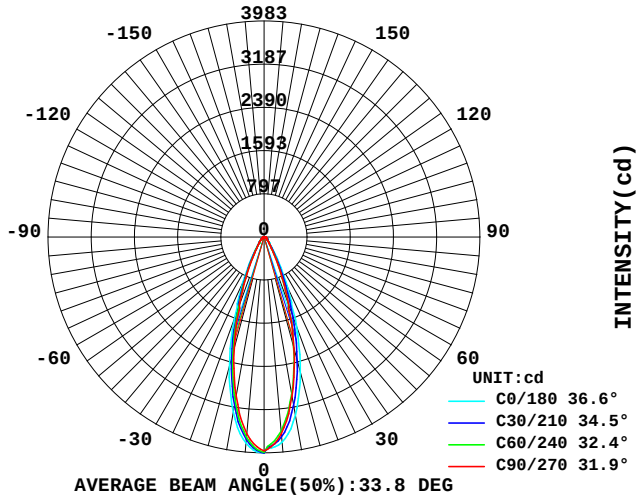
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

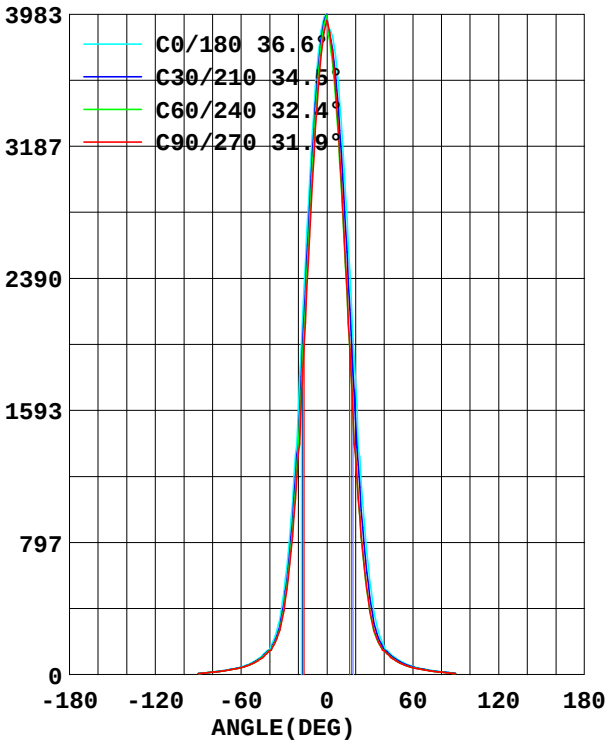
DATA OF LAMP		Imax(cd)	3983	S/MH(C0/180)	0.59
MODEL	HCP1033001-WW	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.53
NOMINAL POWER(W)	24	TOTAL FLUX(lm)	1681.3	Voltage(V)	225.5
RATED VOLTAGE(V)	226	EFFICIENCY(lm/W)	73.8	Current(A)	0.114
NOMINAL FLUX(lm)	1681.3	h up(%)	0.0	Power(W)	22.77
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	0.884
TEST VOLTAGE(V)	225.5	Effictive Flux(lm)	1341.8	EEI	0.231

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(50%):33.8 DEG

LUMINOUS INTENSITY DISTRIBUTION



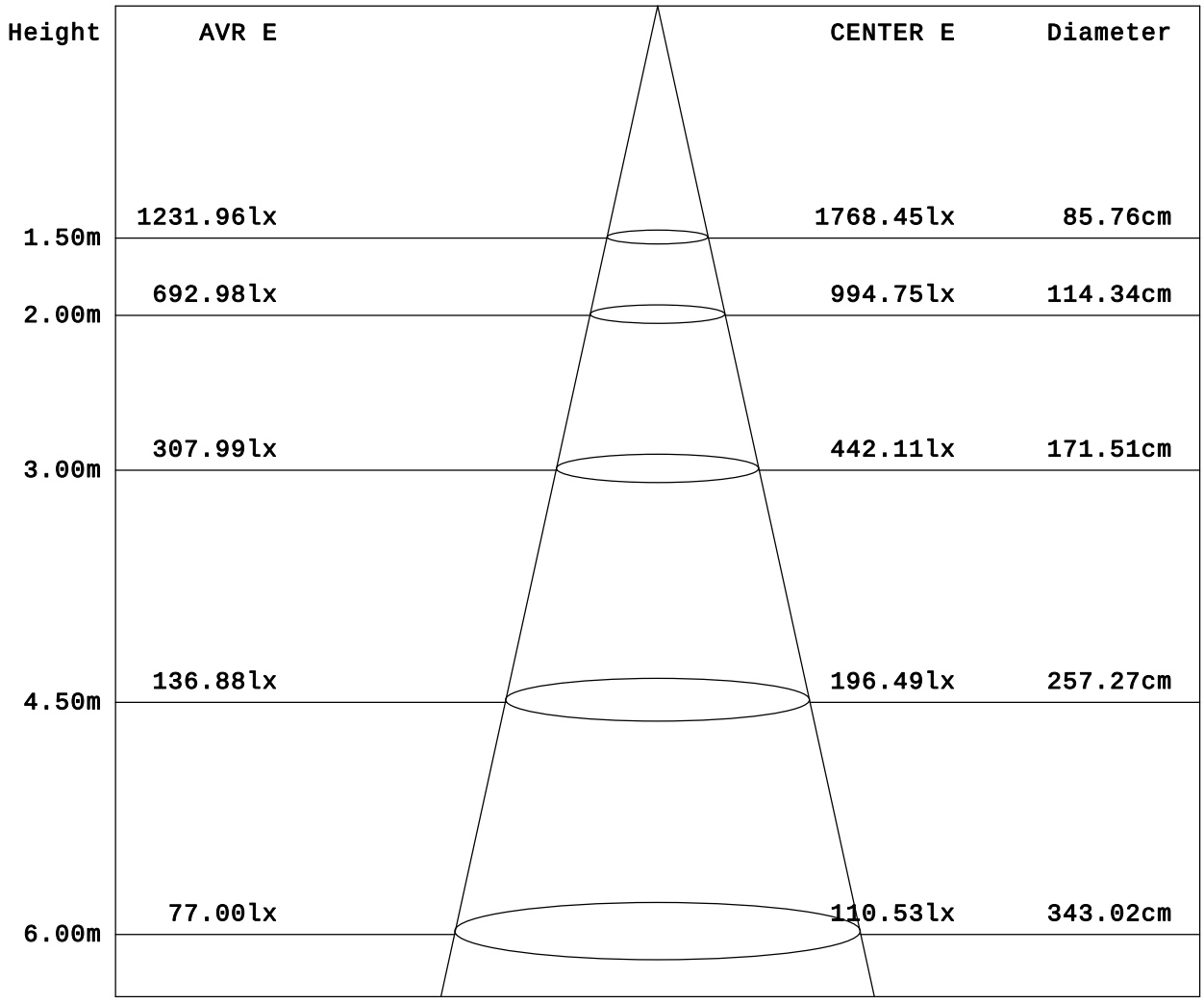
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

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-WW	TYPE:HCP1033001-WW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-WW	DIMENSION:	SERIAL No.:20220728



Angle:31.9deg

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-WW	TYPE:HCP1033001-WW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-WW	DIMENSION:	SERIAL No.:20220728

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	Total
5.0	3818	3717	3652	3631	3797	3631	3652	3717	0- 5	91.04	91.04
10.0	3280	3097	2983	3035	3333	3035	2983	3097	5- 10	241.9	332.9
15.0	2479	2236	2123	2216	2580	2216	2123	2236	10- 15	315.3	648.2
20.0	1595	1394	1340	1404	1777	1404	1340	1394	15- 20	301.4	949.6
25.0	937.1	777.9	744.5	783.8	1038	783.8	744.5	777.9	20- 25	229.2	1179
30.0	499.6	399.8	384.3	403.3	563.2	403.3	384.3	399.8	25- 30	151.0	1330
35.0	267.5	224.9	219.5	227.0	297.7	227.0	219.5	224.9	30- 35	91.59	1422
40.0	149.5	142.8	144.1	144.0	171.0	144.0	144.1	142.8	35- 40	61.51	1483
45.0	116.7	98.75	101.5	101.3	119.4	101.3	101.5	98.75	40- 45	46.40	1529
50.0	84.41	72.38	75.13	74.68	88.57	74.68	75.13	72.38	45- 50	36.30	1566
55.0	61.37	52.41	55.29	54.39	64.89	54.39	55.29	52.41	50- 55	28.44	1594
60.0	45.43	38.78	41.85	40.51	48.63	40.51	41.85	38.78	55- 60	22.43	1617
65.0	36.16	31.10	33.59	32.44	38.14	32.44	33.59	31.10	60- 65	18.19	1635
70.0	27.96	23.42	25.53	24.64	29.82	24.64	25.53	23.42	65- 70	14.87	1650
75.0	20.92	17.34	19.00	18.04	22.33	18.04	19.00	17.34	70- 75	11.55	1661
80.0	16.12	13.37	14.71	14.01	17.15	14.01	14.71	13.37	75- 80	8.942	1670
85.0	11.45	8.960	9.983	9.599	12.73	9.599	9.983	8.960	80- 85	6.695	1677
90.0	6.976	6.144	6.976	6.464	7.872	6.464	6.976	6.144	85- 90	4.415	1681
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:

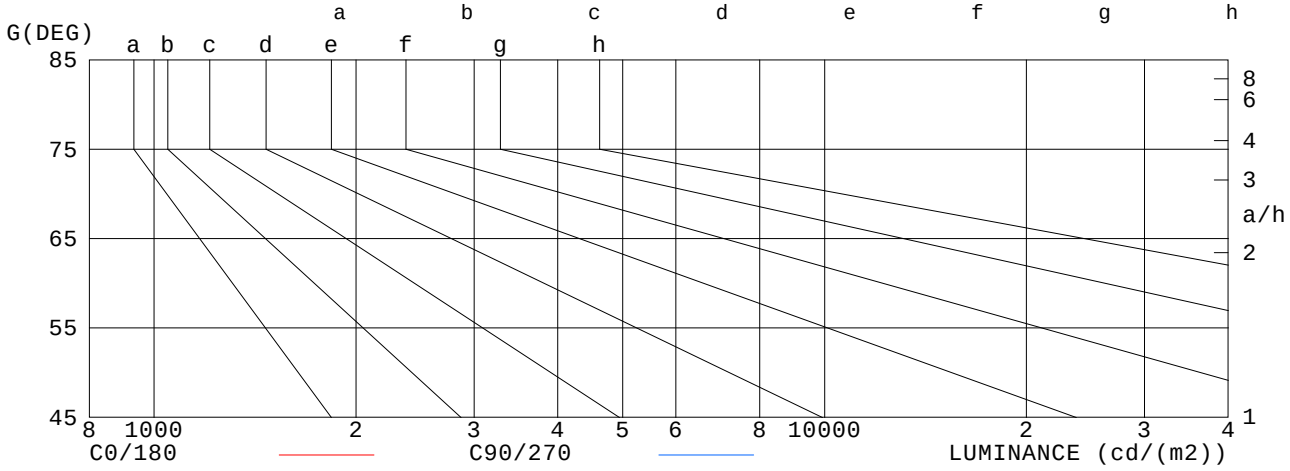
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	**Address:**	
NAME: HCP1033001-WW	**TYPE:HCP1033001-WW**	**WEIGHT:0.5KG**
SPECIFICATION:HCP1033001-WW	**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	657	573
80	464	424
75	404	367
70	409	373
65	428	398
60	454	419
55	535	482
50	657	584
45	825	718

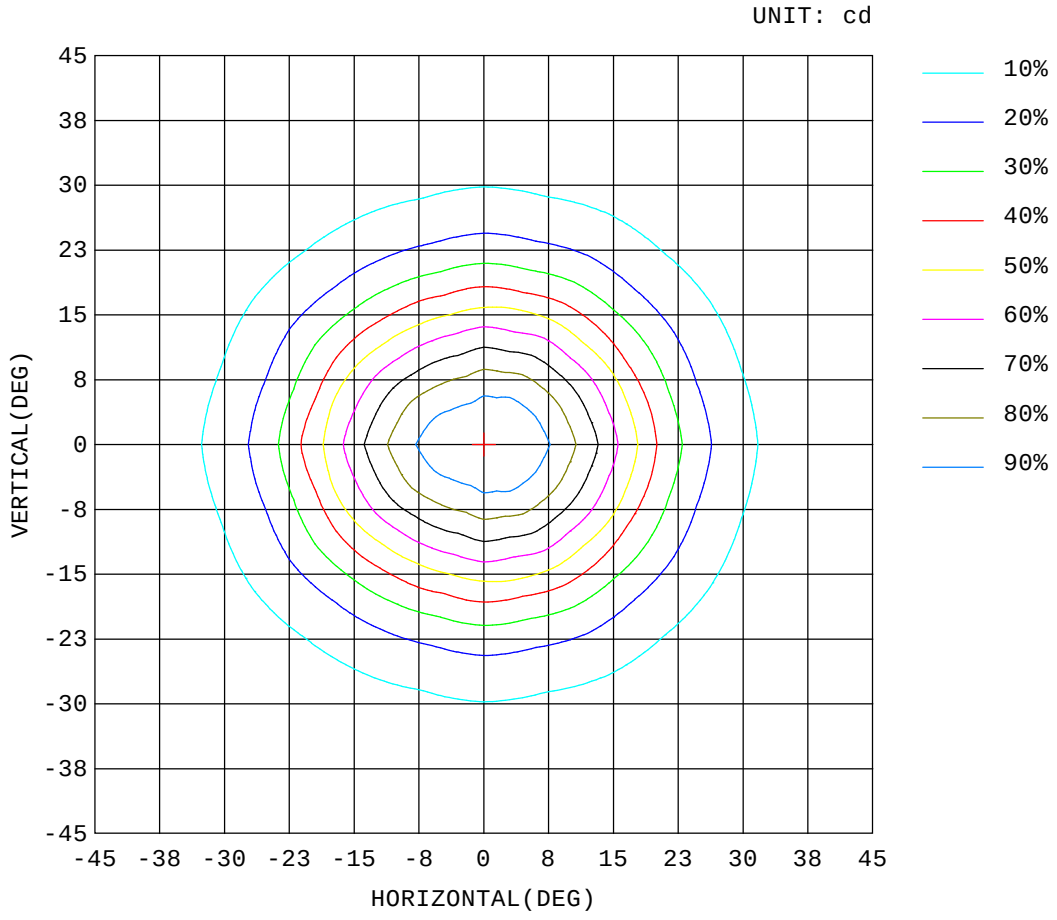
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

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-WW	TYPE:HCP1033001-WW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-WW	DIMENSION:	SERIAL No.:20220728



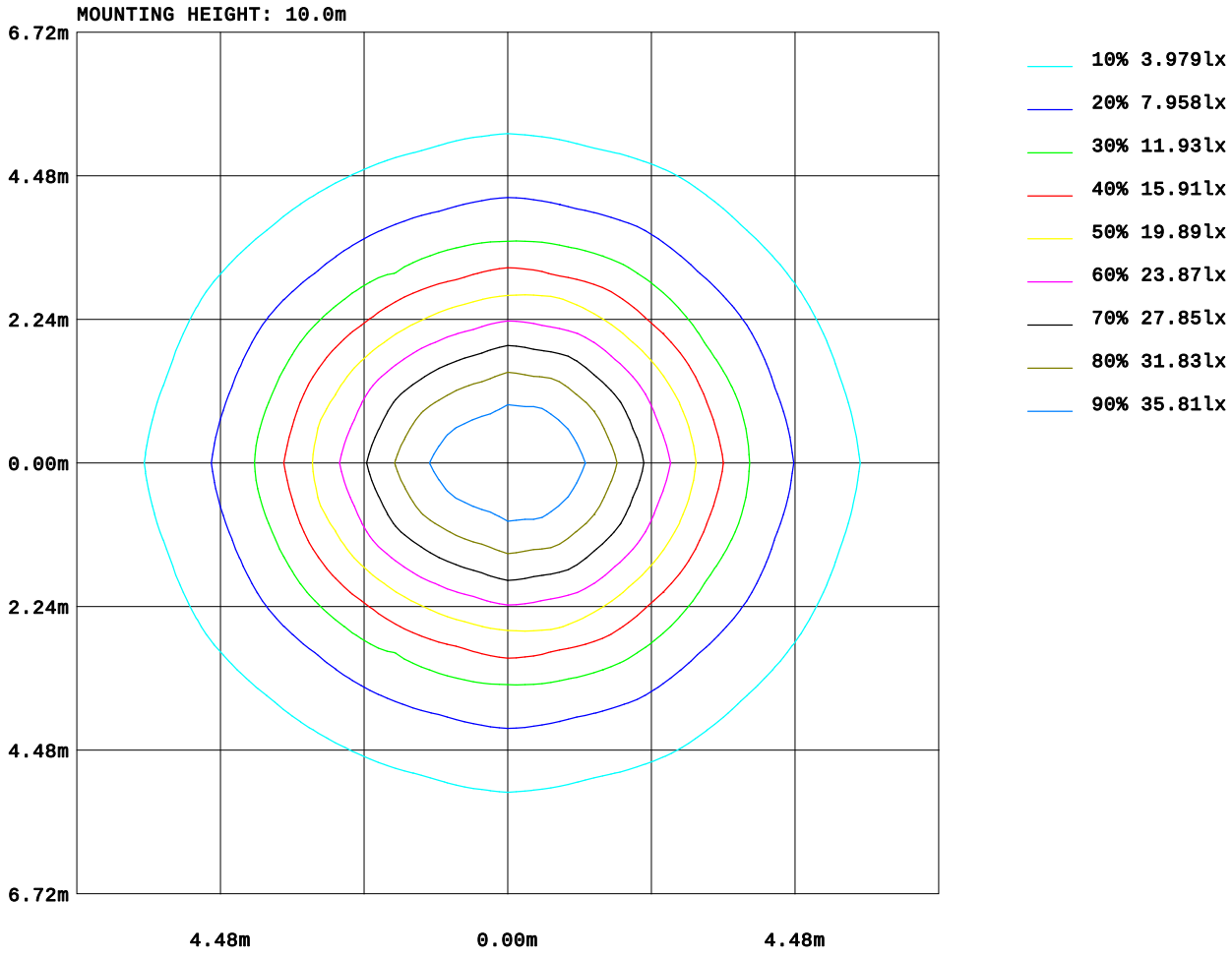
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

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-WW	TYPE:HCP1033001-WW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-WW	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-WW	TYPE:HCP1033001-WW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-WW	DIMENSION:	SERIAL No.:20220728

AREA FLUX DIAGRAM — UNIT:lm

VERTICAL(DEG)	-45	-40	-35	-30	-25	-20	-15	-10	10	15	20	25	30	35	40	45	F t	F a
45	0.29	0.36	0.44	0.54	0.64	0.73	0.78	0.85	0.92	0.92	0.86	0.79	0.73	0.64	0.53	0.42	0.34	0.28	11.0	0.00
40	0.35	0.44	0.55	0.69	0.84	0.98	1.09	1.19	1.30	1.30	1.21	1.10	1.00	0.86	0.68	0.54	0.43	0.33	14.9	0.00
35	0.42	0.55	0.70	0.88	1.11	1.37	1.65	1.92	2.15	2.15	1.94	1.70	1.41	1.11	0.88	0.68	0.53	0.40	21.6	0.00
30	0.49	0.67	0.88	1.17	1.59	2.14	2.85	3.47	4.03	4.07	3.56	2.99	2.22	1.59	1.14	0.86	0.65	0.47	34.8	16.3
25	0.55	0.78	1.10	1.63	2.44	3.71	5.14	6.40	7.40	7.49	6.62	5.40	3.77	2.39	1.57	1.04	0.76	0.53	58.7	46.6
20	0.61	0.89	1.41	2.36	4.00	6.15	8.70	10.9	12.4	12.7	11.3	8.93	6.07	3.80	2.21	1.33	0.86	0.59	95.4	86.0
15	0.67	1.04	1.75	3.29	5.90	9.46	13.3	16.6	18.7	19.1	17.2	13.3	9.02	5.50	3.02	1.64	0.99	0.65	141	133
	0.73	1.19	2.15	4.21	7.70	12.7	17.9	22.0	24.4	25.0	22.5	17.6	11.9	7.11	3.81	1.95	1.13	0.71	185	178
	0.78	1.32	2.54	5.03	9.17	15.1	21.0	26.0	28.3	28.9	26.0	20.5	14.2	8.37	4.51	2.26	1.21	0.76	216	210
	0.78	1.32	2.54	5.03	9.17	15.1	21.0	26.0	28.3	28.9	26.0	20.5	14.2	8.37	4.51	2.26	1.21	0.76	216	210
	0.73	1.19	2.15	4.21	7.70	12.7	17.9	22.0	24.4	25.0	22.5	17.6	11.9	7.11	3.81	1.95	1.13	0.71	185	178
-15	0.67	1.04	1.75	3.29	5.90	9.46	13.3	16.6	18.7	19.1	17.2	13.3	9.02	5.50	3.02	1.64	0.99	0.65	141	133
-20	0.61	0.89	1.41	2.36	4.00	6.15	8.70	10.9	12.4	12.7	11.3	8.93	6.07	3.80	2.21	1.33	0.86	0.59	95.4	86.0
-25	0.55	0.78	1.10	1.63	2.44	3.71	5.14	6.40	7.40	7.49	6.62	5.40	3.77	2.39	1.57	1.04	0.76	0.53	58.7	46.6
-30	0.49	0.67	0.88	1.17	1.59	2.14	2.85	3.47	4.03	4.07	3.56	2.99	2.22	1.59	1.14	0.86	0.65	0.47	34.8	16.3
-35	0.42	0.55	0.70	0.88	1.11	1.37	1.65	1.92	2.15	2.15	1.94	1.70	1.41	1.11	0.88	0.68	0.53	0.40	21.6	0.00
-40	0.35	0.44	0.55	0.69	0.84	0.98	1.09	1.19	1.30	1.30	1.21	1.10	1.00	0.86	0.68	0.54	0.43	0.33	14.9	0.00
-45	0.29	0.36	0.44	0.54	0.64	0.73	0.78	0.85	0.92	0.92	0.86	0.79	0.73	0.64	0.53	0.42	0.34	0.28	11.0	0.00
F t	9.78	14.5	23.0	39.6	66.8	105	145	179	200	204	183	145	101	62.8	36.7	21.5	13.8	9.42	1681	
F a	0.00	0.00	3.80	25.5	54.8	94.0	135	169	191	195	173	135	89.7	50.6	21.6	2.01	0.00	0.00		1342

HORIZONTAL(DEG)

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

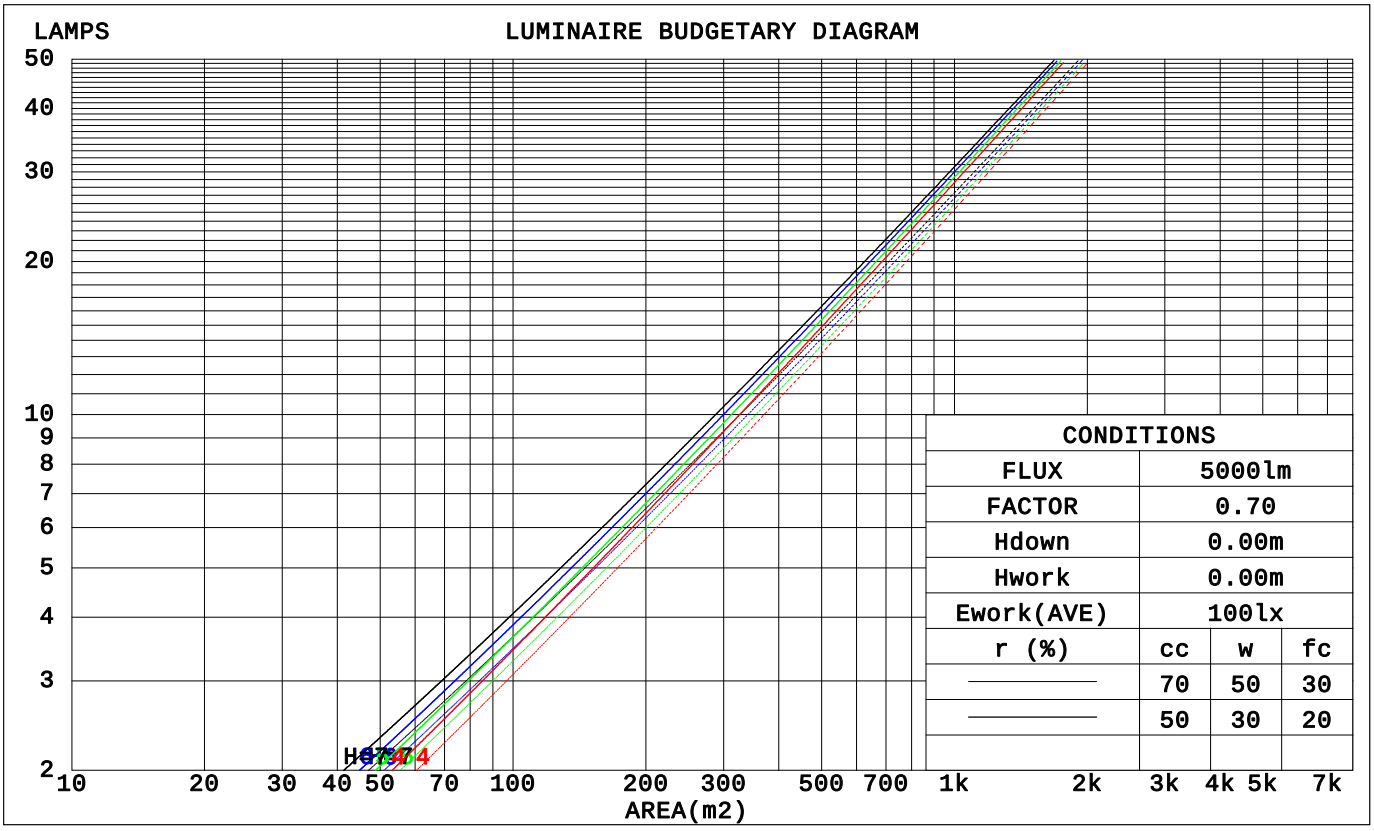
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: HCP1033001-WW	TYPE:HCP1033001-WW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-WW	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	1.00
1.0	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.02	.98	.95	.98	.95	.93	.95	.93	.91	.93	.91	.89	.87
3.0	.97	.92	.88	.96	.91	.88	.93	.89	.86	.91	.87	.85	.88	.86	.84	.82
4.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.77
5.0	.86	.81	.77	.86	.80	.77	.84	.79	.76	.82	.78	.75	.81	.77	.75	.73
6.0	.82	.77	.73	.81	.76	.72	.80	.75	.72	.79	.75	.71	.77	.74	.71	.70
7.0	.78	.73	.69	.78	.72	.69	.76	.72	.68	.75	.71	.68	.74	.70	.68	.66
8.0	.75	.69	.66	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.63
9.0	.71	.66	.63	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.65	.62	.61
10.0	.69	.63	.60	.68	.63	.60	.67	.63	.60	.67	.62	.59	.66	.62	.59	.58



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-WW	TYPE:HCP1033001-WW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-WW	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	.181	.103	.033	.174	.099	.032	.162	.093	.030	.150	.087	.028	.139	.081	.026	
2.0	.169	.092	.028	.163	.090	.028	.152	.085	.026	.143	.080	.025	.134	.076	.024	
3.0	.157	.084	.025	.153	.082	.025	.144	.078	.024	.135	.074	.023	.128	.071	.022	
4.0	.148	.077	.023	.143	.075	.022	.136	.072	.021	.129	.069	.021	.122	.066	.020	
5.0	.139	.071	.020	.135	.069	.020	.129	.067	.020	.122	.065	.019	.117	.062	.019	
6.0	.131	.066	.019	.128	.065	.019	.122	.063	.018	.117	.061	.018	.112	.059	.017	
7.0	.124	.061	.017	.121	.060	.017	.116	.059	.017	.111	.057	.017	.107	.056	.016	
8.0	.118	.058	.016	.116	.057	.016	.111	.055	.016	.107	.054	.016	.103	.053	.015	
9.0	.112	.054	.015	.110	.054	.015	.106	.052	.015	.102	.051	.015	.099	.050	.014	
10.0	.107	.051	.014	.105	.051	.014	.102	.050	.014	.098	.049	.014	.095	.048	.014	

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	.171	.157	.145	.147	.135	.124	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.122	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.132	.099	.073	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.114	.077	.051	.098	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.107	.070	.043	.092	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.101	.063	.037	.087	.055	.033	.060	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.096	.058	.032	.082	.050	.028	.057	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.091	.053	.029	.078	.046	.025	.054	.033	.018	.032	.019	.011	.010	.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-WW	TYPE:HCP1033001-WW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-WW	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	6.0	6.9	6.3	7.1	7.3	5.5	6.4	5.7	6.6	6.7
	3H	6.9	7.7	7.1	7.9	8.1	6.4	7.2	6.6	7.4	7.6
	4H	7.3	8.1	7.6	8.3	8.5	6.8	7.6	7.1	7.8	8.0
	6H	7.8	8.5	8.1	8.8	9.0	7.3	8.0	7.6	8.2	8.5
	8H	8.1	8.8	8.4	9.0	9.3	7.5	8.2	7.8	8.5	8.8
	12H	8.4	9.0	8.7	9.3	9.6	7.8	8.5	8.1	8.8	9.0
4H	2H	6.3	7.1	6.6	7.3	7.5	5.8	6.6	6.1	6.8	7.1
	3H	7.3	8.0	7.6	8.3	8.6	6.9	7.6	7.2	7.9	8.1
	4H	7.9	8.5	8.2	8.8	9.1	7.5	8.1	7.8	8.4	8.7
	6H	8.5	9.1	8.9	9.4	9.8	8.1	8.7	8.5	9.0	9.3
	8H	8.9	9.4	9.3	9.8	10.1	8.5	9.0	8.8	9.3	9.7
	12H	9.3	9.8	9.7	10.1	10.5	8.8	9.3	9.2	9.7	10.0
8H	4H	8.1	8.6	8.5	9.0	9.3	7.7	8.2	8.1	8.6	8.9
	6H	8.9	9.4	9.4	9.7	10.2	8.6	9.0	9.0	9.4	9.8
	8H	9.4	9.8	9.9	10.2	10.7	9.0	9.4	9.5	9.8	10.3
	12H	10.0	10.3	10.4	10.7	11.2	9.5	9.8	10.0	10.3	10.8
12H	4H	8.1	8.6	8.5	8.9	9.3	7.7	8.2	8.1	8.6	9.0
	6H	9.0	9.4	9.5	9.8	10.2	8.6	9.0	9.1	9.4	9.9
	8H	9.6	9.9	10.0	10.3	10.8	9.2	9.5	9.7	10.0	10.4

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

CIE Pub.117 Corrected 1681 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.8)

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-WW	TYPE:HCP1033001-WW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-WW	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	86	81
1.25	101	95	91	100	95	91	98	93	90	86
1.50	104	99	95	103	98	94	100	96	93	88
2.00	107	102	99	105	101	98	103	99	96	91
2.50	109	105	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	110	112	110	108	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

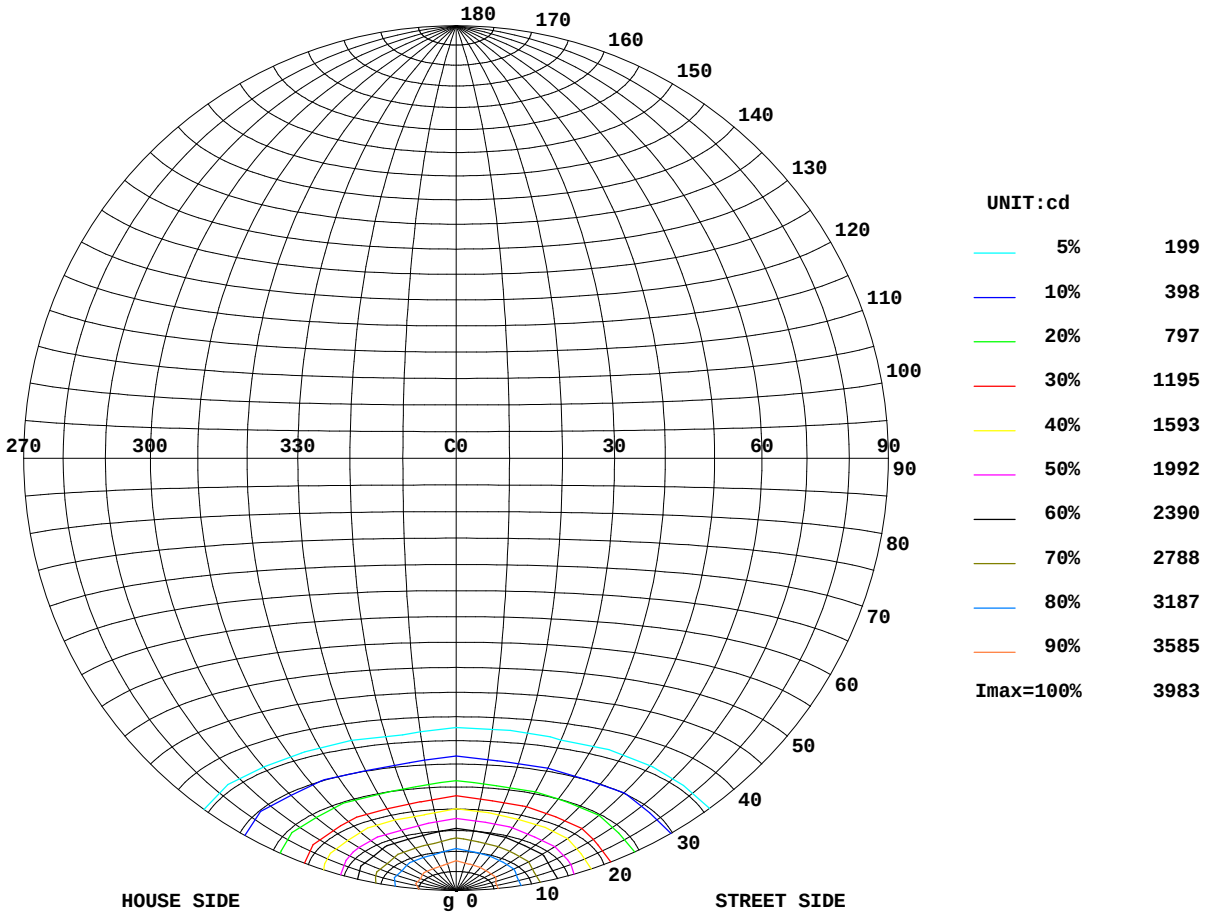
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

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-WW	TYPE:HCP1033001-WW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-WW	DIMENSION:	SERIAL No.:20220728



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

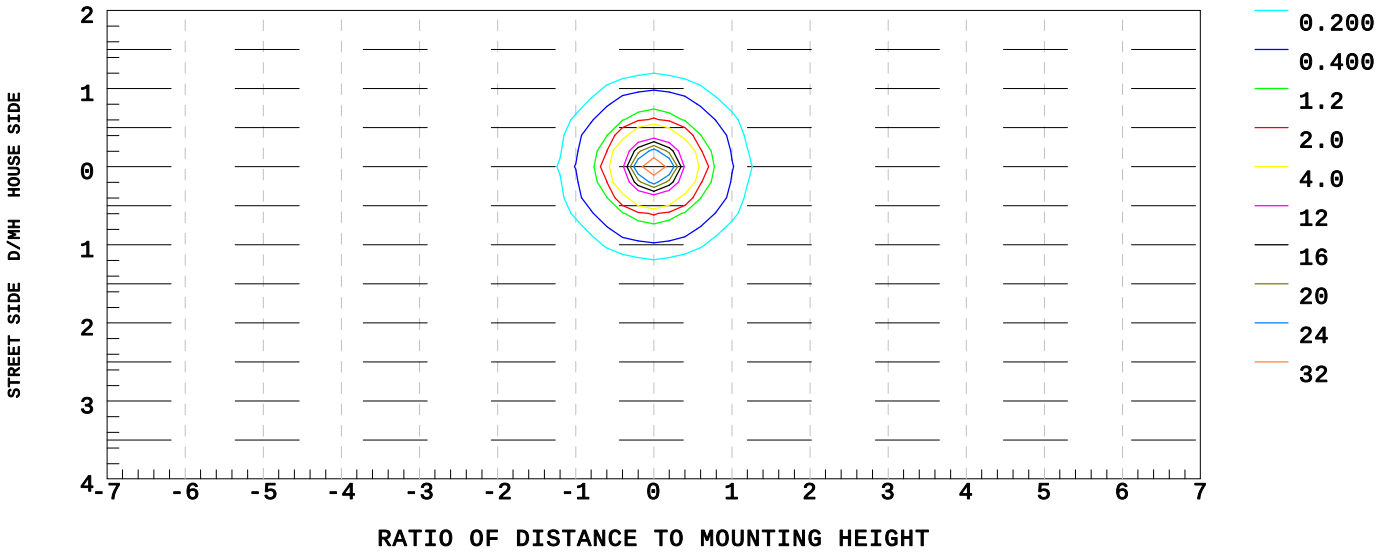
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

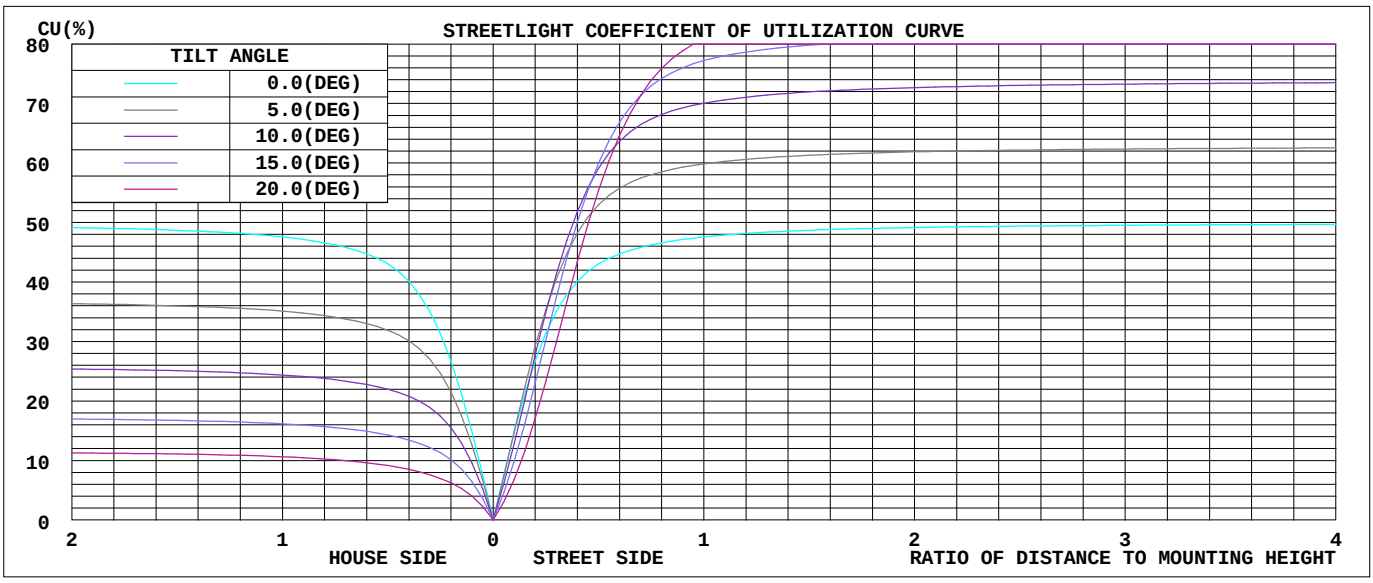
ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 39.79 lx





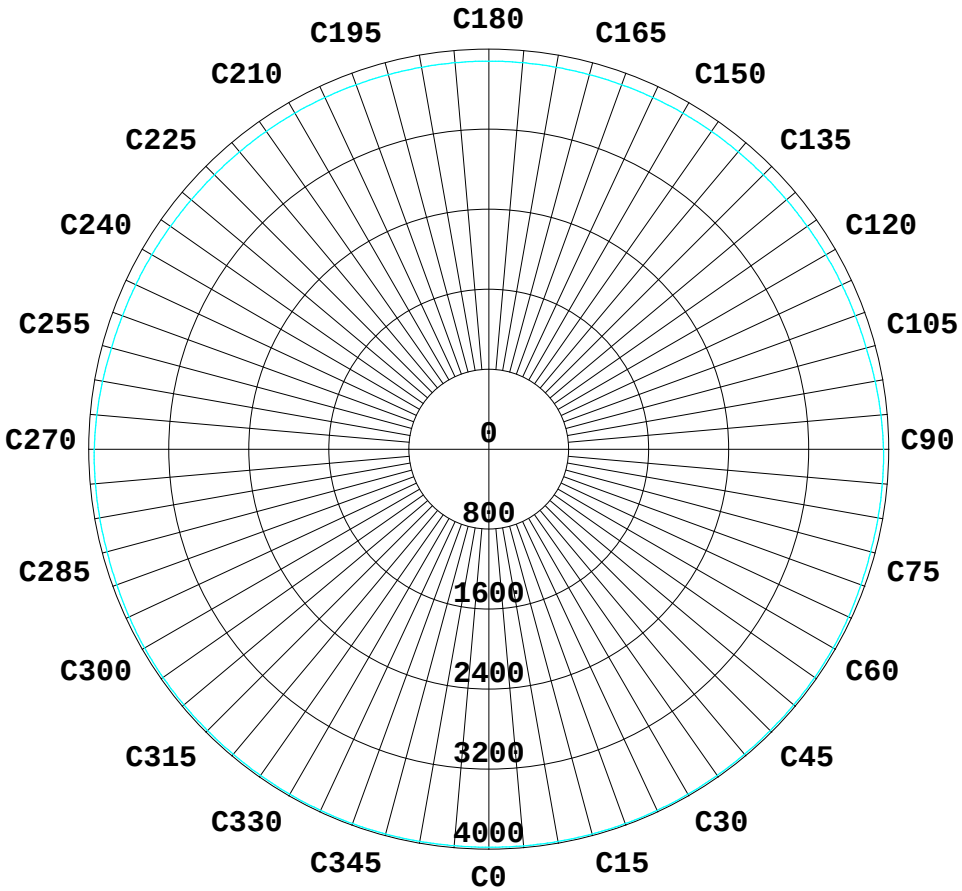
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

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-WW	TYPE:HCP1033001-WW	WEIGHT:0.5KG
SPECIFICATION:HCP1033001-WW	DIMENSION:	SERIAL No.:20220728



HOUSE SIDE Max @ g = 0.0DEG 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-WW	**TYPE:HCP1033001-WW**	**WEIGHT:0.5KG**
SPECIFICATION:HCP1033001-WW	**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	3979	3983	3983	3979	3976	3953	3946	3909	3892	3882	3882	3879	3881	3879	3882
5.0	3818	3774	3751	3717	3717	3642	3652	3577	3600	3631	3698	3738	3797	3738	3698
10.0	3280	3195	3151	3097	3073	2983	2983	2910	2942	3035	3153	3227	3333	3227	3153
15.0	2479	2367	2308	2236	2212	2248	2123	2076	2107	2216	2363	2452	2580	2452	2363
20.0	1595	1507	1380	1394	1379	1299	1340	1265	1343	1404	1543	1609	1777	1609	1543
25.0	937	860	829	778	777	725	745	707	735	784	888	940	1038	940	888
30.0	500	445	431	400	401	371	384	363	379	403	466	495	563	495	466
35.0	268	233	234	225	223	226	220	223	214	227	248	256	298	256	248
40.0	150	150	148	143	147	137	144	135	145	144	148	157	171	157	148
45.0	117	104	108	98.7	104	95.8	102	95.8	103	101	113	110	119	110	113
50.0	84.4	76.1	79.1	72.3	76.6	70.2	75.1	69.9	76.0	74.6	83.3	80.3	88.5	80.3	83.3
55.0	61.3	54.9	57.6	52.4	56.0	51.3	55.2	51.1	55.9	54.3	61.1	58.5	64.8	58.5	61.1
60.0	45.4	40.3	42.7	38.7	41.8	38.5	41.8	38.5	42.1	40.5	45.7	43.6	48.6	43.6	45.7
65.0	36.1	32.1	34.3	31.1	33.6	30.8	33.5	30.9	34.0	32.4	36.4	34.4	38.1	34.4	36.4
70.0	27.9	24.5	26.3	23.4	25.6	23.1	25.5	23.1	25.9	24.6	28.2	26.6	29.8	26.6	28.2
75.0	20.9	18.1	19.7	17.3	19.1	17.0	19.0	17.0	19.2	18.0	21.0	19.5	22.3	19.5	21.0
80.0	16.1	13.8	15.3	13.3	14.9	13.0	14.7	13.0	15.0	14.0	16.3	15.0	17.1	15.0	16.3
85.0	11.4	9.53	10.6	8.96	10.2	8.63	9.98	8.57	10.3	9.59	11.7	10.7	12.7	10.7	11.7
90.0	6.97	6.14	6.84	6.14	6.91	6.20	6.97	6.33	7.16	6.46	7.29	6.59	7.87	6.59	7.29

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-WW	**TYPE:HCP1033001-WW**	**WEIGHT:0.5KG**
SPECIFICATION:HCP1033001-WW	**DIMENSION:**	**SERIAL No.:20220728**

UNIT: cd

C(DEG) / g (DEG)	225	240	255	270	285	300	315	330	345
0.0	3882	3892	3909	3946	3953	3976	3979	3983	3983
5.0	3631	3600	3577	3652	3642	3717	3717	3751	3774
10.0	3035	2942	2910	2983	2983	3073	3097	3151	3195
15.0	2216	2107	2076	2123	2248	2212	2236	2308	2367
20.0	1404	1343	1265	1340	1299	1379	1394	1380	1507
25.0	784	735	707	745	725	777	778	829	860
30.0	403	379	363	384	371	401	400	431	445
35.0	227	214	223	220	226	223	225	234	233
40.0	144	145	135	144	137	147	143	148	150
45.0	101	103	95.8	102	95.8	104	98.7	108	104
50.0	74.6	76.0	69.9	75.1	70.2	76.6	72.3	79.1	76.1
55.0	54.3	55.9	51.1	55.2	51.3	56.0	52.4	57.6	54.9
60.0	40.5	42.1	38.5	41.8	38.5	41.8	38.7	42.7	40.3
65.0	32.4	34.0	30.9	33.5	30.8	33.6	31.1	34.3	32.1
70.0	24.6	25.9	23.1	25.5	23.1	25.6	23.4	26.3	24.5
75.0	18.0	19.2	17.0	19.0	17.0	19.1	17.3	19.7	18.1
80.0	14.0	15.0	13.0	14.7	13.0	14.9	13.3	15.3	13.8
85.0	9.59	10.3	8.57	9.98	8.63	10.2	8.96	10.6	9.53
90.0	6.46	7.16	6.33	6.97	6.20	6.91	6.14	6.84	6.14

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: