

LUMINAIRE PHOTOMETRIC TEST REPORT

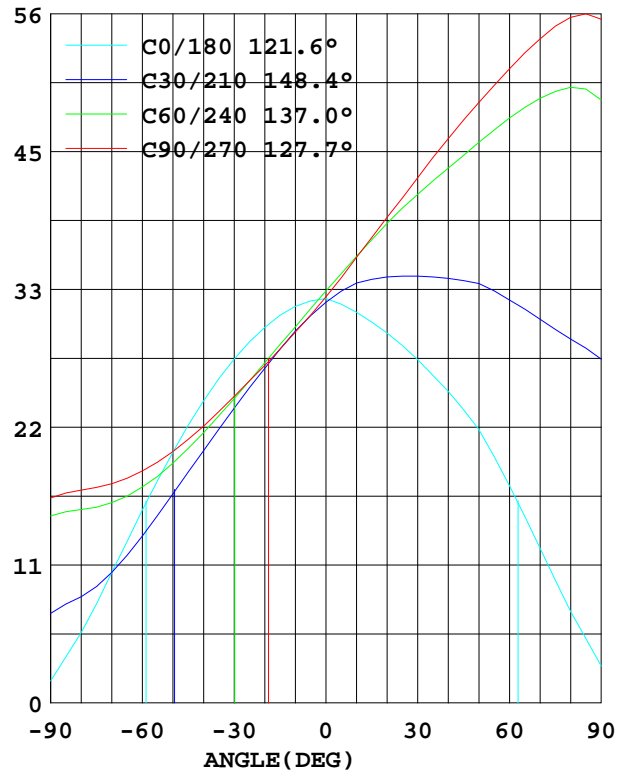
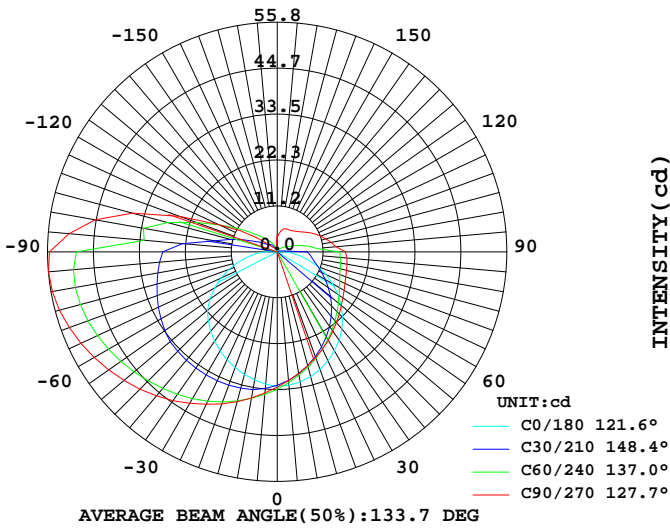
Report number:

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

DATA OF LAMP		I _{max} (cd)	55.81	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.14
NOMINAL POWER(W)	20	TOTAL FLUX(lm)	217.12	Voltage(V)	24.24
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	11.3	Current(A)	0.791
NOMINAL FLUX(lm)	217.1	η up(%)	21.6	Power(W)	19.18
LAMPS QUANTITY	1	η down(%)	78.4	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.2	Effective Flux(lm)	93.4	EEL	1.467

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.:

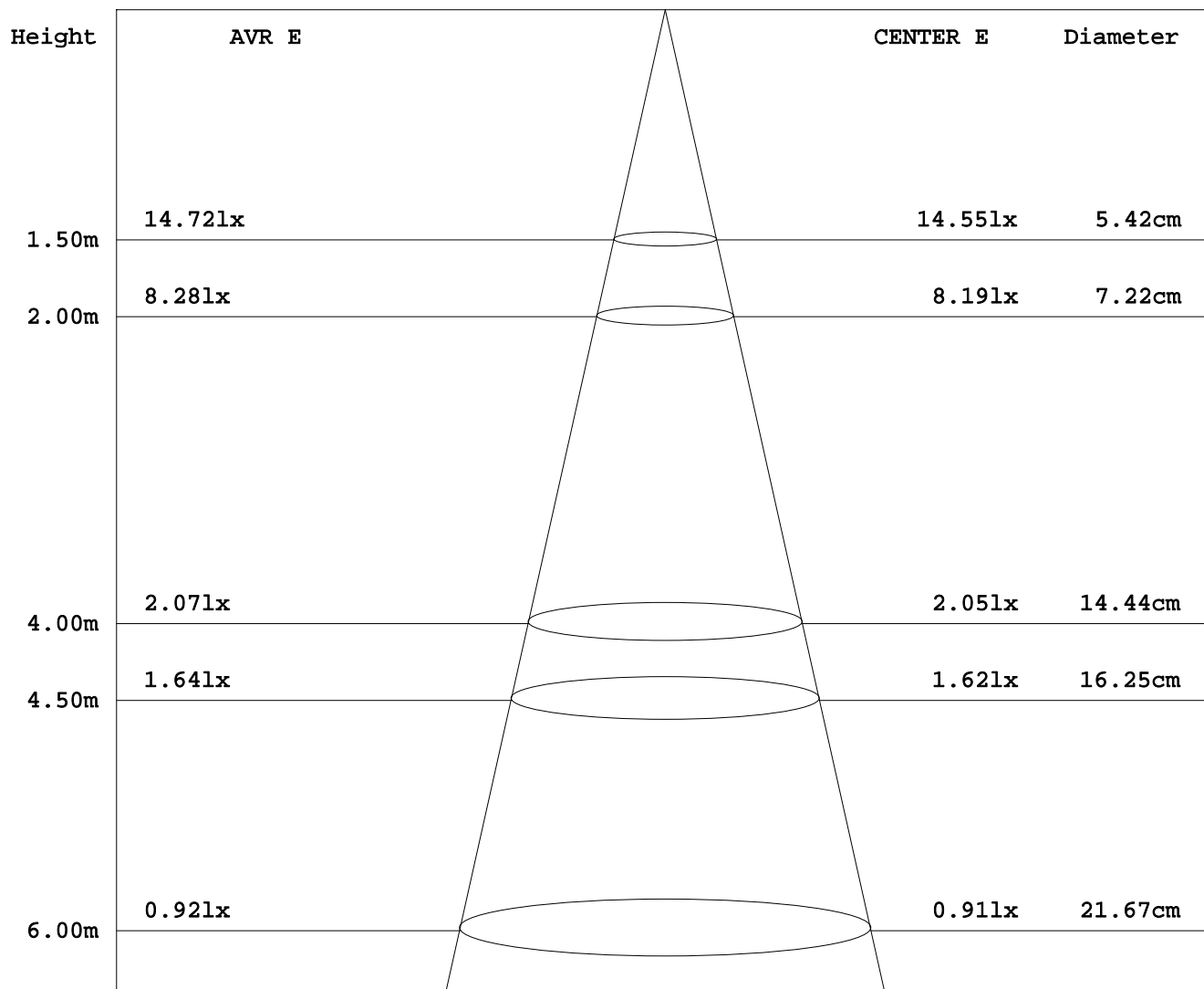
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-27-2025

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	32.11	30.27	30.02	31.44	31.62	35.08	36.09	35.29	0- 10	3.146	3.146
20.0	30.40	27.31	27.31	28.74	29.95	36.67	39.33	36.31	10- 20	9.200	12.34
30.0	27.83	24.24	24.81	25.84	27.79	37.87	42.53	36.87	20- 30	14.61	26.95
40.0	24.44	21.15	22.40	22.82	25.22	38.84	45.69	37.17	30- 40	19.11	46.07
50.0	20.31	18.17	20.35	19.64	22.13	39.68	48.63	37.20	40- 50	22.54	68.62
60.0	15.62	15.49	18.79	16.55	17.60	40.00	51.34	37.04	50- 60	24.74	93.36
70.0	10.56	13.39	17.74	13.87	12.53	40.01	53.76	36.74	60- 70	25.79	119.1
80.0	5.693	12.13	17.22	11.98	7.404	39.66	55.51	36.11	70- 80	25.91	145.0
90.0	1.786	11.20	16.59	11.03	2.976	38.32	55.36	34.36	80- 90	25.16	170.2
100.0	0.595	4.725	13.35	7.590	0.186	24.33	44.94	19.92	90-100	18.83	189.0
110.0	0.484	2.586	11.23	7.311	0.186	14.82	25.26	7.348	100-110	12.04	201.1
120.0	0.447	1.413	9.265	7.479	0.186	8.167	10.34	2.158	110-120	6.438	207.5
130.0	0.521	0.949	7.590	7.869	0.186	4.669	2.790	1.004	120-130	3.631	211.2
140.0	0.595	0.651	6.623	7.832	0.186	3.200	1.376	0.595	130-140	2.351	213.5
150.0	0.670	0.465	6.139	7.832	0.186	1.879	0.930	0.409	140-150	1.632	215.1
160.0	0.781	0.335	5.990	7.795	0.223	0.726	0.670	0.633	150-160	1.070	216.2
170.0	0.781	0.279	5.172	7.553	0.260	0.372	1.376	1.804	160-170	0.627	216.8
180.0	0.707	0.465	3.311	6.083	0.595	0.540	4.241	5.897	170-180	0.244	217.1
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:

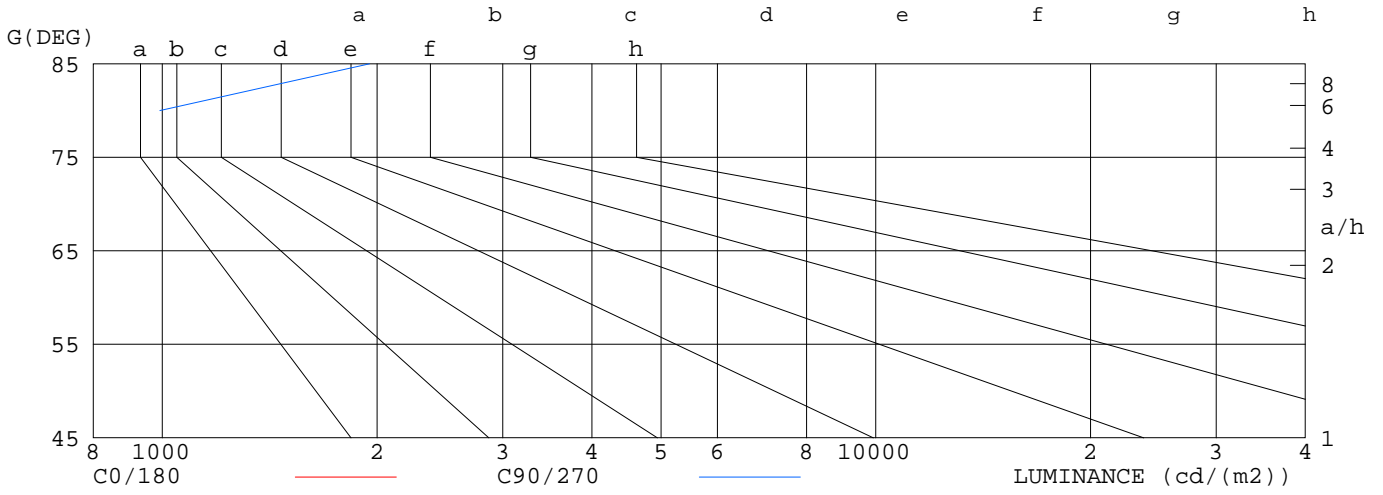
LUMINANCE LIMITATION CURVES

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	427	1951
80	328	992
75	309	674
70	309	519
65	309	431
60	313	376
55	314	340
50	316	317
45	318	302

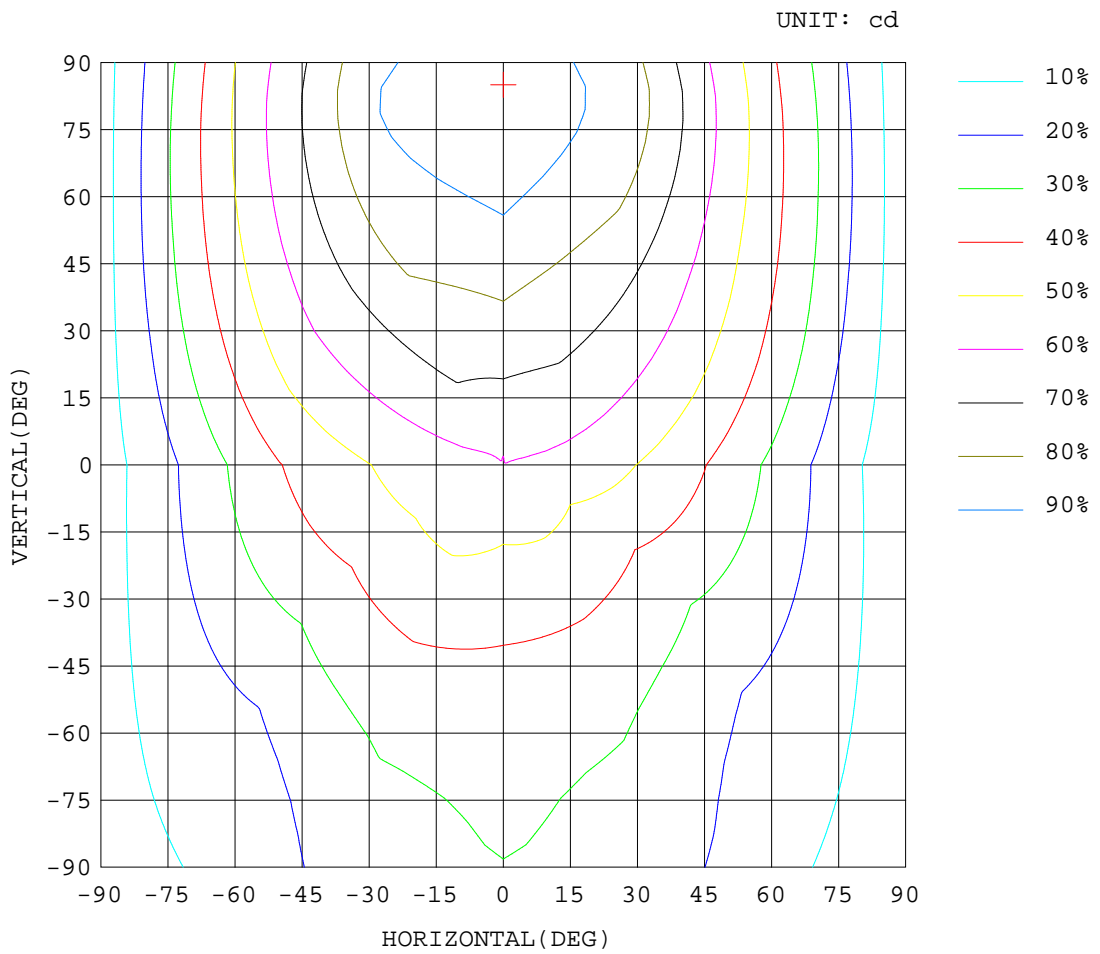
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

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

ISOCANDELA DIAGRAM

Report number:

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



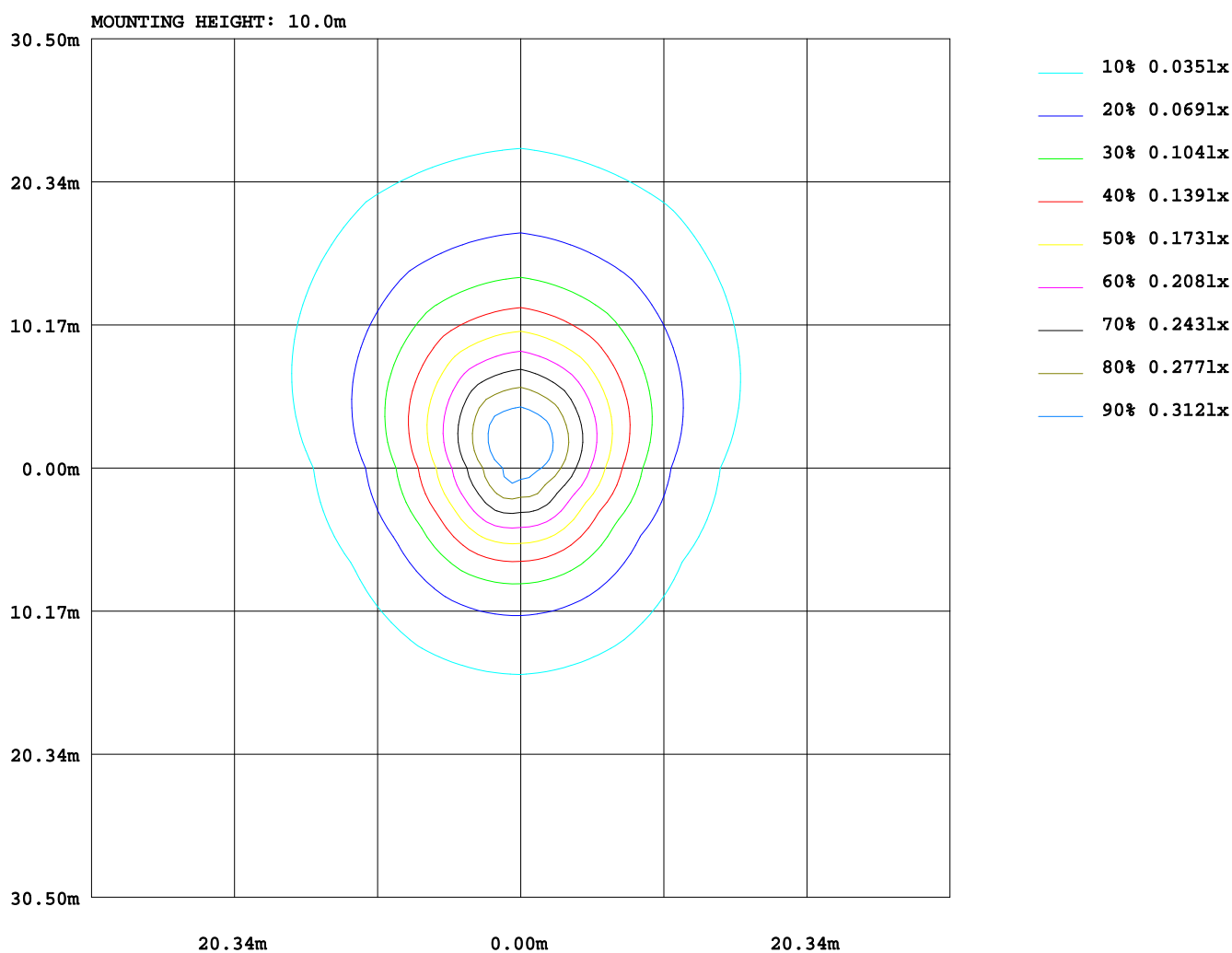
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-27-2025

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.:				

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	0.02	0.13	0.31	0.56	0.84	1.14	1.39	1.54	1.65	1.63	1.50	1.32	1.06	0.76	0.48	0.26	0.10	0.02	14.7	13.8		
80	0.02	0.13	0.32	0.56	0.84	1.14	1.38	1.53	1.63	1.61	1.48	1.32	1.06	0.76	0.49	0.27	0.11	0.02	14.7	13.8		
70	0.02	0.13	0.32	0.55	0.82	1.10	1.34	1.48	1.57	1.55	1.43	1.27	1.02	0.75	0.49	0.27	0.11	0.02	14.2	13.4		
60	0.02	0.13	0.31	0.54	0.79	1.05	1.28	1.41	1.49	1.47	1.36	1.21	0.98	0.72	0.48	0.27	0.11	0.02	13.6	12.8		
50	0.02	0.13	0.30	0.52	0.76	1.00	1.21	1.34	1.41	1.39	1.29	1.14	0.93	0.69	0.46	0.26	0.10	0.02	12.9	12.1		
40	0.02	0.12	0.28	0.49	0.72	0.93	1.12	1.26	1.32	1.30	1.22	1.07	0.88	0.66	0.44	0.25	0.10	0.02	12.2	11.4		
30	0.02	0.11	0.26	0.46	0.67	0.86	1.03	1.18	1.23	1.22	1.14	1.00	0.82	0.62	0.41	0.23	0.09	0.02	11.4	10.6		
20	0.02	0.10	0.24	0.42	0.61	0.79	0.95	1.07	1.14	1.13	1.06	0.93	0.76	0.57	0.38	0.21	0.08	0.01	10.5	9.84		
10	0.02	0.09	0.21	0.37	0.55	0.71	0.85	0.97	1.04	1.04	0.97	0.85	0.69	0.52	0.34	0.18	0.07	0.01	9.49	8.91		
0	0.02	0.08	0.19	0.34	0.50	0.64	0.78	0.89	0.96	0.94	0.87	0.76	0.63	0.47	0.31	0.17	0.07	0.01	8.62	8.08		
-10	0.02	0.08	0.18	0.32	0.46	0.60	0.72	0.83	0.89	0.87	0.79	0.68	0.56	0.43	0.29	0.16	0.06	0.01	7.94	7.43		
-20	0.02	0.07	0.17	0.29	0.42	0.54	0.67	0.77	0.80	0.79	0.73	0.62	0.50	0.38	0.26	0.15	0.06	0.01	7.25	6.77		
-30	0.02	0.07	0.16	0.26	0.37	0.50	0.62	0.70	0.72	0.71	0.66	0.57	0.46	0.34	0.23	0.14	0.06	0.01	6.58	6.13		
-40	0.01	0.06	0.14	0.22	0.33	0.45	0.56	0.63	0.65	0.64	0.60	0.53	0.42	0.31	0.21	0.12	0.06	0.01	5.95	5.54		
-50	0.01	0.06	0.12	0.20	0.30	0.41	0.51	0.56	0.59	0.58	0.55	0.49	0.39	0.28	0.19	0.11	0.05	0.01	5.42	5.05		
-60	0.01	0.05	0.11	0.18	0.28	0.38	0.47	0.52	0.55	0.54	0.51	0.46	0.37	0.27	0.17	0.10	0.05	0.01	5.02	4.68		
-70	0.01	0.05	0.10	0.16	0.26	0.36	0.44	0.49	0.52	0.52	0.49	0.44	0.36	0.26	0.16	0.10	0.04	0.01	4.76	4.46		
-80	0.01	0.04	0.09	0.15	0.24	0.35	0.43	0.47	0.50	0.51	0.48	0.43	0.35	0.25	0.16	0.09	0.04	0.01	4.59	4.31		
-90	0.01	0.04	0.09	0.15	0.24	0.35	0.43	0.47	0.50	0.51	0.48	0.43	0.35	0.25	0.16	0.09	0.04	0.01	4.59	4.31		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90		
Φ t	0.32	1.63	3.80	6.59	9.75	12.9	15.7	17.6	18.6	18.5	17.1	15.1	12.2	9.03	5.94	3.33	1.36	0.25	217			
Φ a	0.00	0.00	0.00	6.59	9.75	12.9	15.7	17.6	18.6	18.5	17.1	15.1	12.2	9.03	5.94	0.00	0.00	0.00				93

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

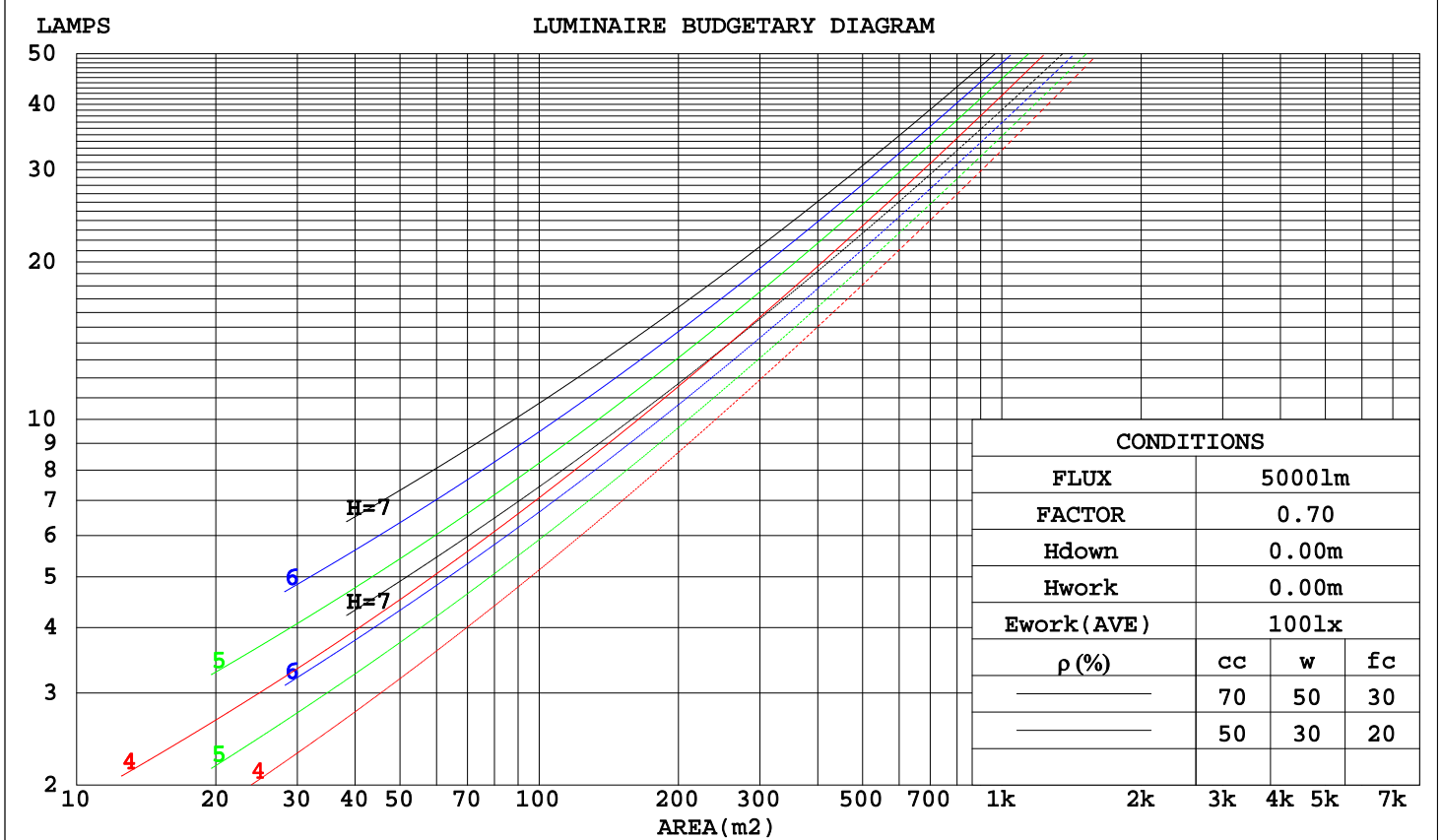
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

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	.67	.64	.64	.61	.58	.55
2.0	.77	.69	.61	.73	.66	.59	.66	.60	.54	.59	.54	.50	.53	.49	.45	.42
3.0	.66	.57	.49	.63	.54	.47	.57	.49	.43	.51	.45	.40	.46	.41	.36	.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	.24	.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	.232	.074	.380	.219	.070	.358	.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	.249	.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	.290	.304	.275	.249	.208	.189	.172	.120	.110	.100	.038	.035	.032	
2.0	.349	.299	.256	.299	.257	.221	.205	.178	.154	.118	.103	.090	.038	.033	.029	
3.0	.342	.282	.235	.293	.244	.204	.201	.169	.143	.116	.099	.084	.037	.032	.028	
4.0	.334	.270	.222	.287	.234	.193	.197	.163	.136	.114	.095	.080	.037	.031	.026	
5.0	.326	.261	.213	.280	.226	.185	.193	.158	.131	.112	.093	.078	.036	.030	.026	
6.0	.318	.253	.206	.273	.219	.180	.189	.153	.127	.109	.090	.076	.035	.029	.025	
7.0	.311	.246	.201	.267	.214	.176	.185	.150	.124	.107	.088	.074	.035	.029	.024	
8.0	.304	.241	.198	.261	.209	.173	.181	.147	.122	.105	.087	.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	.193	.251	.201	.168	.174	.142	.119	.102	.084	.071	.033	.028	.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		5.2	6.6	5.7	7.2	7.8	6.3	7.7	6.9	8.3	9.0
	3H	7.1	8.4	7.6	9.0	9.6	9.2	10.5	9.8	11.1	11.8
	4H	7.9	9.2	8.5	9.8	10.5	11.0	12.2	11.6	12.8	13.5
	6H	8.7	9.9	9.3	10.5	11.3	12.9	14.1	13.5	14.7	15.5
	8H	9.1	10.2	9.7	10.9	11.6	14.0	15.2	14.7	15.8	16.6
	12H	9.5	10.6	10.1	11.2	12.0	15.4	16.5	16.0	17.1	17.9
	4H 2H	6.0	7.2	6.6	7.9	8.6	6.9	8.1	7.5	8.8	9.5
	3H	8.0	9.1	8.7	9.8	10.5	10.1	11.2	10.7	11.9	12.6
	4H	9.1	10.1	9.7	10.8	11.5	12.0	13.0	12.7	13.7	14.5
	6H	10.1	11.0	10.8	11.7	12.5	14.2	15.1	14.9	15.8	16.7
	8H	10.6	11.5	11.3	12.2	13.0	15.5	16.3	16.2	17.0	17.9
	12H	11.1	11.9	11.8	12.6	13.5	16.9	17.7	17.6	18.5	19.3
	8H 4H	10.0	10.9	10.7	11.6	12.5	12.4	13.3	13.1	14.0	14.8
	6H	11.4	12.1	12.1	12.9	13.7	15.0	15.7	15.7	16.5	17.3
	8H	12.1	12.8	12.8	13.5	14.4	16.5	17.1	17.2	17.9	18.8
	12H	12.9	13.5	13.6	14.2	15.1	18.2	18.8	19.0	19.6	20.5
	12H 4H	10.5	11.3	11.2	12.0	12.8	12.4	13.2	13.2	14.0	14.8
	6H	12.0	12.7	12.8	13.4	14.3	15.1	15.8	15.9	16.5	17.4
	8H	12.9	13.5	13.6	14.2	15.2	16.7	17.3	17.5	18.1	19.0
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 217.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -5.3)

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	59	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	55	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	72	56	
ROOM INDEX	UF(total)									Direct	
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25			

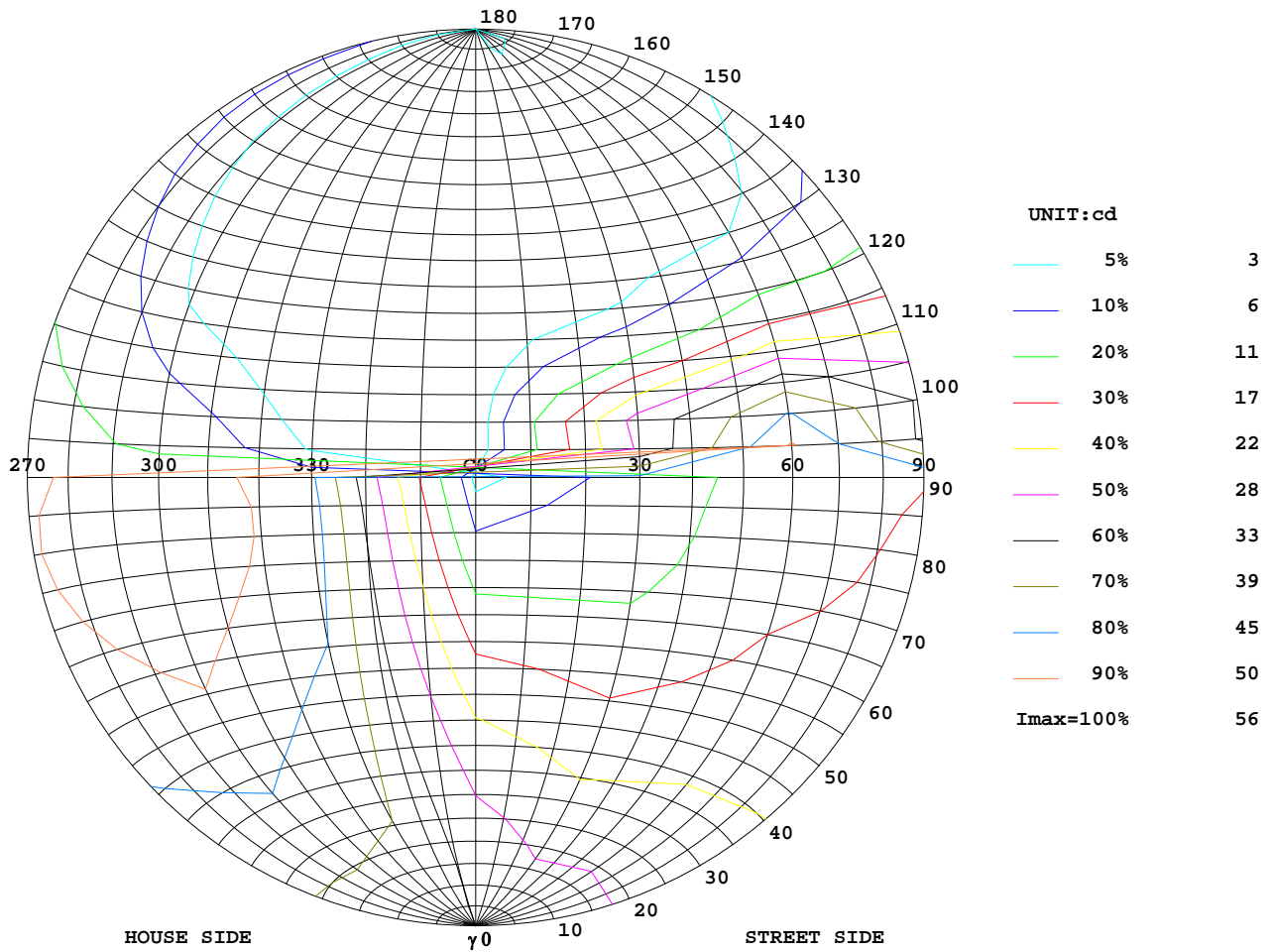
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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:25.3DEG
 Operators:
 Test Date:06-27-2025

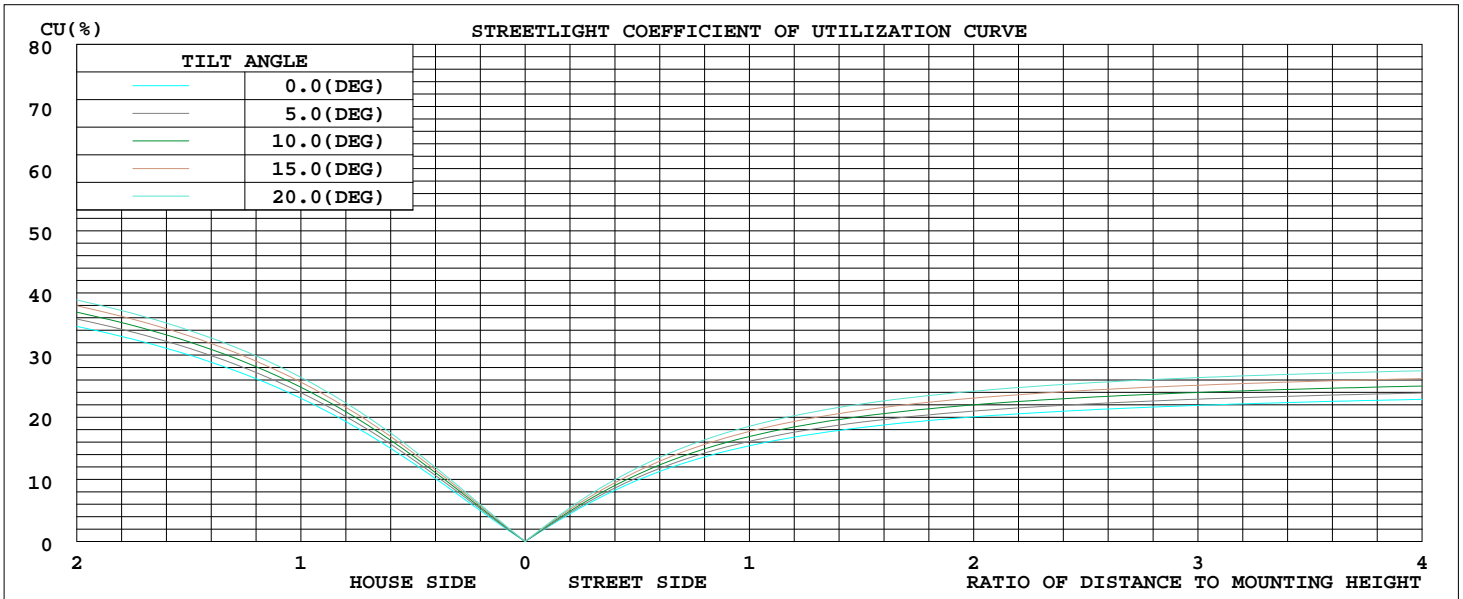
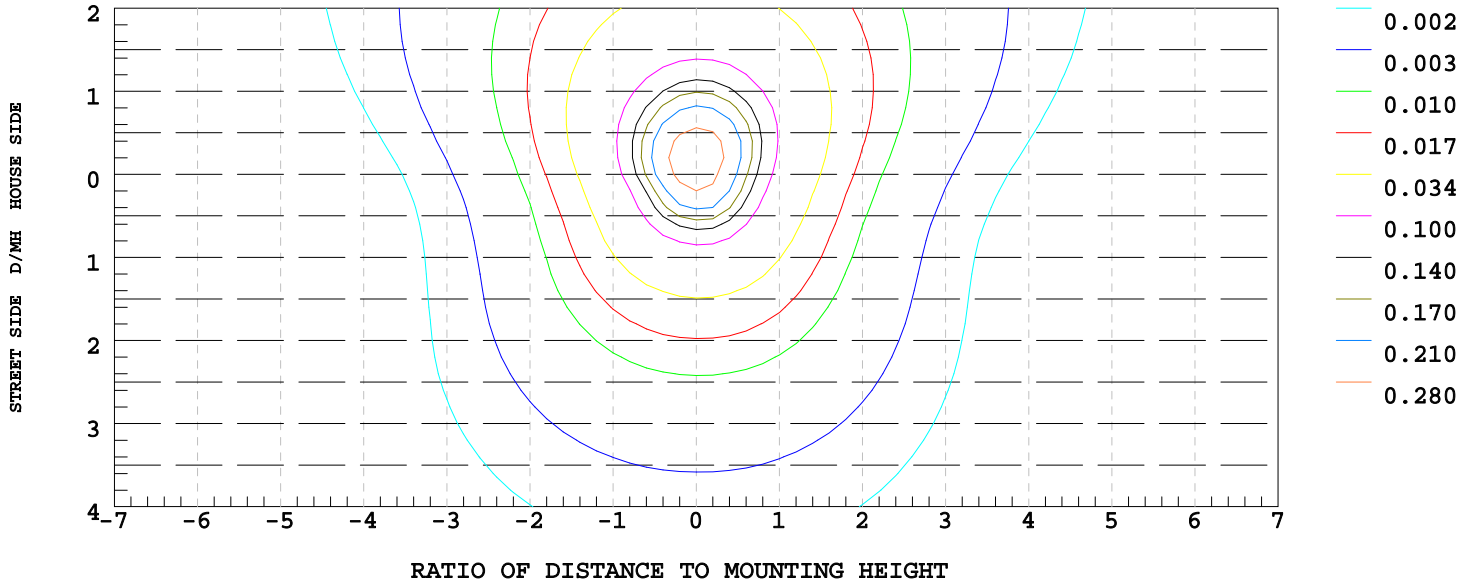
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.100 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 0.33 lx



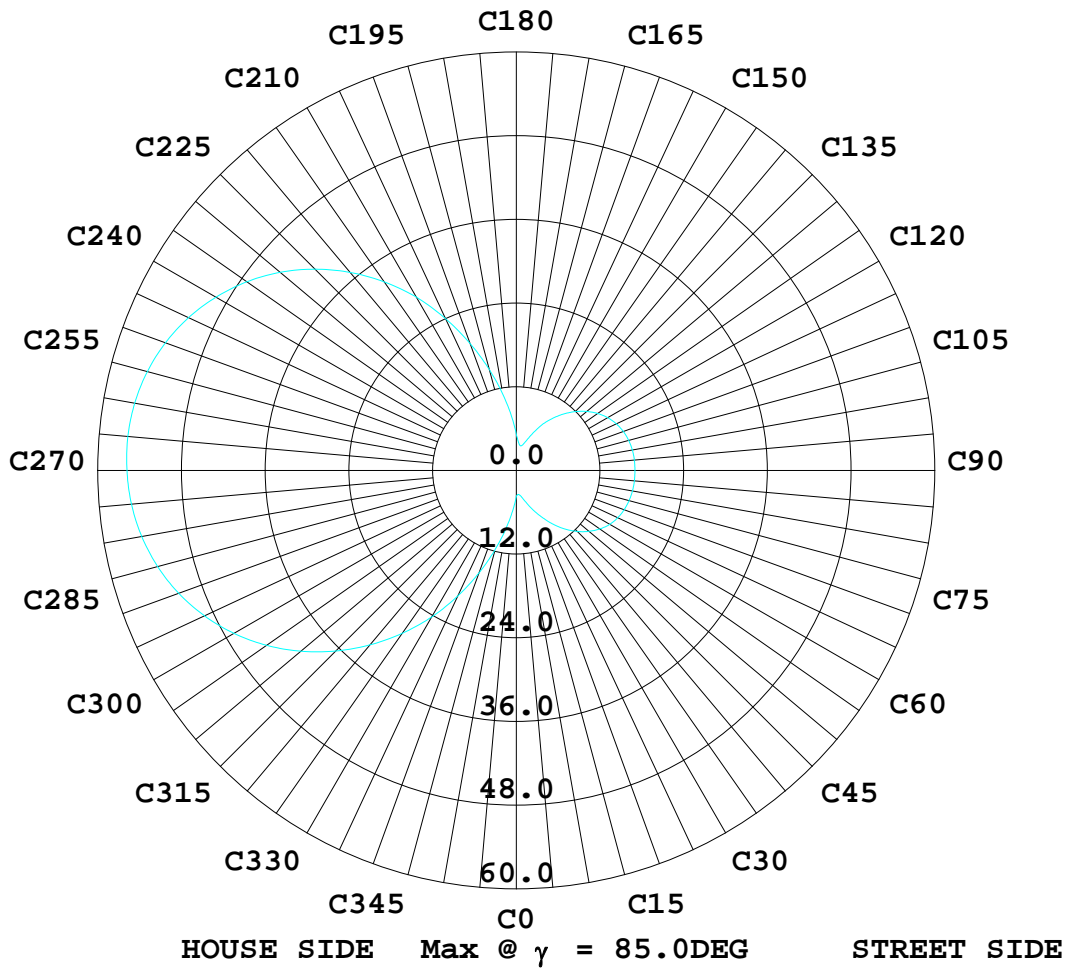
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-27-2025

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	32.7	32.4	33.3	32.8	33.8	33.3	32.7	32.4	33.3	32.8	33.8	33.3
5.0	32.5	31.3	31.9	31.4	32.6	32.5	32.2	33.3	34.7	34.4	35.0	34.0
10.0	32.1	30.1	30.4	30.0	31.3	31.5	31.6	34.0	36.1	36.0	36.1	34.4
15.0	31.4	28.6	29.0	28.6	30.0	30.2	30.8	34.3	37.5	37.6	37.1	34.5
20.0	30.4	27.0	27.5	27.3	28.7	28.7	29.9	34.4	38.8	39.3	38.1	34.5
25.0	29.2	25.5	26.0	26.0	27.4	27.2	28.9	34.5	40.0	40.8	38.9	34.3
30.0	27.8	23.8	24.6	24.8	26.0	25.6	27.7	34.5	41.1	42.5	39.7	34.0
35.0	26.2	22.1	23.2	23.5	24.6	24.0	26.5	34.4	42.2	44.1	40.5	33.5
40.0	24.4	20.4	21.8	22.4	23.2	22.3	25.2	34.3	43.3	45.6	41.3	33.0
45.0	22.5	18.7	20.6	21.3	21.9	20.6	23.7	34.1	44.3	47.2	42.0	32.3
50.0	20.3	16.9	19.4	20.3	20.6	18.6	22.1	33.9	45.3	48.6	42.8	31.5
55.0	18.0	15.1	18.3	19.4	19.3	16.7	19.9	33.3	46.4	50.0	43.6	30.5
60.0	15.6	13.5	17.4	18.7	18.2	14.8	17.6	32.6	47.3	51.3	44.5	29.5
65.0	13.0	11.9	16.7	18.1	17.3	12.9	15.1	31.8	48.2	52.6	45.3	28.4
70.0	10.5	10.5	16.2	17.7	16.5	11.2	12.5	31.0	48.9	53.7	46.1	27.3
75.0	8.00	9.41	15.8	17.4	15.8	9.71	9.93	30.2	49.5	54.8	46.7	26.2
80.0	5.69	8.59	15.6	17.2	15.4	8.52	7.40	29.4	49.8	55.5	46.9	25.2
85.0	3.72	8.00	15.4	17.0	15.1	7.73	5.20	28.7	49.7	55.8	46.7	24.2
90.0	1.78	7.25	15.1	16.5	14.8	7.21	2.97	27.8	48.8	55.3	45.5	23.1
95.0	0.67	2.49	9.71	14.3	10.5	5.13	0.86	23.1	32.4	50.8	28.8	15.6
100.0	0.60	1.48	7.96	13.3	10.7	4.46	0.19	15.6	33.0	44.9	30.0	9.82
105.0	0.52	0.97	6.02	12.2	10.2	4.50	0.19	11.7	27.6	36.4	21.2	4.35
110.0	0.48	0.71	4.46	11.2	9.82	4.80	0.19	8.63	21.0	25.2	12.3	2.34
115.0	0.45	0.56	3.20	10.3	9.60	5.20	0.19	6.13	15.5	15.6	6.73	1.67
120.0	0.45	0.41	2.41	9.26	9.37	5.58	0.19	4.61	11.7	10.3	3.05	1.26
125.0	0.48	0.33	1.97	8.37	9.22	6.13	0.19	3.38	8.63	5.95	1.78	1.00
130.0	0.52	0.26	1.63	7.59	9.00	6.73	0.19	2.86	6.47	2.79	1.19	0.82
135.0	0.56	0.22	1.33	6.99	8.70	7.10	0.19	2.56	5.09	1.71	0.86	0.67
140.0	0.60	0.19	1.11	6.62	8.37	7.29	0.19	2.30	4.09	1.37	0.60	0.60
145.0	0.63	0.19	0.89	6.28	8.22	7.40	0.19	1.86	3.27	1.11	0.45	0.52
150.0	0.67	0.19	0.74	6.13	8.22	7.44	0.19	1.19	2.56	0.93	0.37	0.45
155.0	0.71	0.19	0.60	6.06	8.03	7.66	0.22	0.52	1.89	0.78	0.37	0.45
160.0	0.78	0.19	0.48	5.99	7.73	7.85	0.22	0.45	1.00	0.67	0.63	0.63
165.0	0.82	0.19	0.41	5.76	7.51	7.88	0.22	0.45	0.19	0.71	1.07	0.82
170.0	0.78	0.22	0.33	5.17	7.36	7.73	0.26	0.56	0.19	1.37	1.93	1.67
175.0	0.74	0.48	0.33	4.39	6.95	7.14	0.26	0.74	0.19	2.53	3.38	4.65
180.0	0.71	0.63	0.30	3.31	5.99	6.17	0.60	0.89	0.19	4.24	4.87	6.92

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

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