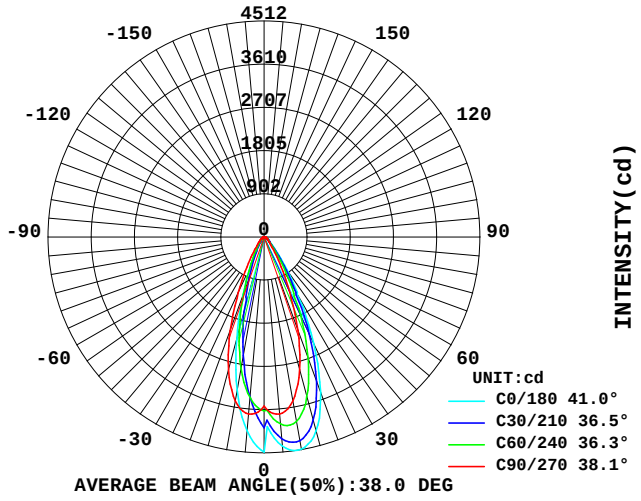
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728

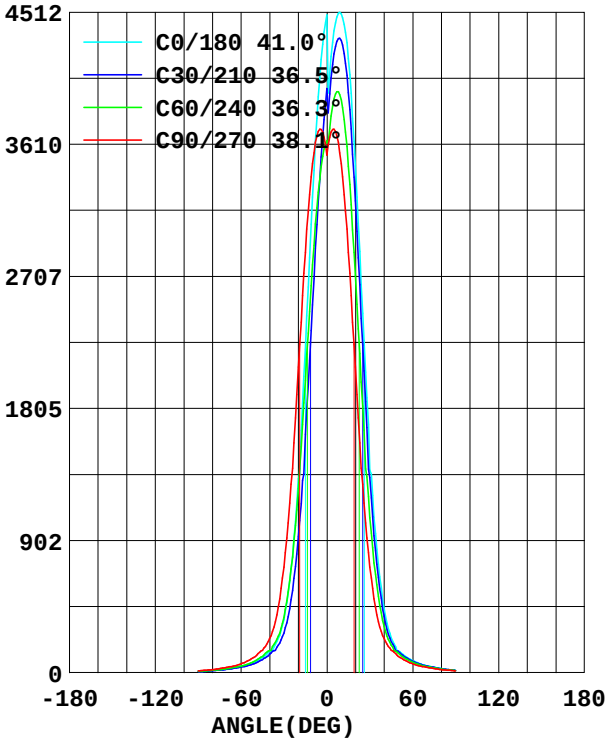
DATA OF LAMP		Imax(cd)	4512	S/MH(C0/180)	0.50
MODEL	HCP1033001-CW	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.68
NOMINAL POWER(W)	24	TOTAL FLUX(lm)	2323.1	Voltage(V)	225.5
RATED VOLTAGE(V)	226	EFFICIENCY(lm/W)	100.0	Current(A)	0.116
NOMINAL FLUX(lm)	2323.1	h up(%)	0.0	Power(W)	23.24
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	0.886
TEST VOLTAGE(V)	225.5	Effictive Flux(lm)	1927.3	EEI	0.164

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(50%):38.0 DEG

LUMINOUS INTENSITY DISTRIBUTION



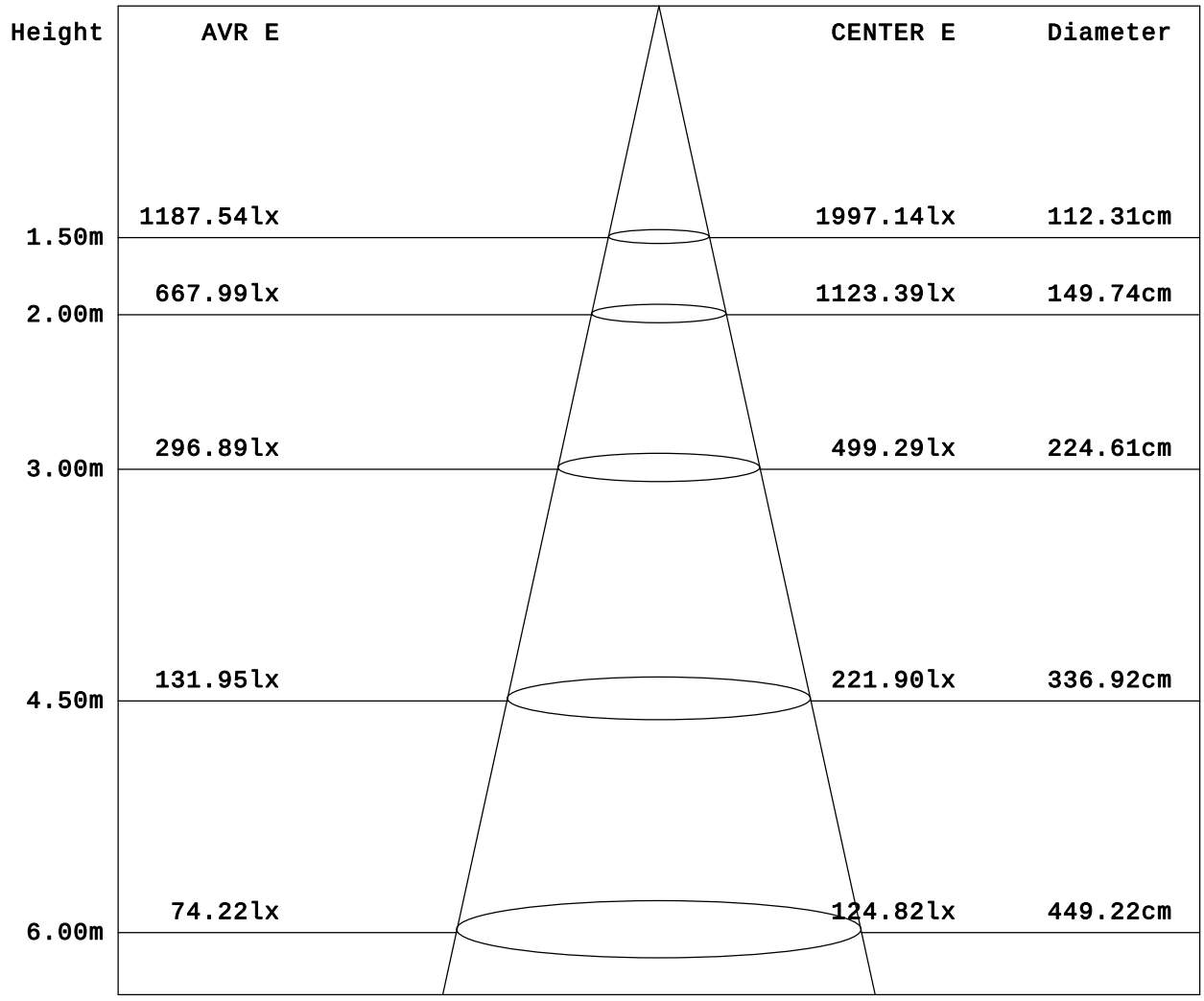
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728



Angle:41.0deg

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	Total
5.0	4065	3210	3713	4057	4384	4057	3713	3210	0- 5	91.24	91.24
10.0	3250	2475	3476	4095	4501	4095	3476	2475	5- 10	261.4	352.7
15.0	2209	1640	2871	3676	4195	3676	2871	1640	10- 15	376.5	729.2
20.0	1324	954.8	2087	2895	3460	2895	2087	954.8	15- 20	405.5	1135
25.0	708.1	528.2	1288	2034	2455	2034	1288	528.2	20- 25	357.2	1492
30.0	363.0	284.0	721.5	1158	1383	1158	721.5	284.0	25- 30	264.7	1757
35.0	212.4	184.1	395.7	630.6	842.6	630.6	395.7	184.1	30- 35	174.4	1931
40.0	144.3	130.2	232.0	329.7	436.8	329.7	232.0	130.2	35- 40	111.1	2042
45.0	103.0	91.13	151.1	191.5	236.5	191.5	151.1	91.13	40- 45	72.31	2115
50.0	75.90	65.79	111.2	130.8	147.2	130.8	111.2	65.79	45- 50	51.22	2166
55.0	56.38	47.80	81.27	94.72	109.8	94.72	81.27	47.80	50- 55	39.26	2205
60.0	42.94	36.73	59.64	69.31	81.15	69.31	59.64	36.73	55- 60	30.68	2236
65.0	34.17	28.99	45.11	52.60	60.86	52.60	45.11	28.99	60- 65	24.28	2260
70.0	25.47	21.44	35.90	40.19	45.82	40.19	35.90	21.44	65- 70	19.29	2280
75.0	19.07	16.64	27.39	31.61	36.09	31.61	27.39	16.64	70- 75	15.40	2295
80.0	14.52	12.73	20.60	23.68	27.45	23.68	20.60	12.73	75- 80	12.11	2307
85.0	9.856	8.704	16.25	17.66	20.22	17.66	16.25	8.704	80- 85	9.149	2316
90.0	7.616	8.063	11.71	13.82	15.23	13.82	11.71	8.063	85- 90	6.959	2323
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:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

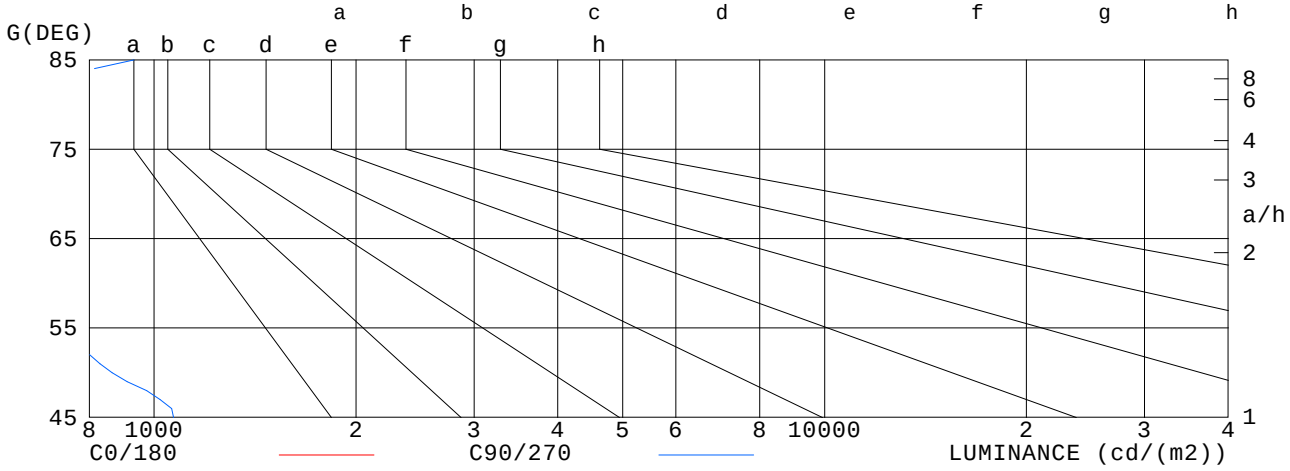
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728

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
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	565	933
80	418	593
75	368	529
70	372	525
65	404	534
60	429	596
55	492	709
50	590	866
45	729	1068

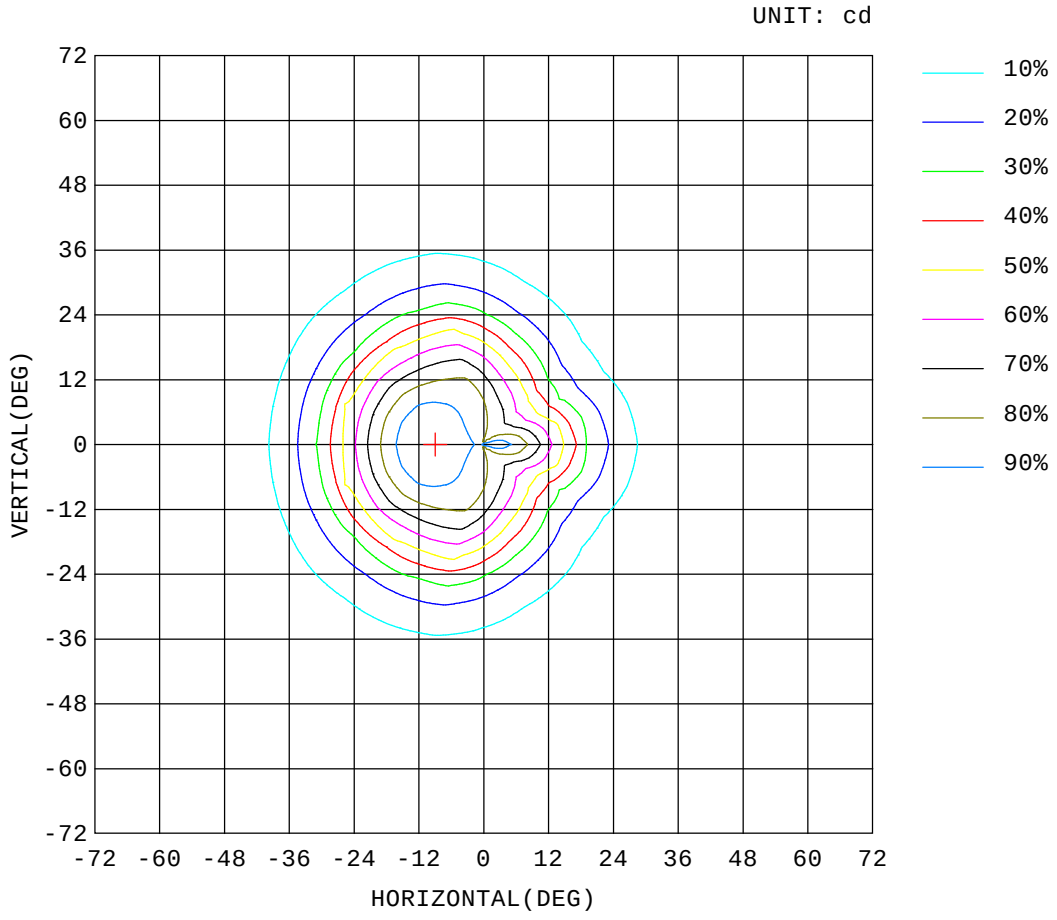
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728



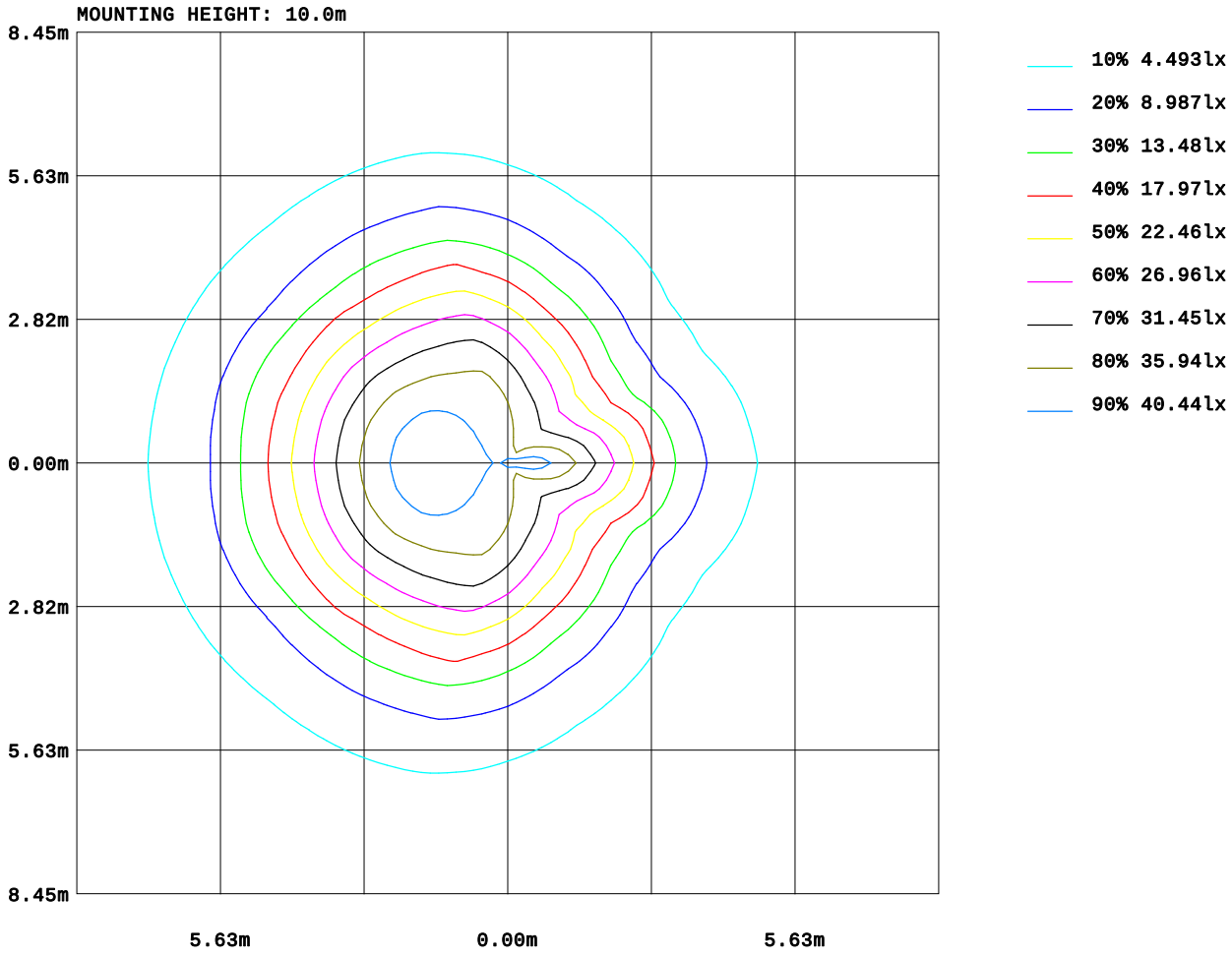
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728

AREA FLUX DIAGRAM — UNIT:lm

VERTICAL(DEG)	-72	-64	-56	-48	-40	-32	-24	-16	16	24	32	40	48	56	64	72	F t	F a
72	0.17	0.27	0.37	0.47	0.58	0.69	0.74	0.77	0.78	0.72	0.61	0.53	0.44	0.33	0.24	0.19	0.13	0.08	8.11	0.00
64	0.20	0.33	0.47	0.61	0.78	0.98	1.11	1.18	1.19	1.09	0.91	0.76	0.62	0.46	0.32	0.24	0.16	0.10	11.5	0.00
56	0.23	0.39	0.60	0.83	1.10	1.45	1.75	1.93	1.97	1.79	1.44	1.15	0.86	0.60	0.44	0.30	0.20	0.12	17.1	0.00
48	0.26	0.46	0.75	1.12	1.57	2.18	2.86	3.50	3.53	3.04	2.37	1.79	1.22	0.80	0.56	0.38	0.24	0.13	26.8	0.00
40	0.29	0.53	0.93	1.51	2.29	3.60	5.69	7.78	7.95	6.08	4.07	2.71	1.73	1.10	0.71	0.46	0.28	0.15	47.8	8.50
32	0.32	0.60	1.11	1.94	3.61	7.19	13.1	19.3	20.7	14.7	8.14	4.24	2.42	1.49	0.91	0.54	0.32	0.17	101	74.4
24	0.34	0.68	1.29	2.57	6.05	14.4	27.6	40.9	45.1	31.9	16.5	6.96	3.39	1.97	1.14	0.64	0.36	0.19	202	181
	0.36	0.75	1.47	3.28	9.22	23.9	47.0	64.6	68.5	51.0	27.0	12.3	5.31	2.58	1.36	0.73	0.39	0.20	320	302
	0.38	0.80	1.58	3.82	11.6	31.3	60.0	80.5	79.1	64.4	44.3	21.2	7.82	3.02	1.52	0.80	0.42	0.21	413	397
	0.38	0.80	1.58	3.82	11.6	31.3	60.0	80.5	79.1	64.4	44.3	21.2	7.82	3.02	1.52	0.80	0.42	0.21	413	397
	0.36	0.75	1.47	3.28	9.22	23.9	47.0	64.6	68.5	51.0	27.0	12.3	5.31	2.58	1.36	0.73	0.39	0.20	320	302
-24	0.34	0.68	1.29	2.57	6.05	14.4	27.6	40.9	45.1	31.9	16.5	6.96	3.39	1.97	1.14	0.64	0.36	0.19	202	181
-32	0.32	0.60	1.11	1.94	3.61	7.19	13.1	19.3	20.7	14.7	8.14	4.24	2.42	1.49	0.91	0.54	0.32	0.17	101	74.4
-40	0.29	0.53	0.93	1.51	2.29	3.60	5.69	7.78	7.95	6.08	4.07	2.71	1.73	1.10	0.71	0.46	0.28	0.15	47.8	8.50
-48	0.26	0.46	0.75	1.12	1.57	2.18	2.86	3.50	3.53	3.04	2.37	1.79	1.22	0.80	0.56	0.38	0.24	0.13	26.8	0.00
-56	0.23	0.39	0.60	0.83	1.10	1.45	1.75	1.93	1.97	1.79	1.44	1.15	0.86	0.60	0.44	0.30	0.20	0.12	17.1	0.00
-64	0.20	0.33	0.47	0.61	0.78	0.98	1.11	1.18	1.19	1.09	0.91	0.76	0.62	0.46	0.32	0.24	0.16	0.10	11.5	0.00
-72	0.17	0.27	0.37	0.47	0.58	0.69	0.74	0.77	0.78	0.72	0.61	0.53	0.44	0.33	0.24	0.19	0.13	0.08	8.11	0.00
HORIZONTAL(DEG)																				
F t	5.08	9.63	17.1	32.3	73.6	172	320	441	458	350	211	103	47.6	24.7	14.4	8.56	5.00	2.68	2323	
F a	0.00	0.00	0.00	0.00	41.4	146	296	418	434	325	184	69.9	10.5	0.00	0.00	0.00	0.00	0.00		1927

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

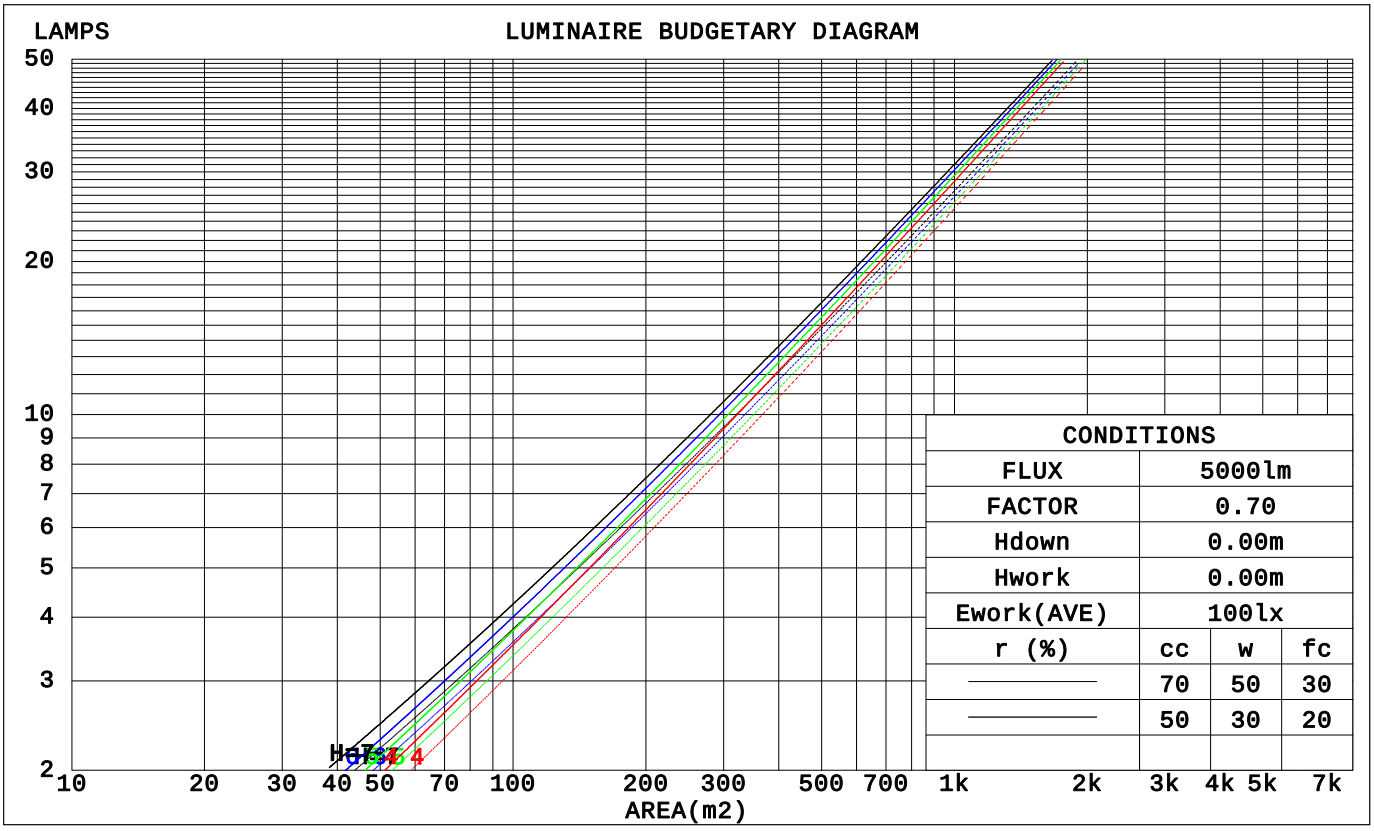
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	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	.00
1.0	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93
2.0	1.03	.98	.95	1.01	.97	.94	.98	.94	.92	.95	.92	.90	.92	.90	.88	.86
3.0	.96	.91	.87	.94	.90	.86	.92	.88	.85	.89	.86	.83	.87	.84	.82	.81
4.0	.90	.84	.80	.89	.84	.80	.87	.82	.79	.85	.81	.78	.83	.80	.77	.75
5.0	.85	.79	.75	.84	.78	.74	.82	.77	.74	.80	.76	.73	.79	.75	.72	.71
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.67
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.65	.73	.68	.65	.72	.68	.65	.63
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.60
9.0	.68	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.58	.65	.61	.58	.57
10.0	.65	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.63	.58	.56	.54



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

WEC AND CCEC

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.188	.107	.034	.181	.103	.033	.168	.096	.031	.157	.090	.029	.146	.085	.027	
2.0	.176	.096	.030	.170	.094	.029	.159	.089	.027	.149	.084	.026	.140	.079	.025	
3.0	.165	.088	.026	.160	.086	.026	.151	.082	.025	.142	.078	.024	.134	.074	.023	
4.0	.155	.080	.024	.151	.079	.023	.143	.076	.023	.135	.073	.022	.129	.070	.021	
5.0	.146	.074	.022	.142	.073	.021	.136	.071	.021	.129	.068	.020	.123	.066	.020	
6.0	.138	.069	.020	.135	.068	.020	.129	.066	.019	.123	.064	.019	.118	.062	.018	
7.0	.131	.065	.018	.128	.064	.018	.123	.062	.018	.118	.061	.018	.113	.059	.017	
8.0	.125	.061	.017	.122	.060	.017	.118	.059	.017	.113	.057	.017	.109	.056	.016	
9.0	.119	.058	.016	.117	.057	.016	.113	.056	.016	.109	.054	.016	.105	.053	.015	
10.0	.114	.054	.015	.112	.054	.015	.108	.053	.015	.104	.052	.015	.101	.051	.015	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	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	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.132	.112	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.089	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.107	.075	.052	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.089	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004	
9.0	.098	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

Uncorrected UGR Table

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728

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	4.0	4.9	4.2	5.1	5.2	5.9	6.8	6.1	7.0	7.2
	3H	4.9	5.8	5.1	6.0	6.2	6.8	7.6	7.0	7.8	8.0
	4H	5.4	6.2	5.6	6.4	6.6	7.3	8.1	7.5	8.3	8.5
	6H	5.9	6.6	6.2	6.9	7.1	7.8	8.6	8.1	8.8	9.1
	8H	6.2	6.9	6.5	7.2	7.4	8.2	8.9	8.5	9.2	9.4
	12H	6.4	7.2	6.8	7.4	7.7	8.6	9.3	8.9	9.5	9.8
4H	2H	4.3	5.1	4.5	5.3	5.5	6.0	6.8	6.2	7.0	7.2
	3H	5.4	6.1	5.7	6.4	6.6	7.0	7.8	7.4	8.0	8.3
	4H	6.0	6.6	6.3	6.9	7.2	7.7	8.3	8.0	8.6	8.9
	6H	6.7	7.2	7.0	7.6	7.9	8.4	9.0	8.8	9.3	9.7
	8H	7.0	7.6	7.4	7.9	8.3	8.9	9.4	9.2	9.7	10.1
	12H	7.4	7.9	7.8	8.3	8.7	9.4	9.9	9.8	10.3	10.7
8H	4H	6.2	6.8	6.6	7.1	7.5	7.8	8.3	8.2	8.7	9.0
	6H	7.1	7.5	7.5	7.9	8.3	8.7	9.1	9.1	9.5	9.9
	8H	7.5	7.9	8.0	8.4	8.8	9.3	9.7	9.7	10.1	10.5
	12H	8.1	8.4	8.5	8.8	9.3	10.0	10.3	10.5	10.8	11.3
12H	4H	6.3	6.8	6.7	7.1	7.5	7.8	8.3	8.2	8.6	9.0
	6H	7.2	7.6	7.6	8.0	8.4	8.7	9.1	9.2	9.5	10.0
	8H	7.7	8.1	8.2	8.5	9.0	9.4	9.7	9.8	10.2	10.6

Variations with the observer position at spacings:		
S = 1.0H	+ 0.5 / - 0.4	+ 0.9 / - 0.6
1.5H	+ 0.7 / - 0.3	+ 1.7 / - 0.8
2.0H	+ 0.8 / - 0.5	+ 1.4 / - 0.9

CIE Pub.117 Corrected 2323 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.9)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728

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) x RCR = 5									
k = 0.60	84	77	73	84	77	73	83	77	73	69
0.80	92	85	81	91	85	81	90	84	81	77
1.00	97	90	86	96	90	86	94	90	85	81
1.25	101	95	91	100	94	91	98	93	90	85
1.50	104	98	95	103	98	94	100	96	93	88
2.00	107	102	99	105	101	98	103	99	96	91
2.50	109	104	101	107	103	100	104	101	98	92
3.00	111	107	104	109	105	103	105	103	100	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	109	112	110	108	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004	Suspended								SHRNOM = 1.25	

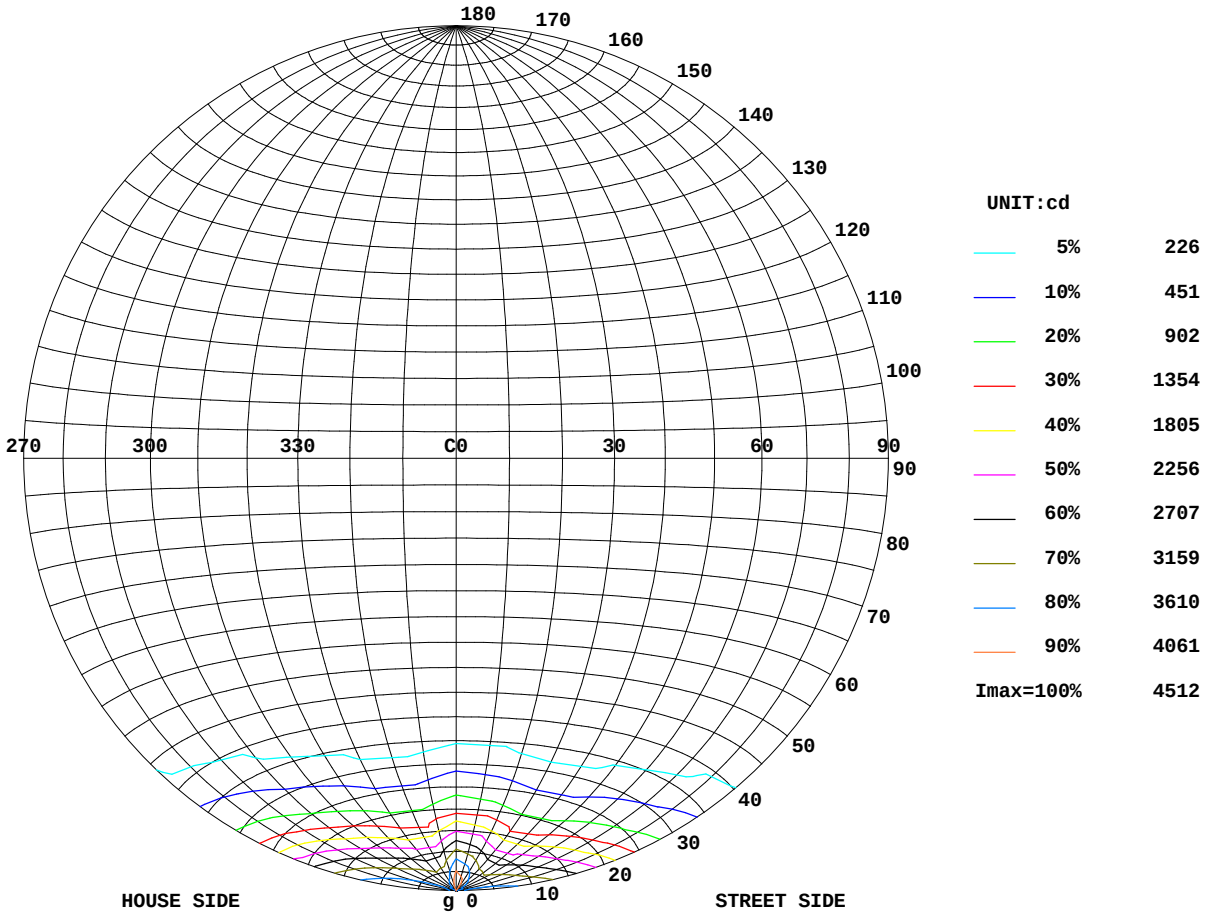
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728



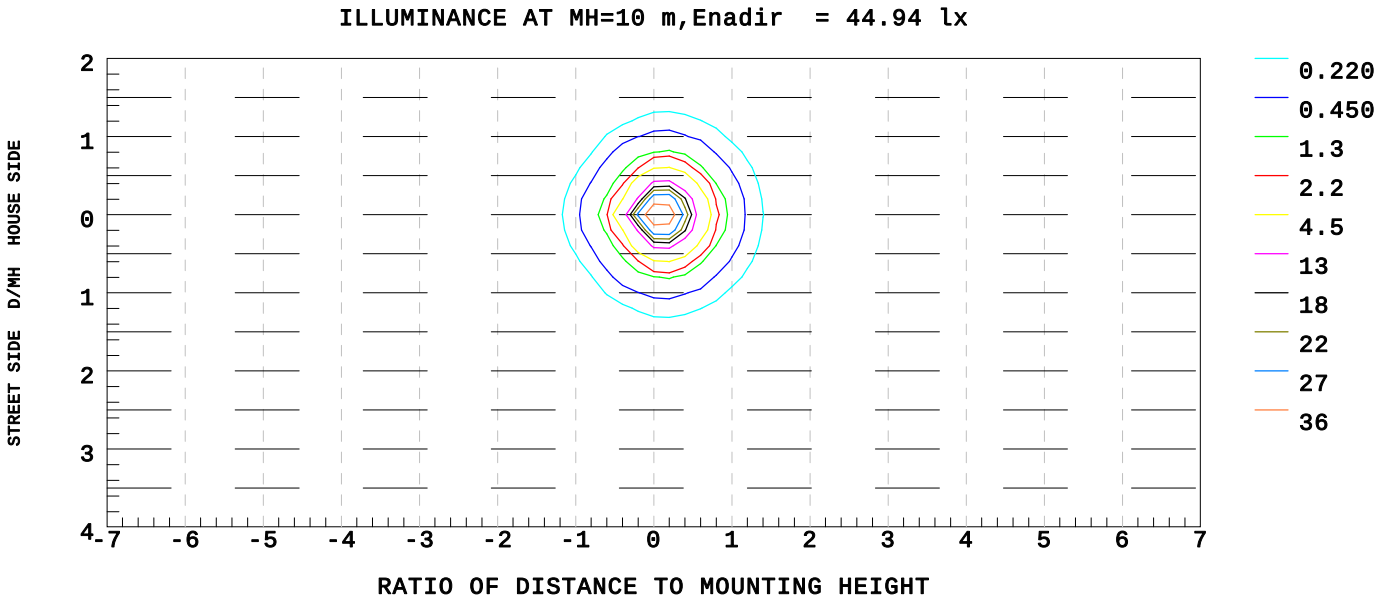
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

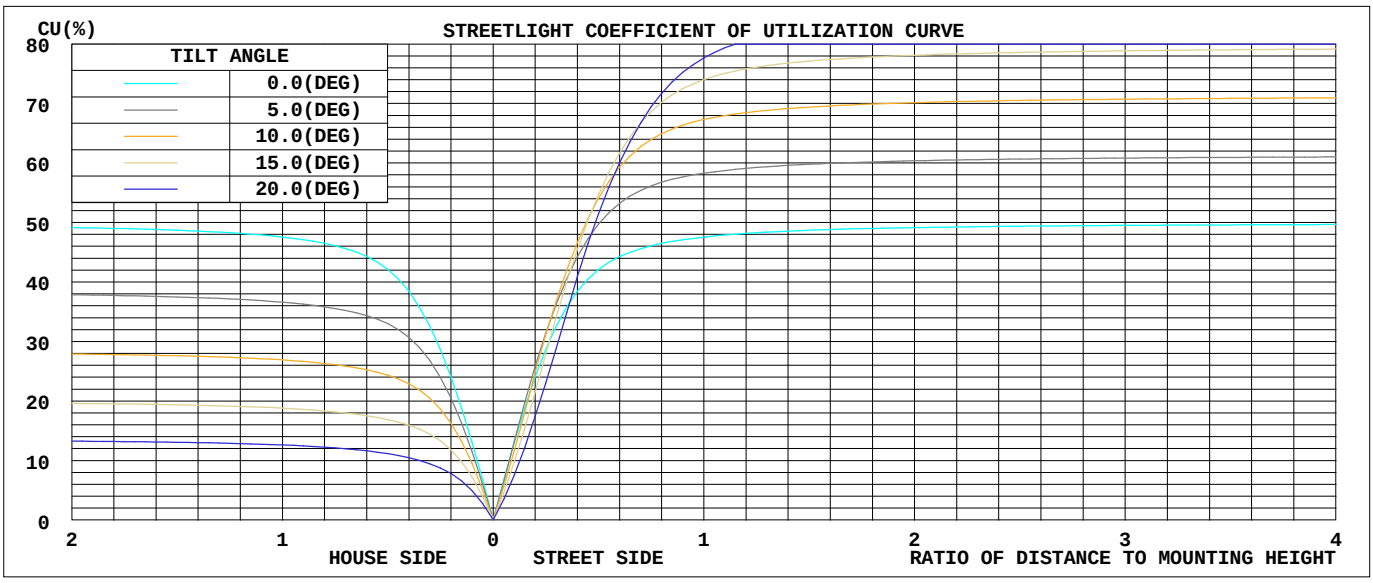
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728





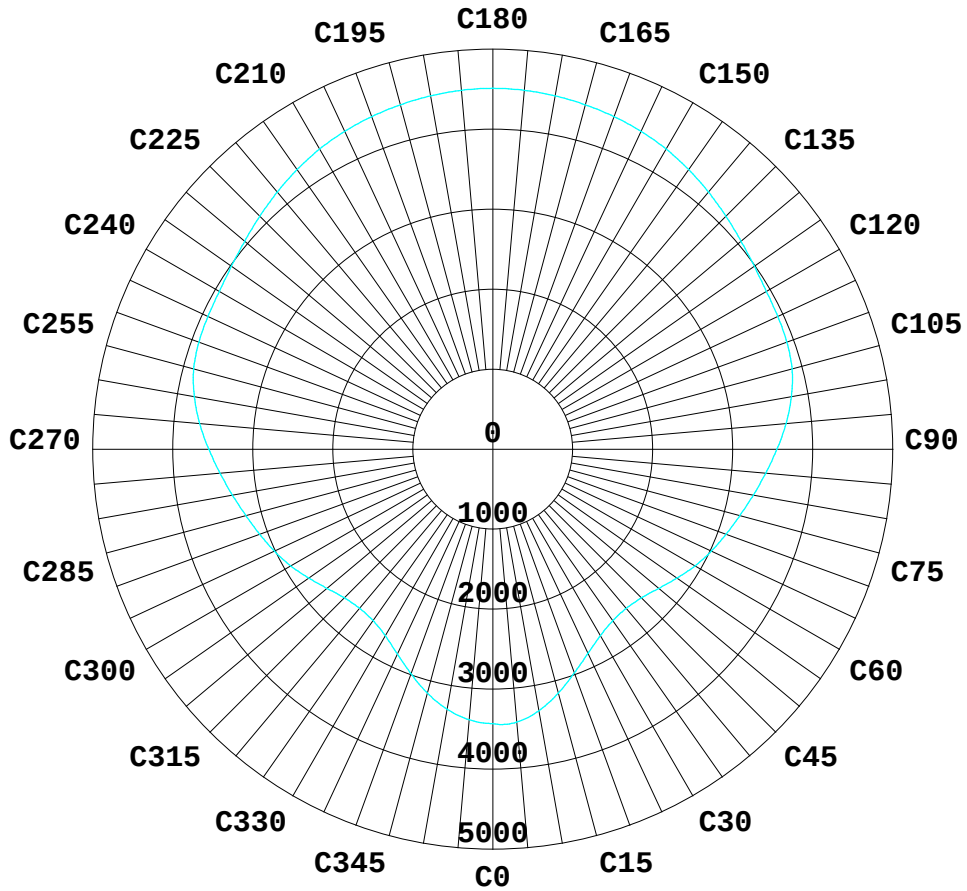
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-CW	TYPE:HCP1033001-CW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-CW	DIMENSION:	SERIAL No.:20220728



HOUSE SIDE Max @ g = 9.0DEG STREET SIDE

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	**Address:**	
NAME: HCP1033001-CW	**TYPE:HCP1033001-CW**	**WEIGHT:0.5KG**
SPECIFICATION:HCP1033001-CW	**DIMENSION:**	**SERIAL No.:20220728**

UNIT: cd

C(DEG) / g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	4494	4068	3991	3672	3635	3555	3536	3523	3518	3570	3683	3756	3809	3756	3683
5.0	4065	3818	3372	3210	3373	3516	3713	3896	3918	4057	4228	4335	4384	4335	4228
10.0	3250	2988	2512	2475	2786	3093	3476	3828	3913	4095	4319	4449	4501	4449	4319
15.0	2209	2062	1628	1640	1997	2373	2871	3333	3459	3676	3963	4136	4195	4136	3963
20.0	1324	1154	930	955	1258	1567	2087	2531	2716	2895	3222	3367	3460	3367	3222
25.0	708	631	497	528	709	924	1288	1674	1821	2034	2238	2398	2455	2398	2238
30.0	363	328	270	284	377	506	722	963	1058	1158	1333	1448	1383	1448	1333
35.0	212	222	173	184	228	275	396	527	600	631	741	808	843	808	741
40.0	144	136	125	130	151	181	232	291	316	330	383	410	437	410	383
45.0	103	96.3	89.5	91.1	111	129	151	176	188	192	211	229	237	229	211
50.0	75.9	70.2	65.5	65.7	81.4	90.7	111	125	133	131	145	145	147	145	145
55.0	56.3	51.6	48.1	47.8	59.0	64.9	81.2	88.3	96.0	94.7	104	103	110	103	104
60.0	42.9	39.2	37.6	36.7	43.6	47.4	59.6	64.1	70.3	69.3	77.0	75.9	81.1	75.9	77.0
65.0	34.1	31.0	29.3	28.9	35.1	36.8	45.1	48.3	53.5	52.6	58.5	57.0	60.8	57.0	58.5
70.0	25.4	22.9	22.0	21.4	26.7	28.6	35.9	37.5	41.2	40.1	44.5	43.0	45.8	43.0	44.5
75.0	19.0	17.1	17.0	16.6	20.2	21.4	27.3	29.1	32.5	31.6	35.2	33.7	36.0	33.7	35.2
80.0	14.5	12.9	12.7	12.7	16.2	16.7	20.6	21.6	24.5	23.6	26.6	25.5	27.4	25.5	26.6
85.0	9.85	8.57	8.63	8.70	12.0	12.7	16.2	16.5	18.5	17.6	19.7	18.6	20.2	18.6	19.7
90.0	7.61	6.97	8.38	8.06	8.83	8.96	11.7	12.6	13.8	13.8	14.9	14.5	15.2	14.5	14.9

Test System:HOPOO HPG1800 **Test Set: 8.0deg/s C-Gamma (TYPE C)**
Temperature:25.3DEG **Humidity:65.0%**
Operators: **Test Distance:8.000 m**
Test Date:2022年08月10日 **Remarks:**

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	**Address:**	
NAME: HCP1033001-CW	**TYPE:HCP1033001-CW**	**WEIGHT:0.5KG**
SPECIFICATION:HCP1033001-CW	**DIMENSION:**	**SERIAL No.:20220728**

UNIT: cd

C(DEG) / g (DEG)	225	240	255	270	285	300	315	330	345
0.0	3570	3518	3523	3536	3555	3635	3672	3991	4068
5.0	4057	3918	3896	3713	3516	3373	3210	3372	3818
10.0	4095	3913	3828	3476	3093	2786	2475	2512	2988
15.0	3676	3459	3333	2871	2373	1997	1640	1628	2062
20.0	2895	2716	2531	2087	1567	1258	955	930	1154
25.0	2034	1821	1674	1288	924	709	528	497	631
30.0	1158	1058	963	722	506	377	284	270	328
35.0	631	600	527	396	275	228	184	173	222
40.0	330	316	291	232	181	151	130	125	136
45.0	192	188	176	151	129	111	91.1	89.5	96.3
50.0	131	133	125	111	90.7	81.4	65.7	65.5	70.2
55.0	94.7	96.0	88.3	81.2	64.9	59.0	47.8	48.1	51.6
60.0	69.3	70.3	64.1	59.6	47.4	43.6	36.7	37.6	39.2
65.0	52.6	53.5	48.3	45.1	36.8	35.1	28.9	29.3	31.0
70.0	40.1	41.2	37.5	35.9	28.6	26.7	21.4	22.0	22.9
75.0	31.6	32.5	29.1	27.3	21.4	20.2	16.6	17.0	17.1
80.0	23.6	24.5	21.6	20.6	16.7	16.2	12.7	12.7	12.9
85.0	17.6	18.5	16.5	16.2	12.7	12.0	8.70	8.63	8.57
90.0	13.8	13.8	12.6	11.7	8.96	8.83	8.06	8.38	6.97

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: