	0.02	0.01	2.95	2.77
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90			
Φ t	0.21	1.06	2.47	4.28	6.33	8.42	10.2	11.4	12.1	12.0	11.1	9.83	7.97	5.87	3.85	2.15	0.88	0.16	141		
Φ a	0.00	0.00	0.00	4.28	6.33	8.42	10.2	11.4	12.1	12.0	11.1	9.83	7.97	5.87	3.85	0.00	0.00	0.00		61	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

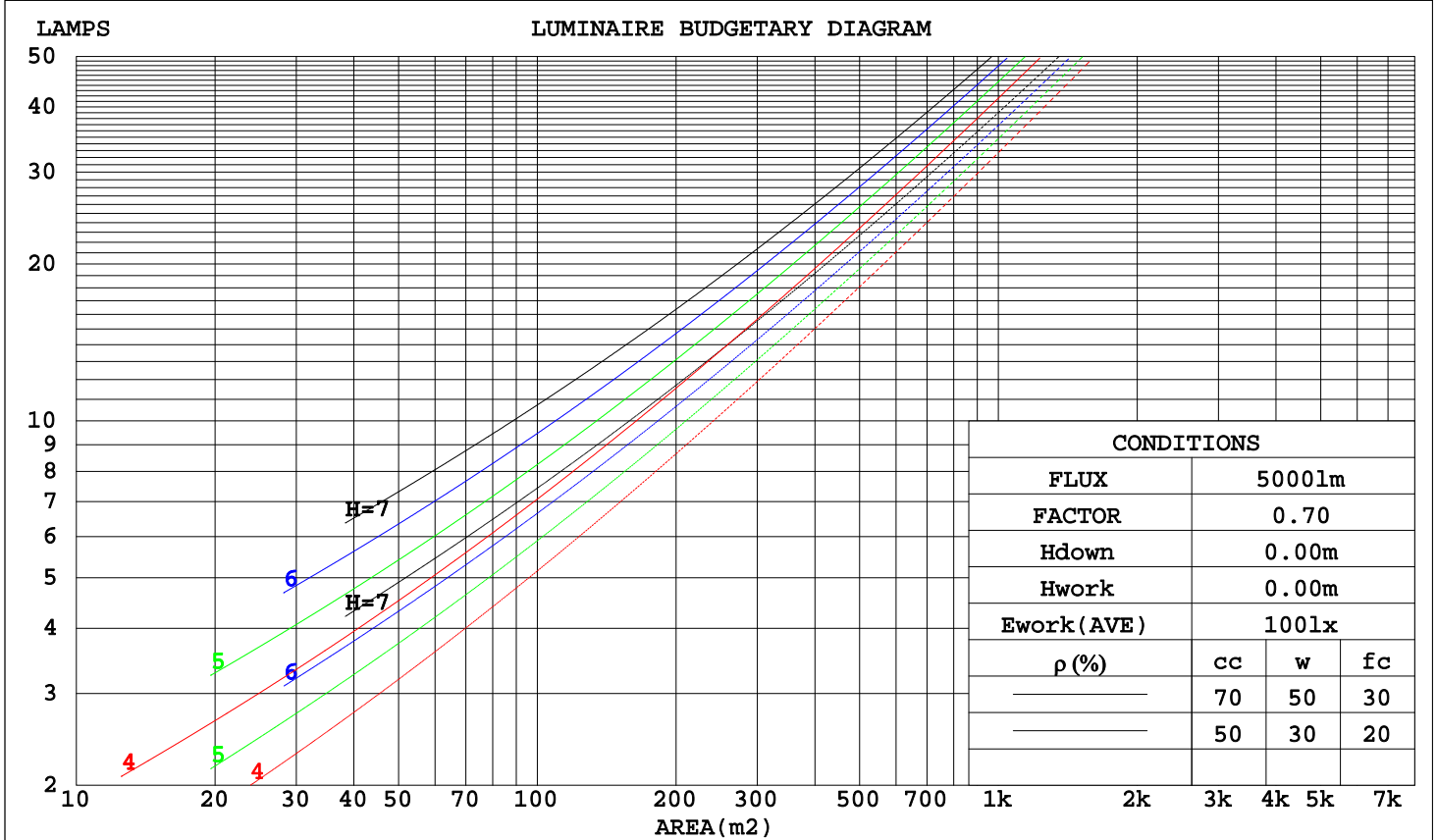
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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	.99	.99	.99	.90	.90	.90	.82	.82	.82	.78
1.0	.92	.86	.80	.87	.82	.77	.79	.74	.70	.71	.68	.64	.64	.61	.59	.55
2.0	.77	.69	.61	.73	.66	.59	.66	.60	.54	.60	.54	.50	.53	.49	.45	.42
3.0	.66	.57	.49	.63	.54	.47	.57	.49	.43	.51	.45	.40	.46	.41	.37	.33
4.0	.58	.48	.40	.55	.46	.39	.50	.42	.36	.45	.38	.33	.40	.35	.30	.27
5.0	.51	.41	.34	.49	.39	.32	.44	.36	.30	.40	.33	.28	.36	.30	.26	.23
6.0	.46	.36	.29	.43	.34	.28	.39	.32	.26	.36	.29	.24	.32	.26	.22	.19
7.0	.41	.32	.25	.39	.30	.24	.36	.28	.22	.32	.26	.21	.29	.23	.19	.17
8.0	.37	.28	.22	.35	.27	.21	.32	.25	.20	.29	.23	.18	.27	.21	.17	.15
9.0	.34	.25	.19	.32	.24	.19	.30	.23	.18	.27	.21	.16	.25	.19	.15	.13
10.0	.31	.23	.17	.30	.22	.17	.27	.20	.16	.25	.19	.15	.23	.17	.14	.12



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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	.444	.252	.080	.430	.245	.078	.404	.231	.074	.379	.219	.070	.357	.207	.067	
2.0	.368	.202	.062	.356	.196	.060	.332	.185	.057	.310	.174	.054	.290	.164	.052	
3.0	.320	.170	.051	.308	.165	.050	.287	.155	.047	.267	.146	.045	.248	.138	.043	
4.0	.284	.147	.043	.273	.143	.042	.254	.135	.040	.236	.126	.038	.219	.119	.036	
5.0	.255	.130	.038	.246	.126	.037	.228	.119	.035	.211	.111	.033	.196	.105	.031	
6.0	.232	.116	.033	.223	.113	.032	.207	.106	.031	.192	.100	.029	.178	.094	.028	
7.0	.212	.105	.030	.205	.102	.029	.190	.096	.028	.176	.090	.026	.163	.085	.025	
8.0	.196	.096	.027	.189	.093	.026	.175	.088	.025	.162	.082	.024	.150	.077	.022	
9.0	.182	.088	.025	.175	.085	.024	.163	.080	.023	.151	.076	.022	.140	.071	.021	
10.0	.170	.081	.023	.164	.079	.022	.152	.074	.021	.141	.070	.020	.131	.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	.355	.321	.289	.304	.275	.249	.208	.189	.172	.120	.110	.100	.038	.035	.032	
2.0	.349	.298	.255	.299	.257	.221	.205	.178	.154	.118	.103	.090	.038	.033	.029	
3.0	.342	.282	.235	.293	.243	.204	.201	.169	.143	.116	.099	.084	.037	.032	.028	
4.0	.334	.270	.222	.286	.233	.192	.197	.163	.136	.114	.095	.080	.037	.031	.026	
5.0	.326	.260	.212	.280	.225	.185	.193	.157	.130	.112	.092	.077	.036	.030	.026	
6.0	.318	.253	.206	.273	.219	.179	.188	.153	.127	.109	.090	.075	.035	.029	.025	
7.0	.310	.246	.201	.267	.213	.175	.184	.150	.124	.107	.088	.074	.035	.029	.024	
8.0	.303	.241	.198	.261	.209	.172	.181	.147	.122	.105	.086	.073	.034	.028	.024	
9.0	.297	.236	.195	.256	.205	.170	.177	.144	.121	.103	.085	.072	.033	.028	.024	
10.0	.291	.232	.192	.251	.201	.168	.174	.142	.119	.101	.084	.071	.033	.027	.024	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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		3.7	5.1	4.2	5.7	6.3	4.8	6.2	5.3	6.8	7.4
	3H	5.5	6.8	6.1	7.4	8.1	7.7	9.0	8.3	9.6	10.3
	4H	6.4	7.6	7.0	8.2	9.0	9.4	10.7	10.0	11.3	12.0
	6H	7.2	8.3	7.8	9.0	9.7	11.4	12.5	12.0	13.2	13.9
	8H	7.5	8.7	8.2	9.3	10.1	12.5	13.6	13.1	14.3	15.0
	12H	7.9	9.0	8.5	9.6	10.4	13.8	14.9	14.5	15.6	16.3
	4H 2H	4.5	5.7	5.1	6.3	7.1	5.4	6.6	6.0	7.2	7.9
	3H	6.5	7.6	7.1	8.3	9.0	8.5	9.6	9.2	10.3	11.1
	4H	7.5	8.5	8.2	9.2	10.0	10.5	11.5	11.1	12.2	12.9
	6H	8.5	9.5	9.2	10.2	11.0	12.7	13.6	13.4	14.3	15.1
	8H	9.1	9.9	9.8	10.6	11.5	13.9	14.8	14.6	15.5	16.3
	12H	9.5	10.3	10.3	11.1	11.9	15.4	16.2	16.1	16.9	17.8
	8H 4H	8.5	9.4	9.2	10.1	10.9	10.9	11.7	11.6	12.4	13.3
	6H	9.8	10.6	10.6	11.3	12.2	13.4	14.1	14.1	14.9	15.8
	8H	10.5	11.2	11.3	12.0	12.8	14.9	15.6	15.6	16.3	17.2
	12H	11.3	11.9	12.1	12.7	13.6	16.7	17.3	17.4	18.0	19.0
	12H 4H	8.9	9.7	9.6	10.4	11.3	10.9	11.7	11.6	12.4	13.3
	6H	10.5	11.1	11.2	11.9	12.8	13.6	14.2	14.3	15.0	15.9
	8H	11.3	11.9	12.1	12.7	13.6	15.2	15.8	15.9	16.5	17.4
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		+ 0.1 / - 0.2					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 140.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -6.8)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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	43	30	23	42	30	23	40	29	22	15
0.80	52	38	30	50	37	29	48	36	28	20
1.00	60	45	36	57	44	36	54	45	35	25
1.25	66	52	43	64	51	42	59	48	40	30
1.50	71	58	48	69	56	47	63	53	45	34
2.00	79	66	57	76	64	56	70	60	53	40
2.50	84	72	63	80	70	61	73	65	58	44
3.00	88	77	68	84	74	66	77	69	62	48
4.00	93	84	76	89	80	73	81	74	68	53
5.00	96	88	81	92	84	78	84	78	73	56
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

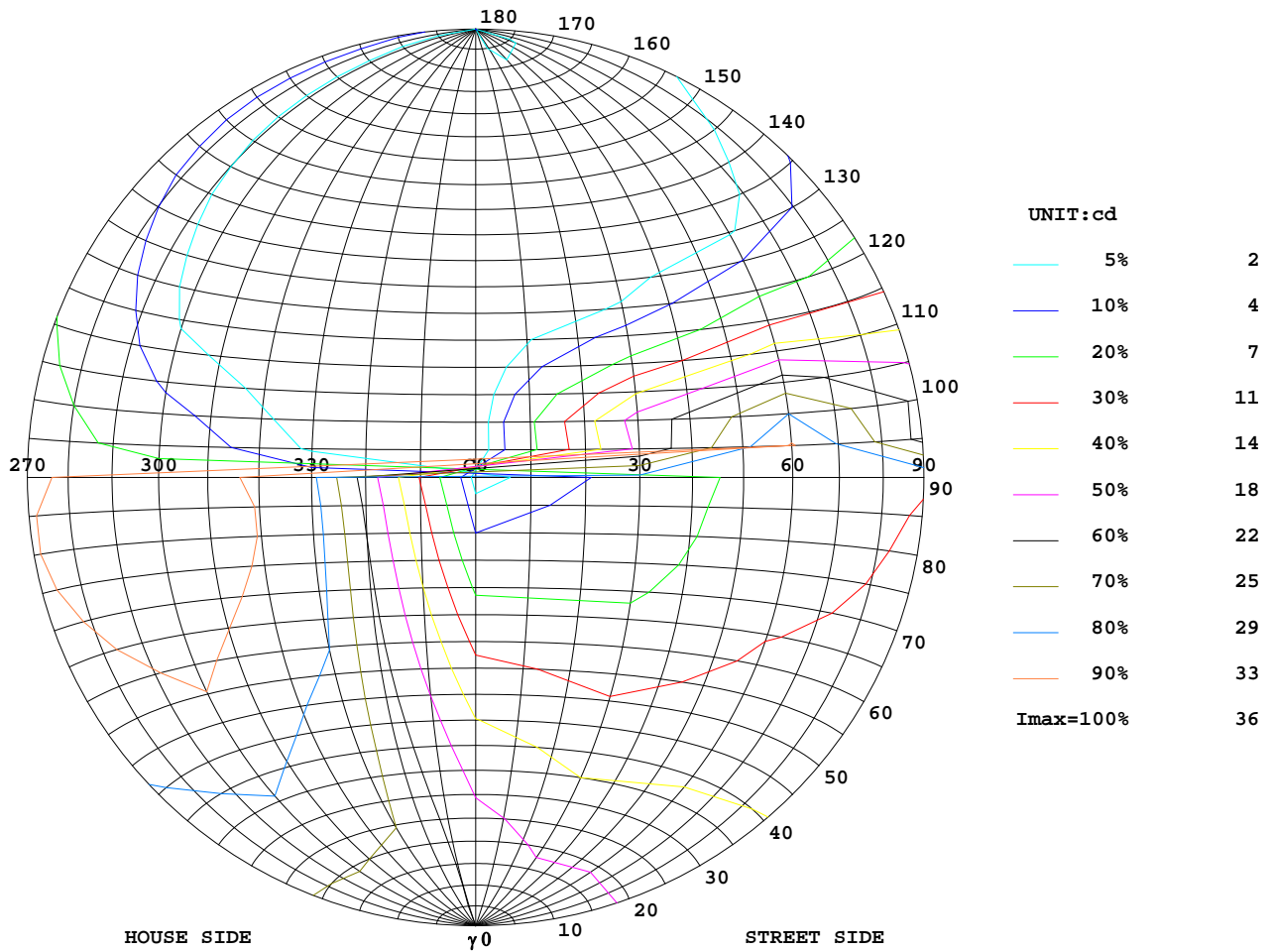
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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: 06-27-2025

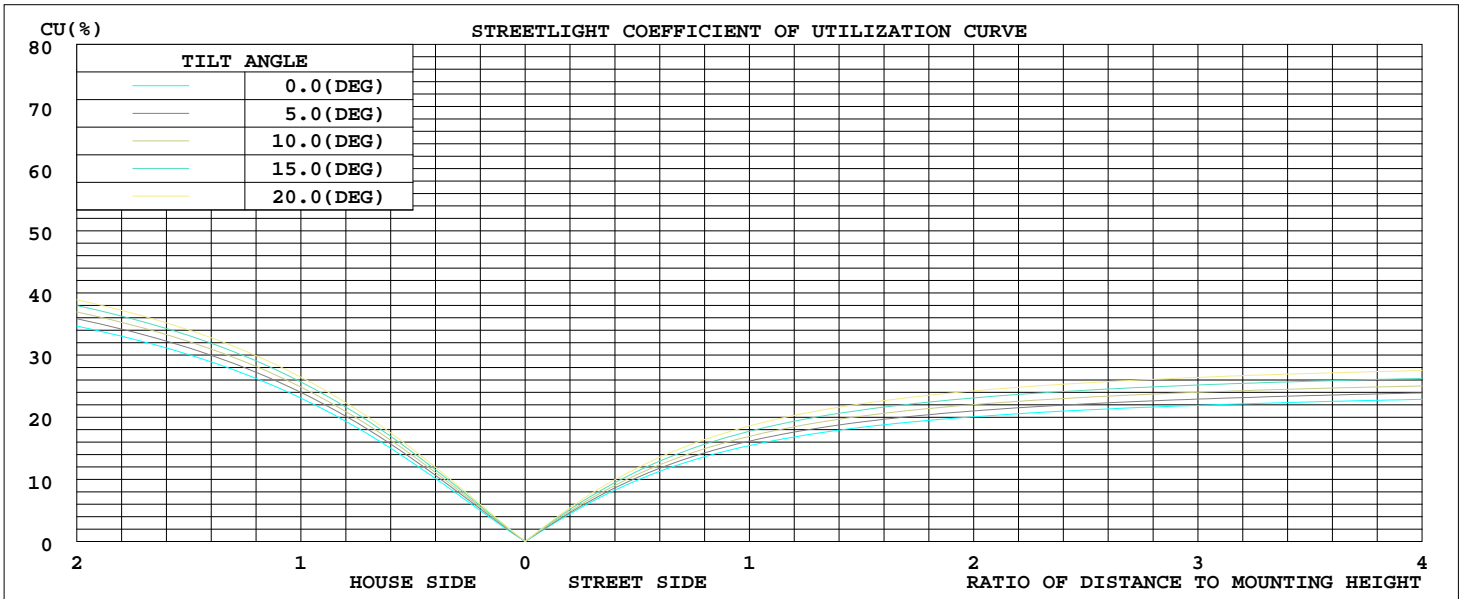
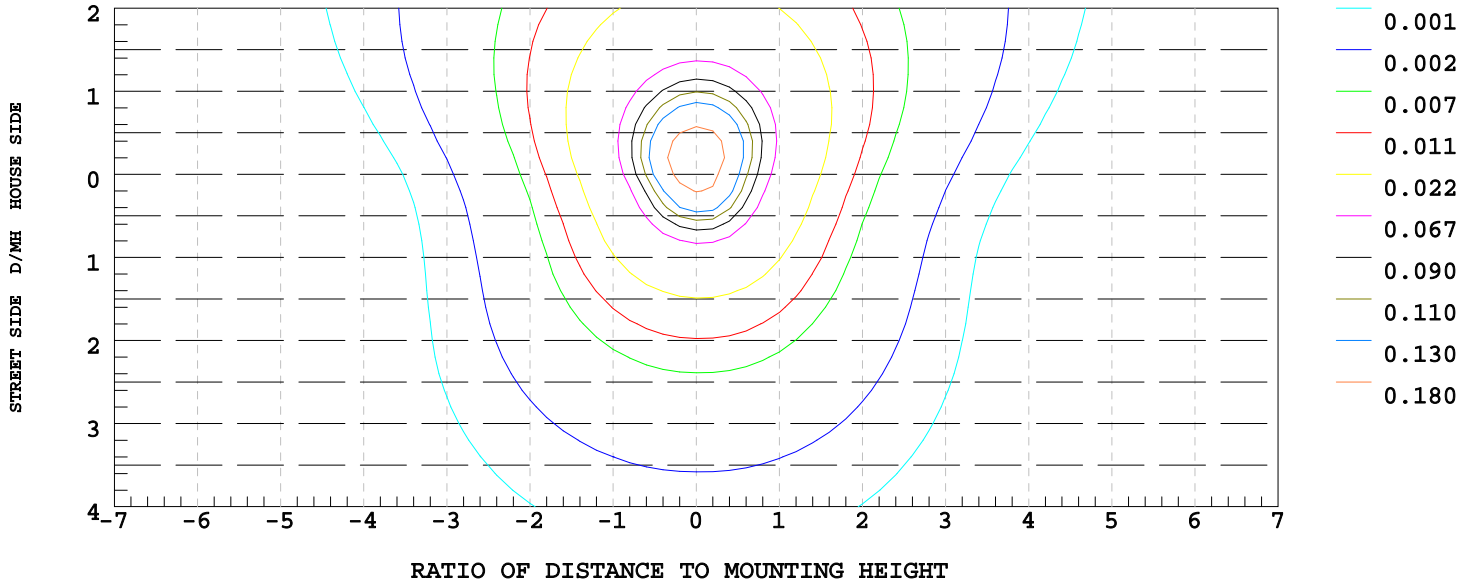
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.100 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.21 lx



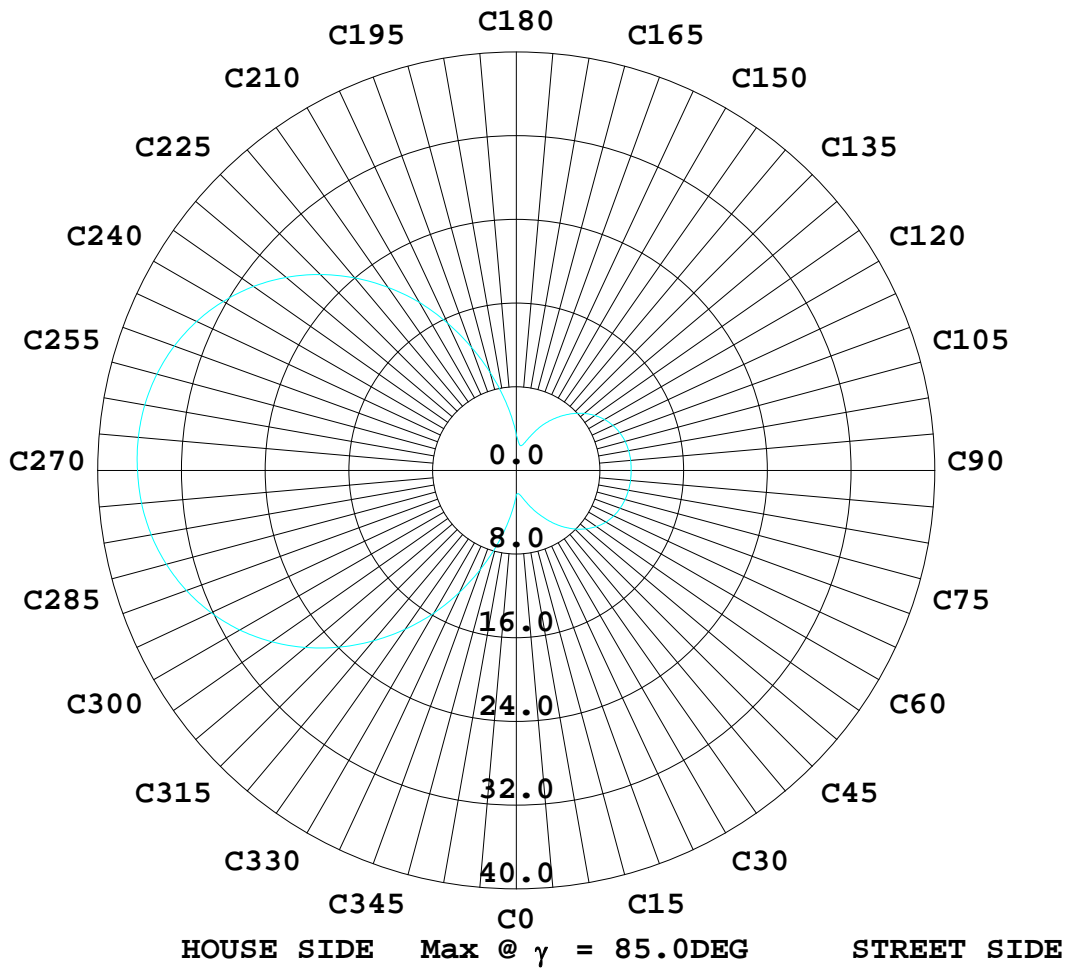
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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:06-27-2025

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	21.1	21.0	21.6	21.4	22.1	21.8	21.1	21.0	21.6	21.4	22.1	21.8
5.0	21.0	20.3	20.6	20.4	21.2	21.3	20.9	21.6	22.5	22.4	22.8	22.2
10.0	20.7	19.5	19.7	19.5	20.4	20.6	20.5	22.1	23.4	23.5	23.5	22.5
15.0	20.2	18.6	18.7	18.6	19.6	19.7	20.0	22.2	24.2	24.5	24.2	22.6
20.0	19.6	17.6	17.8	17.8	18.7	18.8	19.4	22.4	25.1	25.6	24.8	22.5
25.0	18.9	16.6	16.8	17.0	17.8	17.8	18.7	22.4	25.9	26.6	25.4	22.4
30.0	17.9	15.5	15.9	16.1	16.9	16.8	18.0	22.4	26.6	27.6	25.9	22.2
35.0	16.9	14.4	14.9	15.3	16.0	15.7	17.2	22.4	27.3	28.7	26.4	21.9
40.0	15.7	13.3	14.1	14.5	15.1	14.6	16.4	22.2	28.0	29.7	26.9	21.5
45.0	14.5	12.2	13.2	13.8	14.2	13.5	15.4	22.1	28.7	30.6	27.4	21.1
50.0	13.1	11.0	12.5	13.2	13.3	12.2	14.4	22.0	29.3	31.5	27.9	20.5
55.0	11.6	9.89	11.8	12.6	12.5	10.9	12.9	21.6	30.0	32.5	28.5	19.9
60.0	10.0	8.81	11.2	12.1	11.8	9.71	11.4	21.1	30.6	33.3	29.0	19.2
65.0	8.40	7.77	10.7	11.7	11.1	8.48	9.89	20.6	31.2	34.1	29.5	18.5
70.0	6.77	6.84	10.3	11.4	10.6	7.33	8.22	20.1	31.7	34.9	30.1	17.7
75.0	5.13	6.10	10.1	11.2	10.2	6.32	6.54	19.5	32.1	35.5	30.4	17.0
80.0	3.60	5.54	10.0	11.1	9.93	5.54	4.87	19.0	32.3	36.0	30.6	16.4
85.0	2.34	5.17	9.89	10.9	9.74	5.02	3.46	18.5	32.3	36.2	30.5	15.7
90.0	1.04	4.72	9.63	10.7	9.56	4.68	1.97	18.0	31.7	35.8	29.8	15.0
95.0	0.33	1.52	5.58	9.30	6.77	3.31	0.60	14.9	20.5	32.8	18.9	10.0
100.0	0.30	0.93	4.39	8.66	6.92	2.90	0.15	10.1	21.0	28.9	19.7	6.40
105.0	0.26	0.60	3.23	7.96	6.58	2.93	0.07	7.73	17.8	23.3	14.0	2.75
110.0	0.26	0.41	2.26	7.36	6.36	3.12	0.07	5.76	13.8	15.9	8.26	1.37
115.0	0.26	0.30	1.63	6.77	6.21	3.38	0.07	4.27	10.4	9.89	4.53	0.97
120.0	0.30	0.22	1.19	6.13	6.10	3.72	0.07	3.20	8.14	6.51	2.00	0.71
125.0	0.33	0.19	0.97	5.58	6.02	4.09	0.07	2.38	6.17	3.68	1.15	0.56
130.0	0.37	0.15	0.78	5.09	5.91	4.35	0.07	1.97	4.68	1.63	0.74	0.45
135.0	0.45	0.11	0.60	4.72	5.80	4.65	0.11	1.78	3.72	1.00	0.52	0.37
140.0	0.48	0.07	0.48	4.53	5.65	4.83	0.07	1.60	3.12	0.78	0.33	0.30
145.0	0.52	0.07	0.37	4.35	5.46	4.91	0.07	1.26	2.56	0.60	0.26	0.26
150.0	0.60	0.07	0.30	4.27	5.35	4.98	0.11	0.78	2.15	0.48	0.19	0.22
155.0	0.63	0.07	0.22	4.27	5.32	5.13	0.11	0.30	1.63	0.41	0.22	0.22
160.0	0.67	0.07	0.19	4.27	5.17	5.28	0.11	0.22	0.89	0.33	0.48	0.37
165.0	0.71	0.11	0.19	4.24	5.06	5.32	0.11	0.22	0.11	0.48	0.86	0.48
170.0	0.74	0.22	0.15	3.90	4.98	5.17	0.11	0.33	0.07	1.11	1.48	1.11
175.0	0.71	0.41	0.15	3.49	4.72	4.87	0.22	0.56	0.07	2.00	2.56	3.08
180.0	0.56	0.56	0.15	2.64	4.24	4.35	0.52	0.71	0.11	3.27	3.68	4.72

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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