

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

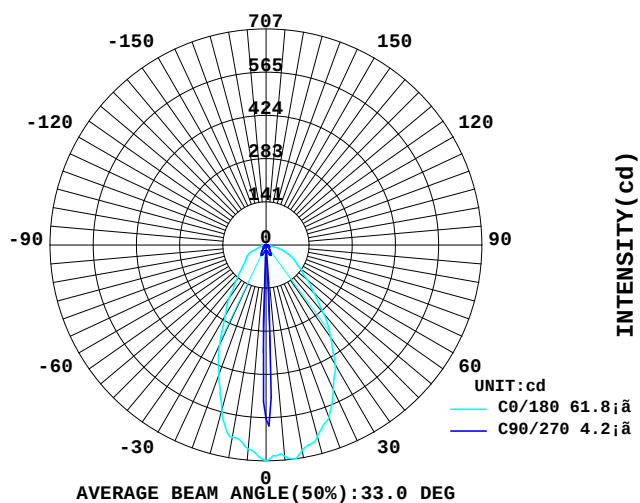
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

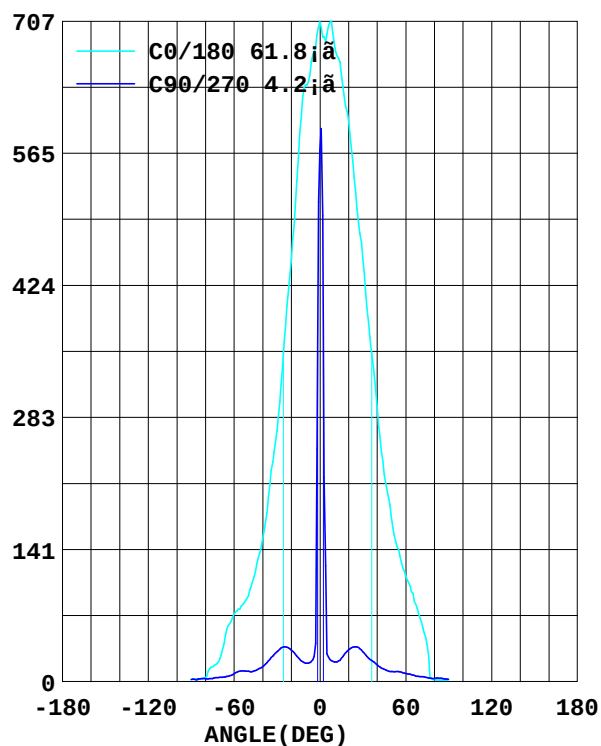
MANUFACTURER:		
Address:		
NAME: WINDOW LIGHT	TYPE: 5W	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.: LA/YE6L-990706

DATA OF LAMP		I _{max} (cd)	706.7	S/MH(C0/180)	0.77
MODEL	SMD	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.06
NOMINAL POWER(W)	5	TOTAL FLUX(lm)	512.49	Voltage(V)	231.3
RATED VOLTAGE(V)	232	EFFICIENCY(lm/W)	112.6	Current(A)	0.043
NOMINAL FLUX(lm)	512.5	η up(%)	0.0	Power(W)	4.550
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.449
TEST VOLTAGE(V)	231.4	Effective Flux(lm)	512.5	EEI	0.101

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

Color Temperature Data List

Report number:

MANUFACTURER:		
Address:		
NAME: WINDOW LIGHT	TYPE: 5W	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.: LA/YE6L-990706

Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

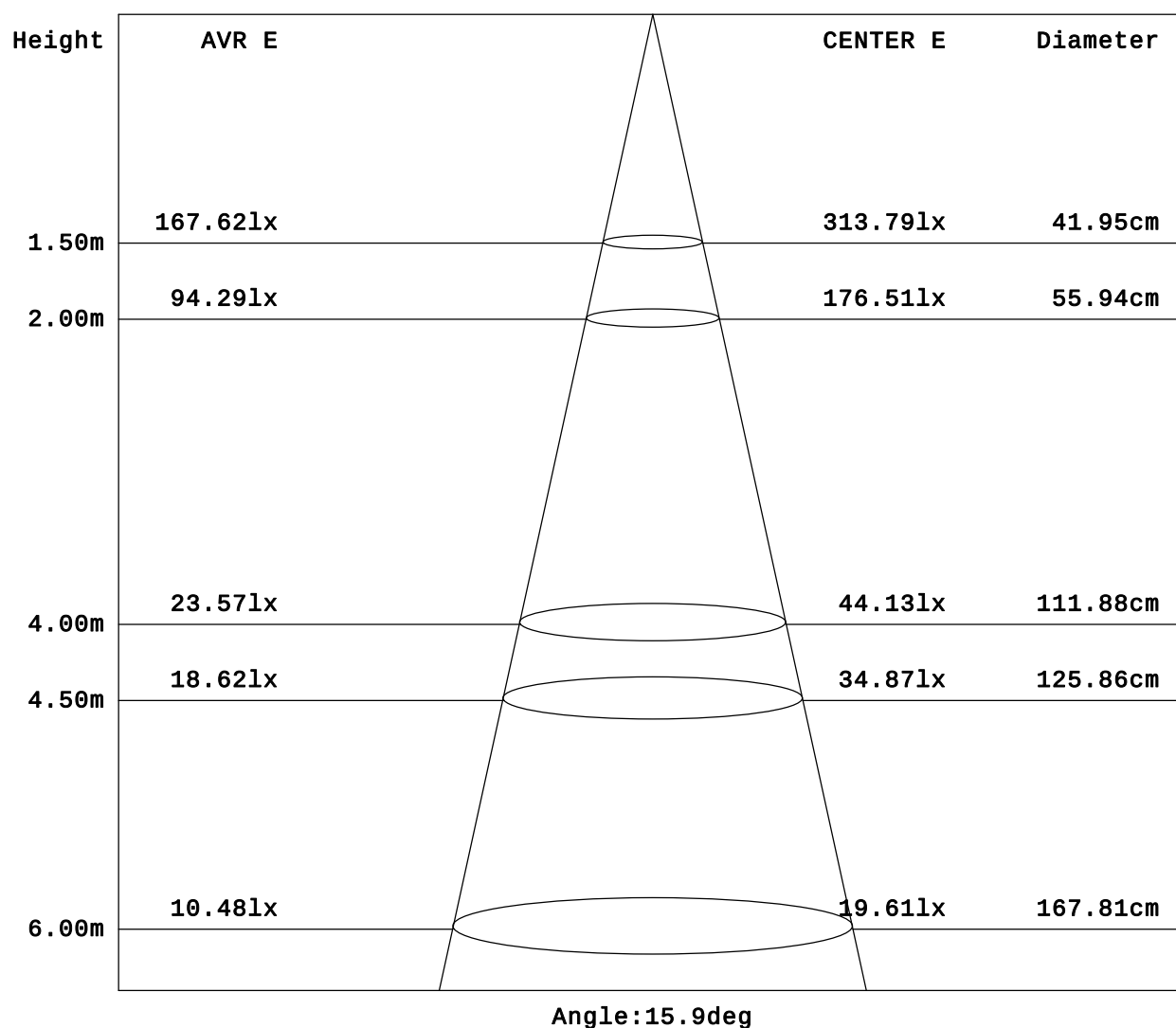
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: WINDOW LIGHT	TYPE: 5W	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.: LA/YE6L-990706



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: WINDOW LIGHT	TYPE: 5W	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.: LA/YE6L-990706

γ	C0	C90	C180	C270					γ	zone	total
5.0	671.0	23.52	692.9	29.59					0- 5	10.29	10.29
10.0	638.9	19.86	683.3	21.11					5- 10	24.86	35.16
15.0	561.4	25.46	650.0	24.93					10- 15	39.13	74.29
20.0	451.3	33.89	601.9	33.89					15- 20	48.76	123.0
25.0	361.2	37.23	522.7	37.34					20- 25	54.61	177.6
30.0	268.2	31.98	453.0	31.95					25- 30	54.77	232.4
35.0	211.5	23.71	369.5	23.84					30- 35	51.85	284.3
40.0	153.0	16.01	294.1	17.95					35- 40	46.00	330.3
45.0	118.3	11.88	221.4	13.10					40- 45	38.77	369.0
50.0	92.03	11.00	176.5	10.68					45- 50	33.03	402.1
55.0	80.65	11.32	141.4	10.71					50- 55	28.52	430.6
60.0	72.03	8.301	112.9	8.725					55- 60	25.64	456.3
65.0	55.96	5.516	94.31	7.161					60- 65	22.09	478.3
70.0	23.92	4.588	67.84	5.463					65- 70	16.43	494.8
75.0	15.80	3.421	39.73	4.376					70- 75	10.84	505.6
80.0	4.349	3.156	2.095	3.315					75- 80	3.935	509.6
85.0	2.837	2.864	1.511	3.527					80- 85	1.606	511.2
90.0	2.280	2.121	1.777	2.493					85- 90	1.285	512.4
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

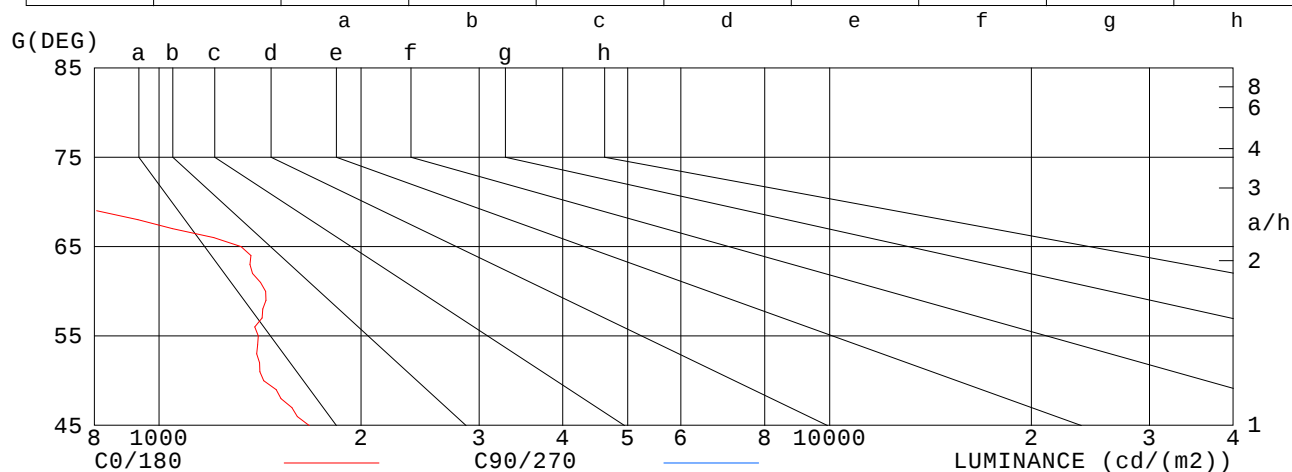
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: WINDOW LIGHT	TYPE: 5W	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.: LA/YE6L-990706

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
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	326	329
80	250	182
75	611	132
70	699	134
65	1324	131
60	1441	166
55	1406	197
50	1432	171
45	1674	168

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

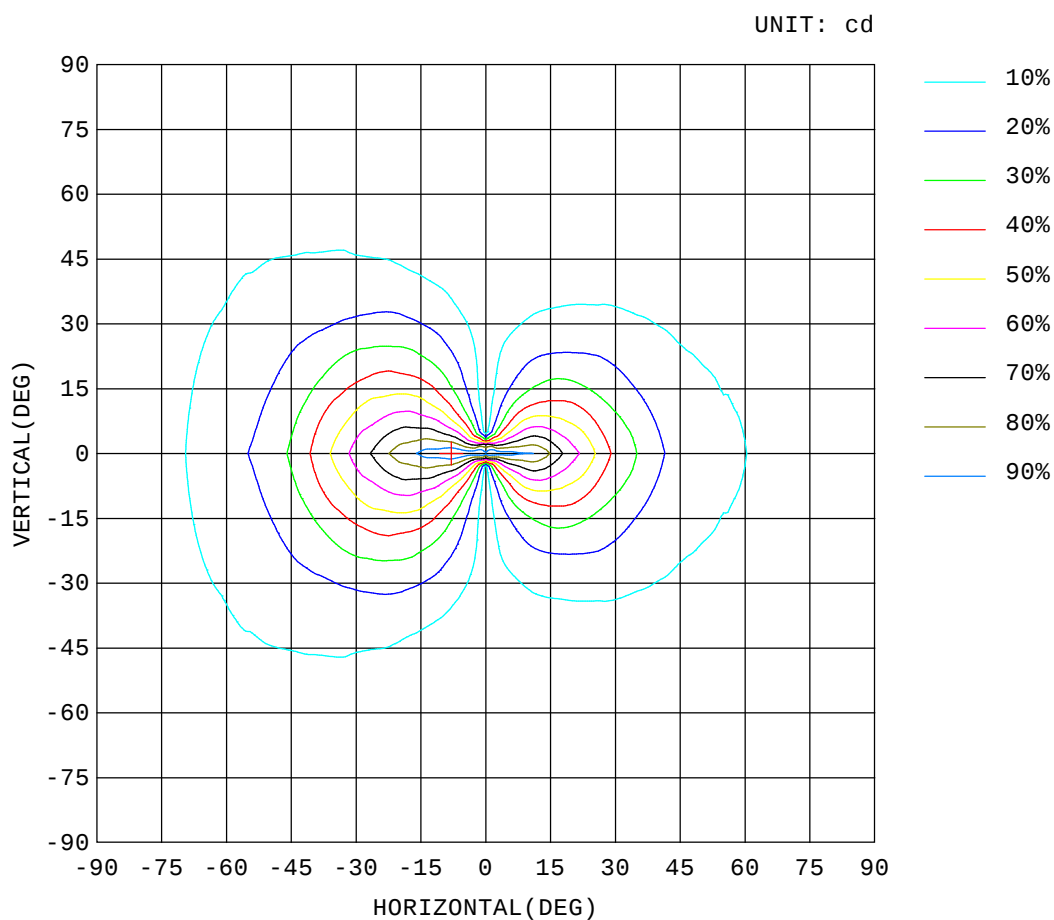
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: WINDOW LIGHT	TYPE: 5W	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.: LA/YE6L-990706



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

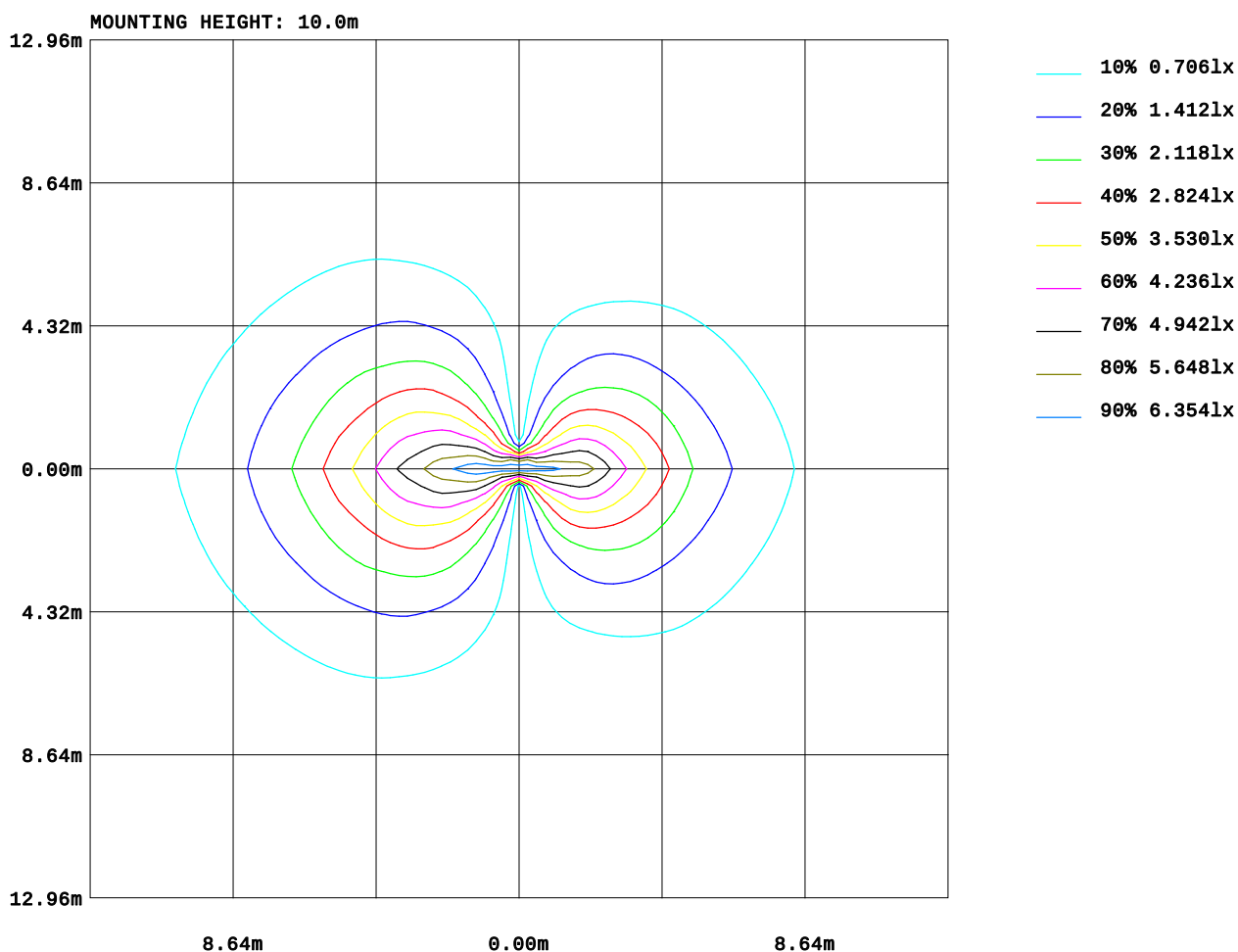
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: WINDOW LIGHT	TYPE: 5W	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.: LA/YE6L-990706



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:		
Address:		
NAME: WINDOW LIGHT	TYPE: 5W	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.: LA/YE6L-990706

90	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.00	0.01	0.02	0.04	0.05	0.06	0.08	0.09	0.10	0.10	0.10	0.09	0.08	0.06	0.05	0.03	0.02	0.01	0.99	0.99		
80	0.00	0.01	0.03	0.04	0.09	0.20	0.26	0.25	0.18	0.15	0.17	0.18	0.16	0.12	0.07	0.04	0.02	0.01	1.98	1.98		
70	0.00	0.02	0.04	0.30	0.65	0.80	0.79	0.63	0.37	0.29	0.41	0.45	0.38	0.27	0.19	0.07	0.02	0.01	5.69	5.69		
60	0.00	0.02	0.26	0.78	1.11	1.29	1.26	1.01	0.57	0.45	0.70	0.84	0.84	0.63	0.31	0.15	0.03	0.01	10.2	10.2		
50	0.00	0.04	0.56	1.10	1.56	1.88	1.98	1.66	0.90	0.65	1.01	1.15	1.13	1.00	0.61	0.22	0.06	0.01	15.5	15.5		
40	0.00	0.12	0.76	1.42	2.12	2.87	3.39	3.11	1.71	1.25	1.89	1.91	1.58	1.24	0.89	0.33	0.08	0.01	24.7	24.7		
30	0.00	0.20	0.93	1.75	2.88	4.43	5.77	5.50	2.96	2.31	3.67	3.40	2.40	1.57	1.07	0.47	0.10	0.01	39.4	39.4		
VERTICAL (DEG)	0.00	0.25	1.06	2.07	3.76	6.45	8.94	9.15	4.64	4.01	6.96	5.70	3.56	2.01	1.23	0.58	0.12	0.01	60.5	60.5		
	0.00	0.29	1.16	2.35	4.59	8.45	12.6	15.1	11.4	10.8	12.7	8.61	4.77	2.43	1.36	0.66	0.12	0.01	97.7	97.7		
	0.00	0.29	1.16	2.35	4.59	8.45	12.6	15.1	11.0	10.4	12.7	8.61	4.76	2.43	1.36	0.66	0.12	0.01	96.9	96.9		
	0.00	0.25	1.06	2.07	3.76	6.45	8.94	9.15	4.65	4.02	6.96	5.70	3.56	2.01	1.23	0.58	0.11	0.01	60.5	60.5		
	0.00	0.20	0.92	1.75	2.88	4.41	5.77	5.50	2.96	2.30	3.67	3.40	2.39	1.57	1.07	0.47	0.10	0.01	39.4	39.4		
	0.00	0.12	0.76	1.42	2.12	2.87	3.37	3.09	1.69	1.23	1.87	1.88	1.57	1.25	0.89	0.32	0.08	0.01	24.5	24.5		
	0.00	0.04	0.56	1.10	1.56	1.89	1.98	1.65	0.87	0.62	1.00	1.15	1.14	0.99	0.61	0.21	0.06	0.01	15.4	15.4		
	0.00	0.02	0.26	0.77	1.10	1.27	1.26	1.02	0.59	0.47	0.70	0.83	0.82	0.61	0.31	0.15	0.03	0.01	10.2	10.2		
	0.00	0.01	0.04	0.30	0.64	0.78	0.76	0.60	0.33	0.26	0.38	0.42	0.36	0.26	0.18	0.07	0.02	0.01	5.45	5.45		
	0.00	0.01	0.03	0.04	0.08	0.19	0.25	0.24	0.16	0.13	0.16	0.17	0.15	0.12	0.07	0.04	0.02	0.01	1.85	1.85		
0.00	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.08	0.08	0.08	0.07	0.07	0.06	0.04	0.03	0.02	0.01	0.85	0.85			
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90		
Φ t	0.08	1.91	9.64	19.7	33.6	52.8	70.2	73.0	45.3	39.6	55.3	44.6	29.7	18.6	11.5	5.08	1.16	0.13	512			
Φ a	0.08	1.91	9.64	19.7	33.6	52.8	70.2	73.0	45.3	39.6	55.3	44.6	29.7	18.6	11.5	5.08	1.16	0.13		512		

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

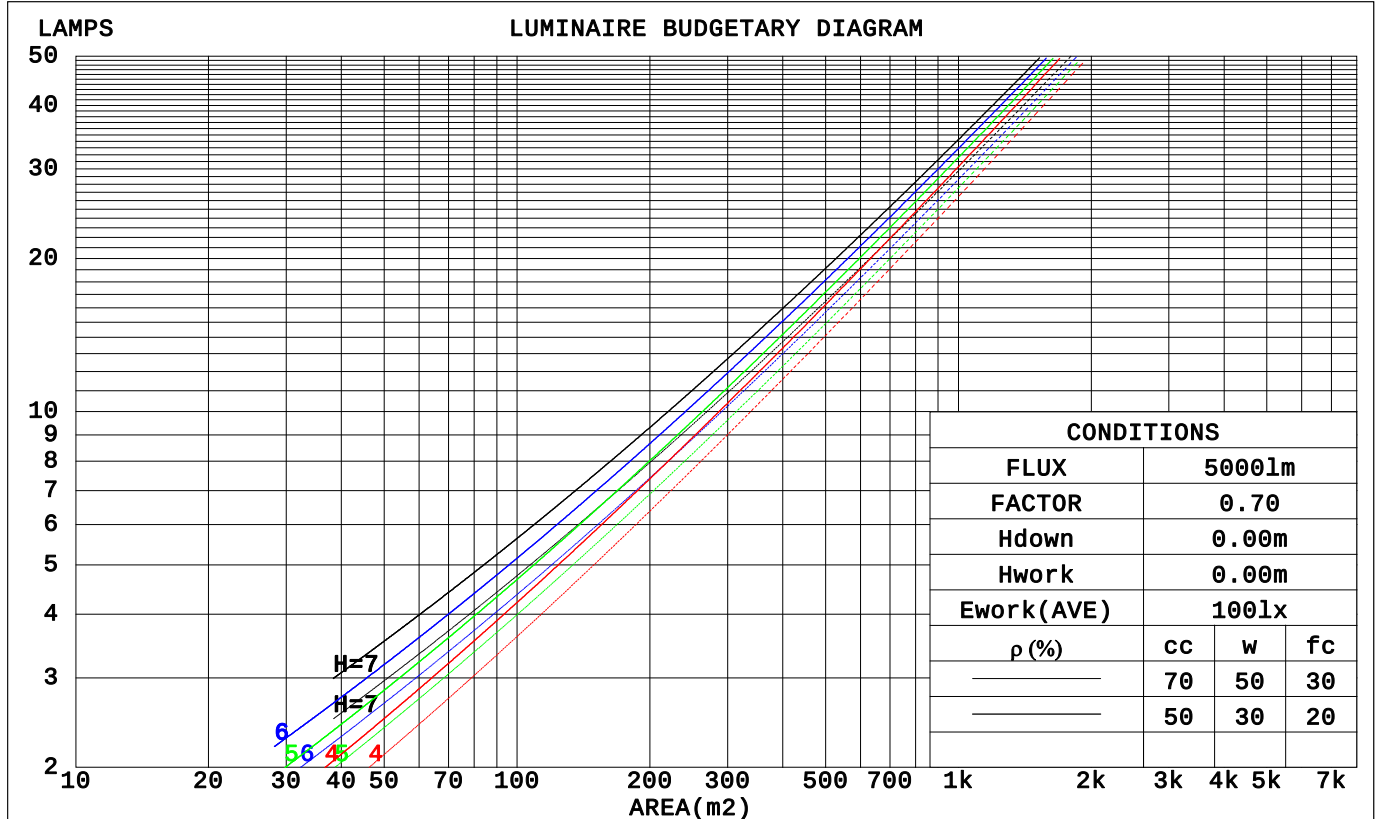
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address:															
NAME: WINDOW LIGHT								TYPE: 5W				WEIGHT:			
SPECIFICATION:								DIMENSION:				SERIAL No.: LA/YE6L-990706			

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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.94	.92	.90	.89
2.0	.96	.91	.86	.95	.90	.85	.91	.87	.83	.88	.85	.81	.85	.82	.80	.78
3.0	.87	.80	.75	.86	.79	.74	.83	.77	.73	.80	.76	.72	.78	.74	.71	.69
4.0	.79	.72	.66	.78	.71	.66	.75	.69	.65	.73	.68	.64	.71	.67	.63	.61
5.0	.72	.65	.59	.71	.64	.59	.69	.63	.58	.67	.62	.57	.66	.61	.57	.55
6.0	.66	.59	.53	.65	.58	.53	.64	.57	.52	.62	.56	.52	.61	.56	.52	.50
7.0	.61	.54	.48	.60	.53	.48	.59	.52	.48	.58	.52	.47	.56	.51	.47	.45
8.0	.57	.49	.44	.56	.49	.44	.55	.48	.44	.54	.48	.44	.53	.47	.43	.42
9.0	.53	.46	.41	.52	.45	.41	.51	.45	.40	.50	.44	.40	.49	.44	.40	.38
10.0	.49	.42	.38	.49	.42	.38	.48	.42	.37	.47	.41	.37	.46	.41	.37	.36



Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER:														
Address:														
NAME: WINDOW LIGHT								TYPE: 5W			WEIGHT:			
SPECIFICATION:								DIMENSION:			SERIAL No.: LA/YE6L-990706			

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	.244	.139	.044	.237	.135	.043	.224	.129	.041	.212	.122	.039	.201	.117	.038		
2.0	.235	.129	.039	.229	.126	.039	.217	.121	.038	.207	.116	.036	.198	.112	.035		
3.0	.221	.118	.035	.216	.116	.035	.206	.112	.034	.197	.108	.033	.189	.104	.032		
4.0	.207	.108	.032	.203	.106	.031	.194	.103	.031	.186	.100	.030	.179	.097	.030		
5.0	.194	.099	.029	.190	.098	.028	.182	.095	.028	.175	.093	.028	.169	.090	.027		
6.0	.182	.091	.026	.179	.090	.026	.172	.088	.026	.166	.086	.025	.160	.084	.025		
7.0	.171	.085	.024	.168	.084	.024	.162	.082	.024	.157	.080	.023	.151	.079	.023		
8.0	.161	.079	.022	.159	.078	.022	.153	.077	.022	.148	.075	.022	.144	.074	.021		
9.0	.153	.074	.021	.150	.073	.021	.145	.072	.020	.141	.071	.020	.136	.069	.020		
10.0	.145	.069	.019	.142	.069	.019	.138	.068	.019	.134	.066	.019	.130	.065	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.176	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.165	.132	.105	.141	.114	.091	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.155	.114	.081	.133	.098	.070	.091	.068	.049	.053	.040	.029	.017	.013	.010	
4.0	.146	.100	.065	.126	.086	.056	.086	.060	.040	.050	.035	.023	.016	.011	.008	
5.0	.139	.089	.053	.119	.077	.046	.082	.054	.032	.048	.032	.019	.015	.010	.006	
6.0	.132	.080	.044	.113	.070	.038	.078	.049	.027	.045	.029	.016	.015	.009	.005	
7.0	.125	.073	.037	.108	.063	.032	.074	.045	.023	.043	.026	.014	.014	.009	.004	
8.0	.119	.067	.032	.102	.058	.028	.071	.041	.020	.041	.024	.012	.013	.008	.004	
9.0	.113	.062	.028	.098	.054	.024	.068	.038	.017	.039	.022	.010	.013	.007	.003	
10.0	.108	.058	.024	.093	.050	.021	.065	.035	.015	.038	.021	.009	.012	.007	.003	

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

Uncorrected UGR Table

Report number:

MANUFACTURER:										
Address:										
NAME: WINDOW LIGHT					TYPE: 5W			WEIGHT:		
SPECIFICATION:					DIMENSION:			SERIAL No.: LA/YE6L-990706		
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	12.8	14.1	13.1	14.3	14.5	6.3	7.6	6.6	7.8	7.9
3H	13.7	14.9	14.0	15.1	15.3	6.7	7.8	7.0	8.1	8.3
4H	13.9	15.0	14.2	15.2	15.5	6.8	7.9	7.1	8.1	8.4
6H	14.0	15.0	14.3	15.3	15.5	6.9	7.9	7.2	8.2	8.5
8H	13.9	14.9	14.3	15.2	15.5	7.0	8.0	7.3	8.3	8.5
12H	13.9	14.9	14.3	15.2	15.5	7.2	8.1	7.5	8.4	8.7
4H 2H	12.9	14.0	13.2	14.2	14.5	8.0	9.1	8.3	9.3	9.5
3H	13.9	14.8	14.2	15.1	15.4	8.4	9.4	8.8	9.7	10.0
4H	14.1	15.0	14.5	15.3	15.6	8.6	9.5	9.0	9.8	10.1
6H	14.3	15.0	14.6	15.4	15.7	8.7	9.5	9.1	9.8	10.2
8H	14.2	15.0	14.6	15.3	15.7	8.8	9.5	9.2	9.9	10.3
12H	14.2	14.9	14.7	15.3	15.7	9.0	9.7	9.4	10.0	10.4
8H 4H	14.1	14.8	14.5	15.2	15.5	8.9	9.7	9.3	10.0	10.4
6H	14.2	14.8	14.7	15.2	15.7	9.1	9.7	9.6	10.1	10.6
8H	14.2	14.8	14.7	15.2	15.6	9.3	9.8	9.8	10.3	10.7
12H	14.3	14.7	14.7	15.2	15.6	9.6	10.0	10.1	10.5	10.9
12H 4H	14.0	14.7	14.5	15.1	15.5	8.9	9.6	9.3	10.0	10.4
6H	14.2	14.7	14.7	15.2	15.6	9.2	9.7	9.6	10.1	10.6
8H	14.2	14.7	14.7	15.1	15.6	9.4	9.8	9.8	10.3	10.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.4					+ 0.7 / - 0.7				
1.5H	+ 1.3 / - 1.0					+ 0.6 / - 1.1				
2.0H	+ 1.2 / - 2.3					+ 1.4 / - 2.5				

CIE Pub.117 Corrected 512.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.3)

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:										
Address:										
NAME: WINDOW LIGHT					TYPE: 5W			WEIGHT:		
SPECIFICATION:					DIMENSION:			SERIAL No.: LA/YE6L-990706		

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) $k(RI) \times RCR = 5$									
$k = 0.60$	69	60	54	69	60	54	68	59	54	49
0.80	79	69	64	78	69	63	76	68	63	57
1.00	86	77	71	85	76	71	83	77	70	65
1.25	92	84	78	90	83	78	88	82	77	71
1.50	96	88	83	94	87	82	92	86	81	75
2.00	101	95	90	99	93	89	96	91	87	81
2.50	104	98	93	102	97	93	99	94	91	83
3.00	107	101	97	105	100	96	101	97	94	86
4.00	110	105	102	108	104	101	104	100	98	90
5.00	112	108	105	109	106	103	105	103	100	92
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:10-18-2020

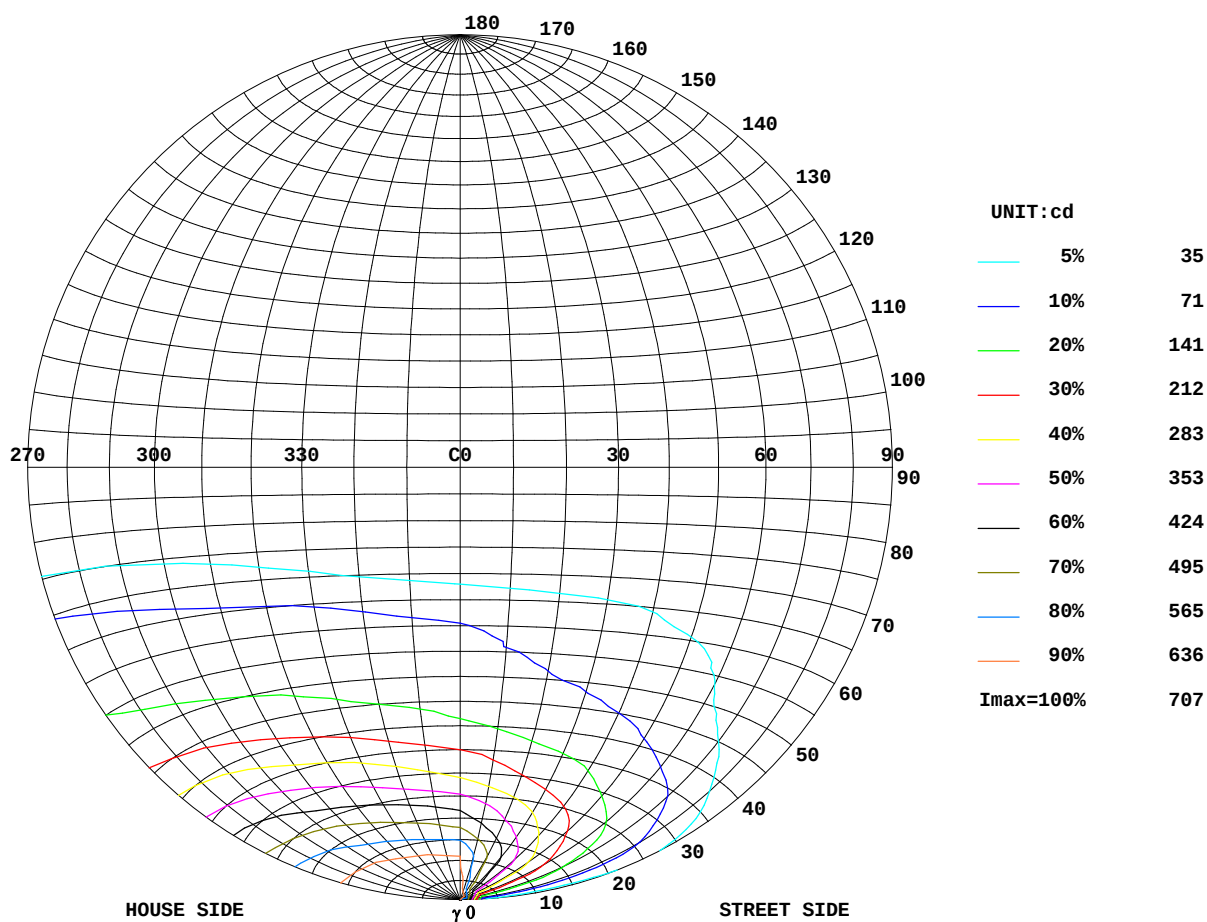
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.150 m
 Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: WINDOW LIGHT	TYPE: 5W	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.: LA/YE6L-990706



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

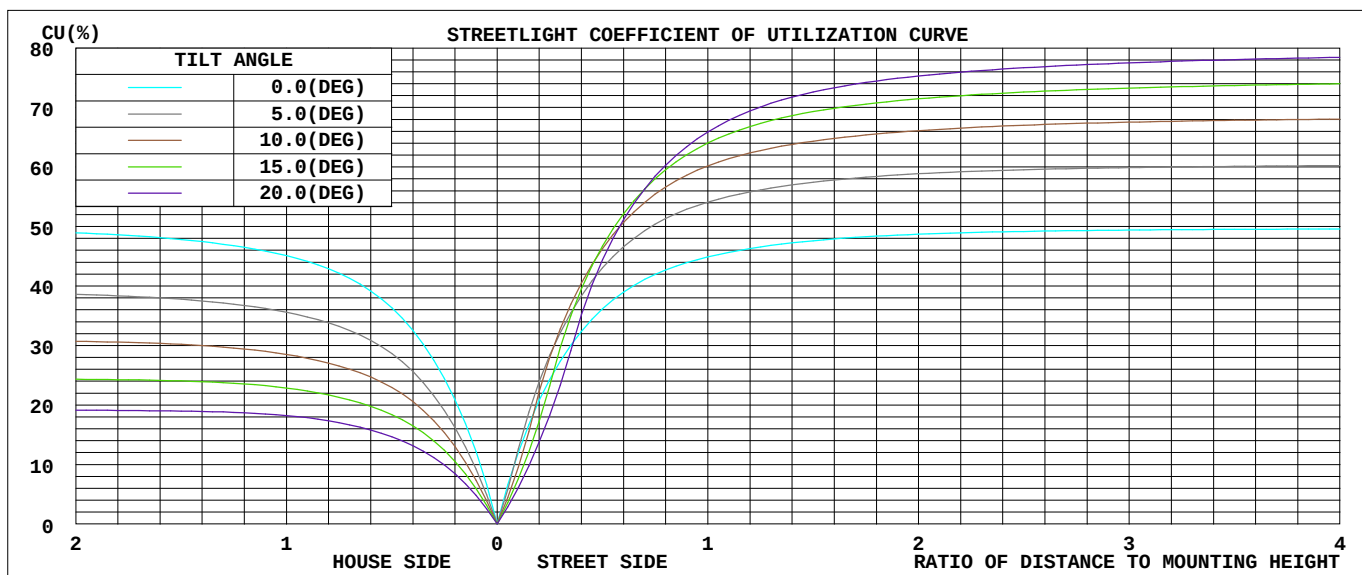
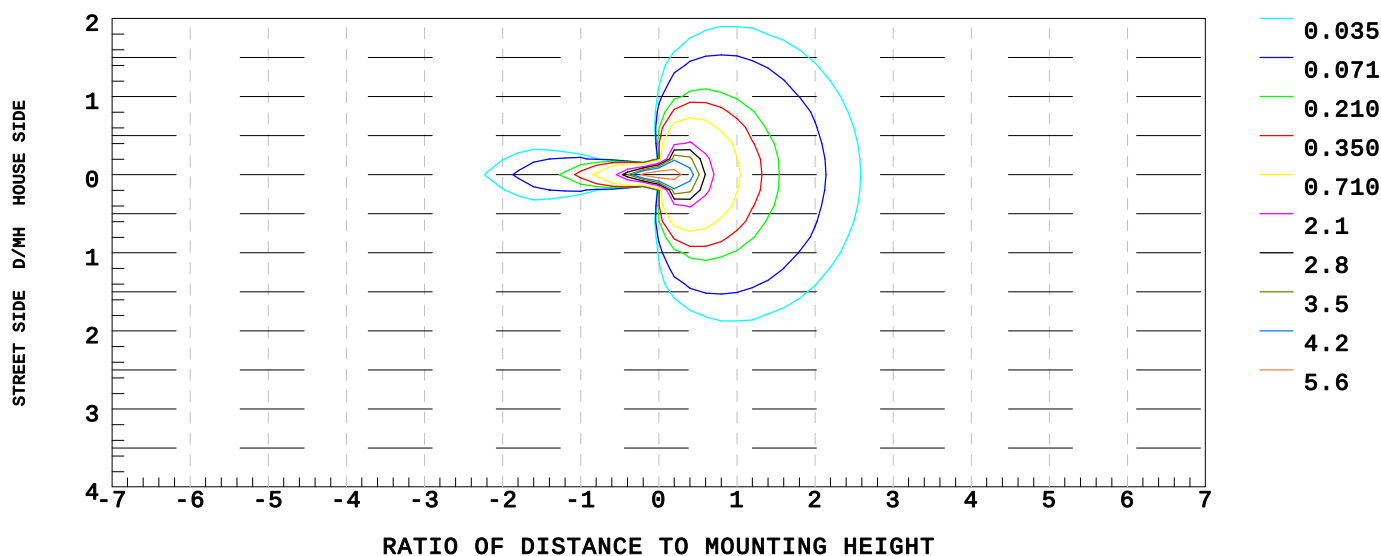
HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: WINDOW LIGHT	TYPE: 5W	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.: LA/YE6L-990706

ILLUMINANCE AT MH=10 m, Enadir = 7.06 lx



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

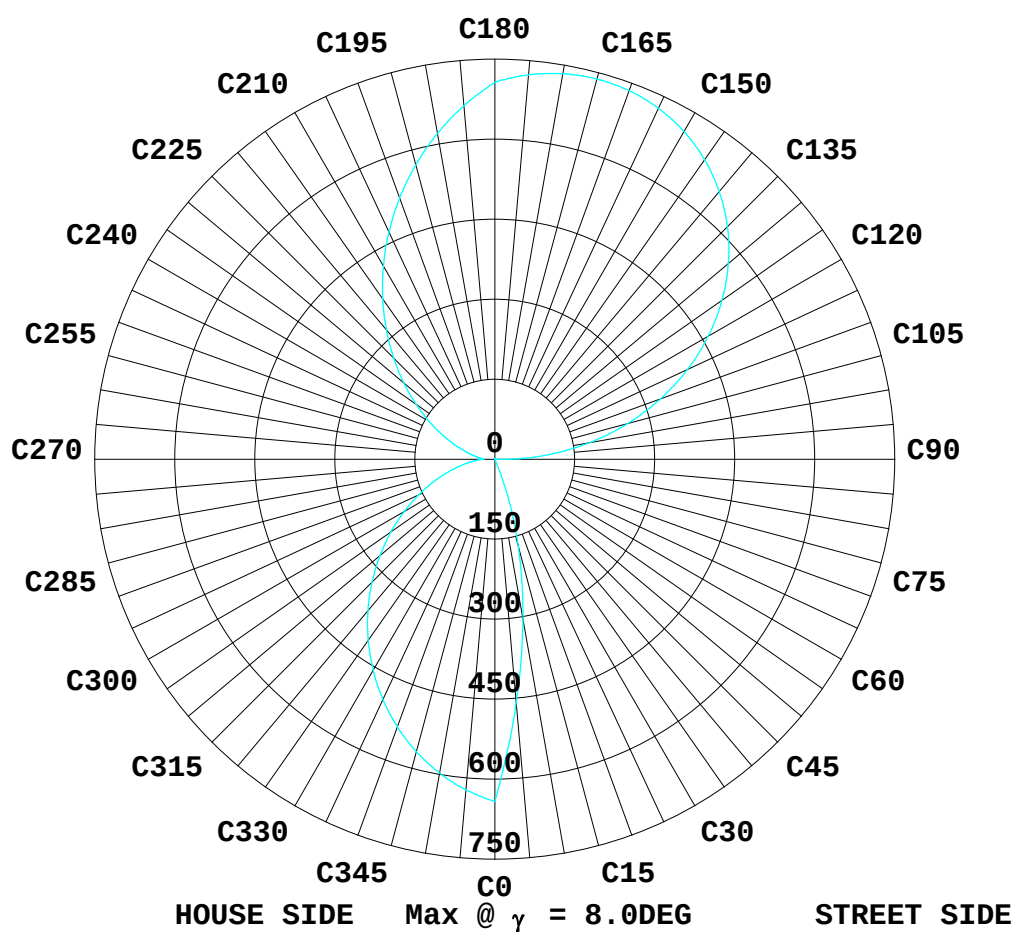
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOP00 GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: WINDOW LIGHT	TYPE: 5W	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.: LA/YE6L-990706



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		
Address:		
NAME: WINDOW LIGHT	TYPE: 5W	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.: LA/YE6L-990706

UNIT: cd

C(DEG) γ (DEG)	0	90	180	270
0.0	706	569	706	569
5.0	671	23.5	693	29.5
10.0	639	19.8	683	21.1
15.0	561	25.4	650	24.9
20.0	451	33.8	602	33.8
25.0	361	37.2	523	37.3
30.0	268	31.9	453	31.9
35.0	212	23.7	370	23.8
40.0	153	16.0	294	17.9
45.0	118	11.8	221	13.1
50.0	92.0	11.0	177	10.6
55.0	80.6	11.3	141	10.7
60.0	72.0	8.30	113	8.72
65.0	55.9	5.51	94.3	7.16
70.0	23.9	4.58	67.8	5.46
75.0	15.8	3.42	39.7	4.37
80.0	4.34	3.15	2.09	3.31
85.0	2.83	2.86	1.51	3.52
90.0	2.28	2.12	1.77	2.49

Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:10-18-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.150 m
Remarks: