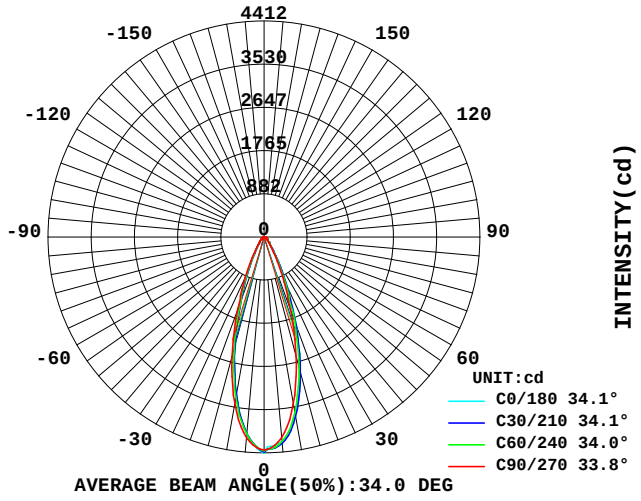
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

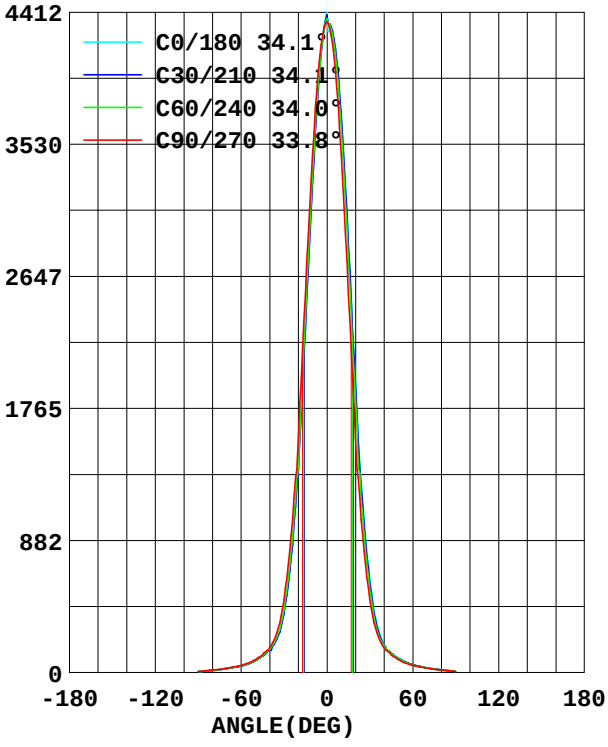
DATA OF LAMP		Imax(cd)	4412	S/MH(C0/180)	0.51
MODEL	HCP1033001-WW	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.55
NOMINAL POWER(W)	22	TOTAL FLUX(lm)	1887.7	Voltage(V)	225.5
RATED VOLTAGE(V)	226	EFFICIENCY(lm/W)	84.9	Current(A)	0.111
NOMINAL FLUX(lm)	1887.7	h up(%)	0.0	Power(W)	22.24
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	0.886
TEST VOLTAGE(V)	225.5	Effictive Flux(lm)	1514.8	EEI	0.200

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(50%):34.0 DEG

LUMINOUS INTENSITY DISTRIBUTION



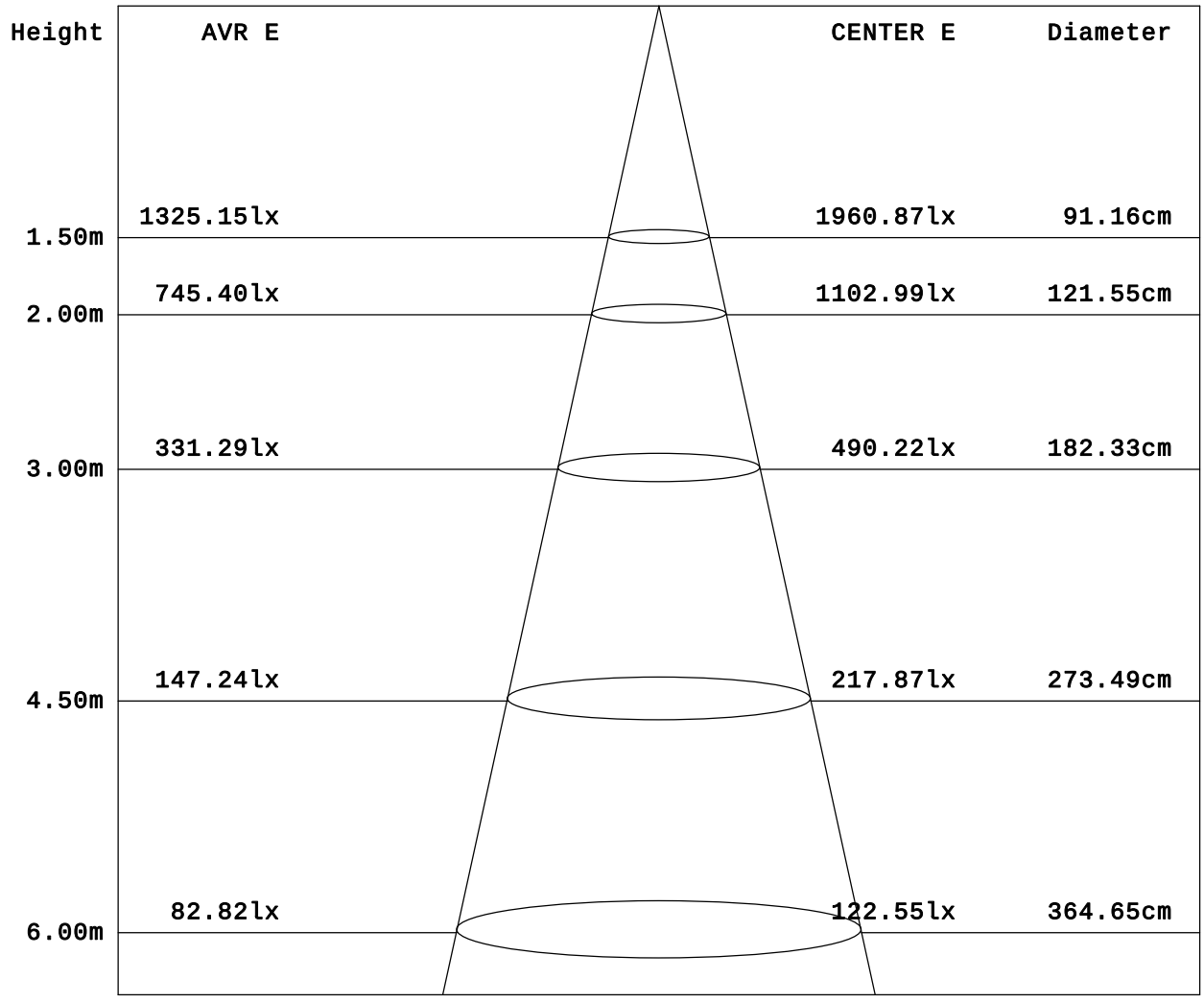
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

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



Angle:33.8deg

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	4051	4010	4121	4219	4194	4219	4121	4010	0- 5	101.1	101.1
10.0	3275	3268	3457	3691	3693	3691	3457	3268	5- 10	270.7	371.9
15.0	2295	2294	2530	2818	2849	2818	2530	2294	10- 15	354.6	726.5
20.0	1357	1383	1572	1855	1945	1855	1572	1383	15- 20	339.6	1066
25.0	768.3	755.9	913.4	1071	1133	1071	913.4	755.9	20- 25	257.3	1324
30.0	396.2	385.1	483.7	566.2	615.8	566.2	483.7	385.1	25- 30	170.8	1494
35.0	226.7	221.5	268.3	284.2	325.4	284.2	268.3	221.5	30- 35	104.3	1599
40.0	149.4	149.1	165.3	177.9	187.0	177.9	165.3	149.1	35- 40	69.33	1668
45.0	108.6	104.1	118.7	123.1	130.4	123.1	118.7	104.1	40- 45	51.33	1719
50.0	79.42	75.45	87.42	90.23	96.57	90.23	87.42	75.45	45- 50	40.19	1760
55.0	58.36	54.65	64.06	65.72	70.84	65.72	64.06	54.65	50- 55	31.55	1791
60.0	43.96	40.76	48.00	49.02	53.11	49.02	48.00	40.76	55- 60	24.88	1816
65.0	35.07	32.57	38.33	38.46	41.40	38.46	38.33	32.57	60- 65	20.11	1836
70.0	26.43	24.19	29.50	29.88	32.32	29.88	29.50	24.19	65- 70	16.41	1853
75.0	19.84	18.17	21.82	21.95	24.12	21.95	21.82	18.17	70- 75	12.76	1865
80.0	15.16	13.82	16.96	16.70	18.56	16.70	16.96	13.82	75- 80	9.825	1875
85.0	10.24	9.151	12.03	12.16	13.88	12.16	12.03	9.151	80- 85	7.423	1883
90.0	7.424	6.848	7.808	7.744	8.768	7.744	7.808	6.848	85- 90	5.027	1888
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:

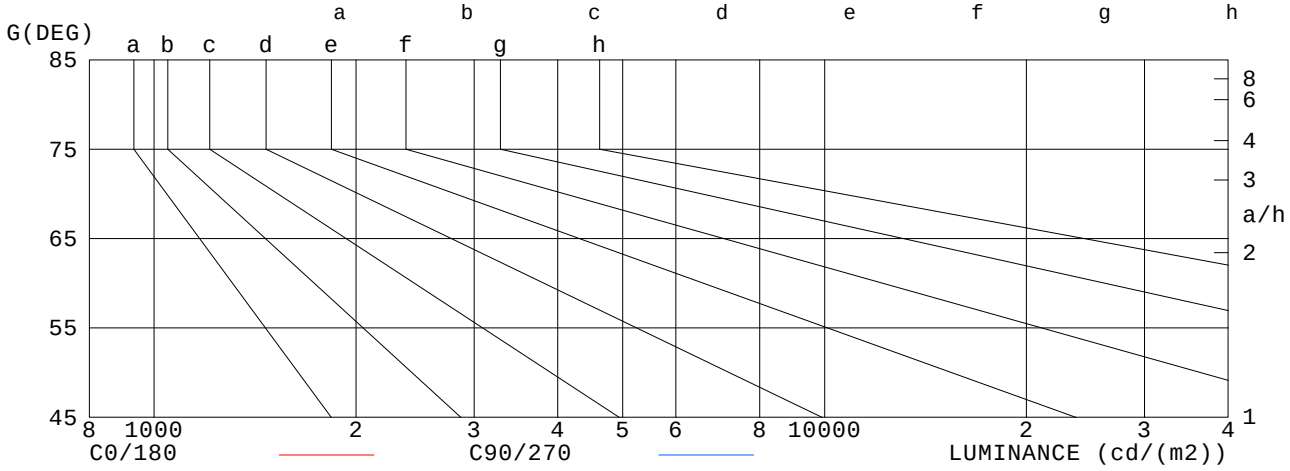
LUMINANCE LIMITATION CURVES

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	587	690
80	437	488
75	383	422
70	386	431
65	415	454
60	440	480
55	509	558
50	618	680
45	768	840

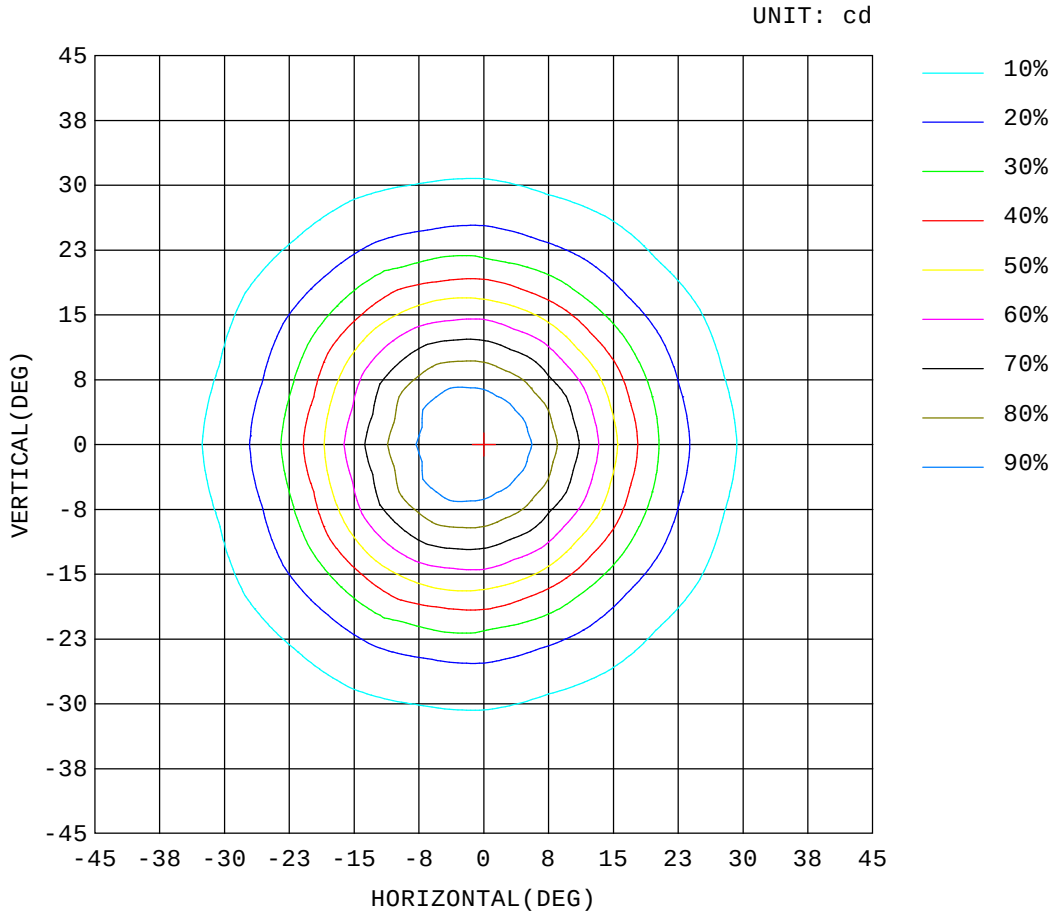
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

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



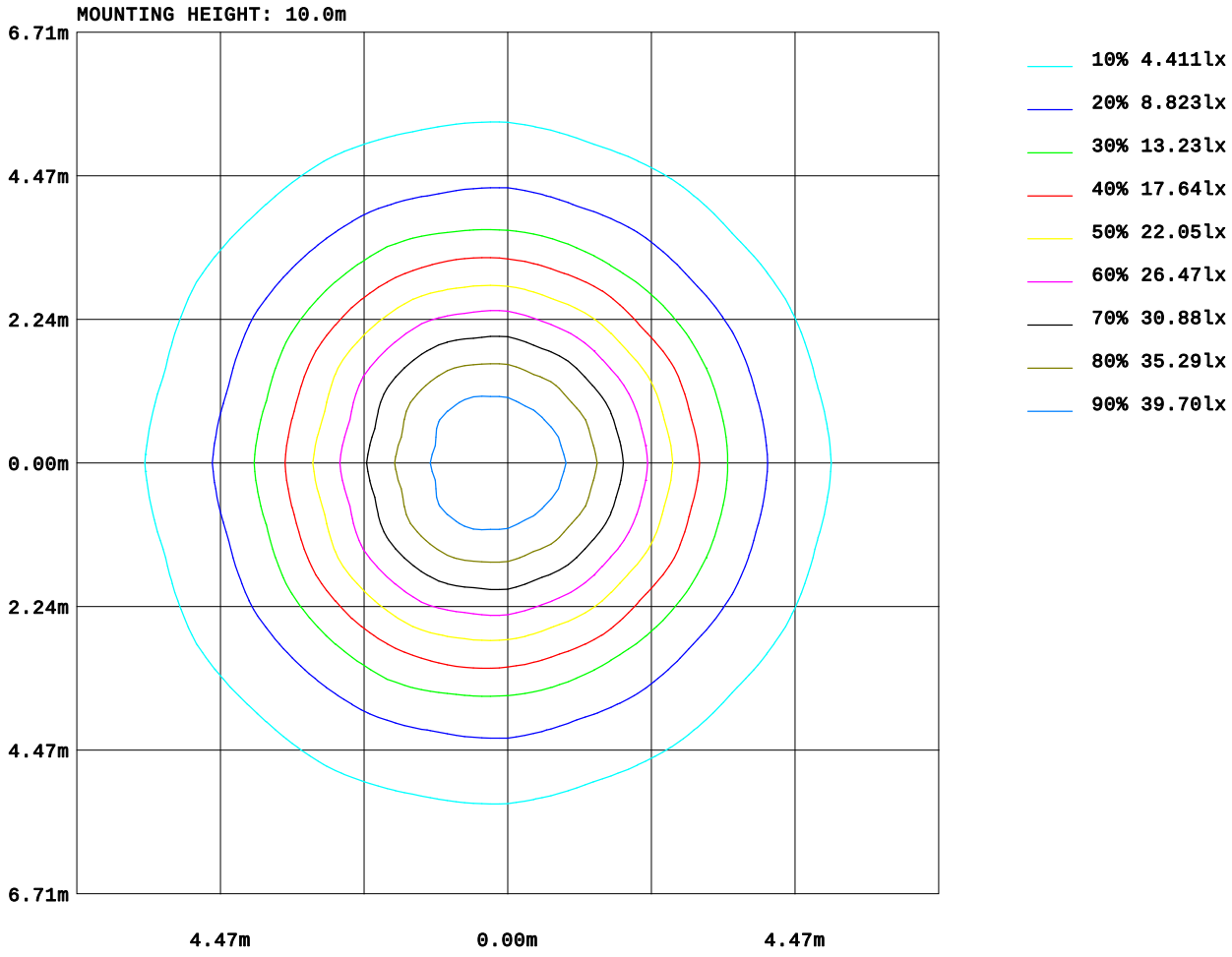
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

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

VERTICAL(DEG)	AREA FLUX DIAGRAM UNIT:lm																		F t	F a
45																				
40	0.34	0.43	0.53	0.65	0.78	0.89	0.95	1.01	1.06	1.05	0.97	0.89	0.80	0.69	0.56	0.44	0.35	0.28	12.7	0.00
35	0.41	0.53	0.66	0.83	1.02	1.20	1.39	1.52	1.59	1.56	1.43	1.25	1.08	0.91	0.72	0.56	0.44	0.34	17.4	0.00
30	0.49	0.64	0.83	1.06	1.40	1.80	2.20	2.51	2.72	2.61	2.23	1.88	1.52	1.18	0.92	0.70	0.54	0.40	25.6	0.96
25	0.56	0.77	1.02	1.45	2.07	3.05	4.06	4.75	5.16	4.90	4.07	3.20	2.29	1.62	1.17	0.88	0.65	0.47	42.1	24.9
20	0.62	0.88	1.32	2.07	3.37	5.19	7.22	8.63	9.29	8.79	7.36	5.61	3.74	2.31	1.53	1.04	0.76	0.52	70.3	57.6
15	0.68	1.04	1.69	3.02	5.24	8.26	11.7	14.6	15.7	14.8	12.3	9.02	5.86	3.55	2.04	1.27	0.85	0.58	113	102
	0.74	1.22	2.06	3.99	7.28	11.9	17.2	21.3	22.8	21.7	18.4	13.4	8.63	5.00	2.66	1.51	0.94	0.63	162	153
	0.81	1.36	2.46	4.82	8.88	15.0	21.6	26.9	29.0	27.8	23.7	17.6	11.2	6.27	3.23	1.71	1.03	0.68	204	196
	0.85	1.46	2.82	5.57	10.1	16.8	23.7	29.5	32.2	31.4	27.0	20.1	12.8	7.18	3.71	1.89	1.08	0.72	229	222
	0.85	1.46	2.82	5.57	10.1	16.8	23.7	29.5	32.2	31.4	27.0	20.1	12.8	7.18	3.71	1.89	1.08	0.72	229	222
	0.81	1.36	2.46	4.82	8.88	15.0	21.6	26.9	29.0	27.8	23.7	17.6	11.2	6.27	3.23	1.71	1.03	0.68	204	196
	0.74	1.22	2.06	3.99	7.28	11.9	17.2	21.3	22.8	21.7	18.4	13.4	8.63	5.00	2.66	1.51	0.94	0.63	162	153
-15	0.68	1.04	1.69	3.02	5.24	8.26	11.7	14.6	15.7	14.8	12.3	9.02	5.86	3.55	2.04	1.27	0.85	0.58	113	102
-20	0.62	0.88	1.32	2.07	3.37	5.19	7.22	8.63	9.29	8.79	7.36	5.61	3.74	2.31	1.53	1.04	0.76	0.52	70.3	57.6
-25	0.56	0.77	1.02	1.45	2.07	3.05	4.06	4.75	5.16	4.90	4.07	3.20	2.29	1.62	1.17	0.88	0.65	0.47	42.1	24.9
-30	0.49	0.64	0.83	1.06	1.40	1.80	2.20	2.51	2.72	2.61	2.23	1.88	1.52	1.18	0.92	0.70	0.54	0.40	25.6	0.96
-35	0.41	0.53	0.66	0.83	1.02	1.20	1.39	1.52	1.59	1.56	1.43	1.25	1.08	0.91	0.72	0.56	0.44	0.34	17.4	0.00
-40	0.34	0.43	0.53	0.65	0.78	0.89	0.95	1.01	1.06	1.05	0.97	0.89	0.80	0.69	0.56	0.44	0.35	0.28	12.7	0.00
-45																				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
F t	11.0	16.6	26.8	47.0	80.4	128	181	222	240	230	195	146	96.0	57.4	33.1	20.0	13.3	9.24	1888	
F a	0.00	0.00	4.48	32.0	67.6	117	170	212	230	220	185	135	83.2	42.7	12.3	0.00	0.00	0.00		1515

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

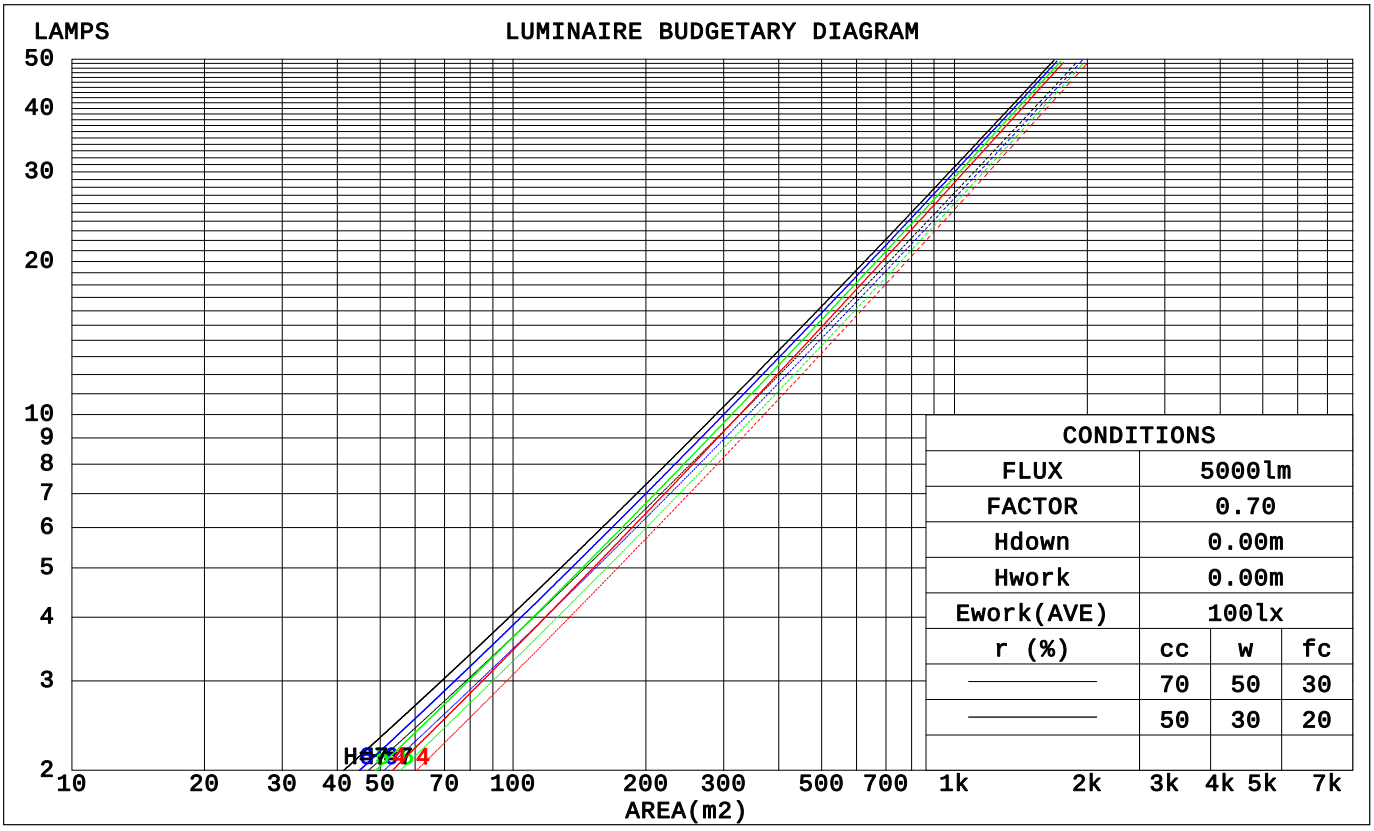
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

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	.87	.81	.77	.86	.81	.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	.161	.093	.030	.150	.086	.028	.139	.081	.026	
2.0	.168	.092	.028	.163	.090	.028	.152	.085	.026	.142	.080	.025	.133	.075	.024	
3.0	.157	.084	.025	.152	.082	.025	.143	.078	.024	.135	.074	.023	.127	.071	.022	
4.0	.147	.077	.023	.143	.075	.022	.136	.072	.021	.128	.069	.021	.122	.066	.020	
5.0	.139	.071	.020	.135	.069	.020	.128	.067	.020	.122	.064	.019	.116	.062	.019	
6.0	.131	.066	.019	.128	.065	.019	.122	.063	.018	.117	.061	.018	.111	.059	.017	
7.0	.124	.061	.017	.121	.060	.017	.116	.059	.017	.111	.057	.017	.107	.056	.016	
8.0	.118	.058	.016	.115	.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	5.4	6.3	5.6	6.5	6.6	5.9	6.7	6.1	6.9	7.1
	3H	6.3	7.1	6.5	7.3	7.5	6.7	7.5	7.0	7.7	7.9
	4H	6.7	7.5	6.9	7.7	7.9	7.2	7.9	7.4	8.2	8.4
	6H	7.1	7.9	7.4	8.1	8.4	7.7	8.4	8.0	8.6	8.9
	8H	7.4	8.1	7.7	8.4	8.6	7.9	8.7	8.3	8.9	9.2
	12H	7.7	8.4	8.0	8.6	8.9	8.3	8.9	8.6	9.2	9.5
4H	2H	5.7	6.5	6.0	6.7	7.0	6.1	6.9	6.4	7.1	7.3
	3H	6.8	7.5	7.1	7.7	8.0	7.2	7.9	7.5	8.1	8.4
	4H	7.4	8.0	7.7	8.3	8.6	7.8	8.4	8.1	8.7	9.0
	6H	8.0	8.5	8.4	8.9	9.2	8.4	9.0	8.8	9.3	9.7
	8H	8.3	8.8	8.7	9.2	9.5	8.8	9.3	9.2	9.7	10.0
	12H	8.7	9.1	9.1	9.5	9.9	9.2	9.7	9.6	10.0	10.4
8H	4H	7.6	8.1	8.0	8.4	8.8	8.0	8.5	8.4	8.8	9.2
	6H	8.4	8.8	8.8	9.2	9.6	8.8	9.2	9.2	9.6	10.1
	8H	8.9	9.3	9.3	9.7	10.1	9.3	9.7	9.8	10.1	10.6
	12H	9.4	9.7	9.8	10.1	10.6	9.9	10.2	10.3	10.6	11.1
12H	4H	7.6	8.1	8.0	8.5	8.8	8.0	8.5	8.4	8.8	9.2
	6H	8.5	8.9	9.0	9.3	9.7	8.9	9.3	9.3	9.7	10.1
	8H	9.0	9.4	9.5	9.8	10.3	9.5	9.8	9.9	10.2	10.7

Variations with the observer position at spacings:		
S = 1.0H	+ 0.4 / - 0.4	+ 0.5 / - 0.4
1.5H	+ 0.6 / - 0.2	+ 0.8 / - 0.4
2.0H	+ 0.7 / - 0.4	+ 0.9 / - 0.5

CIE Pub.117 Corrected 1888 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.2)

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	86	81	91	85	81	90	85	81	77
1.00	97	91	87	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	

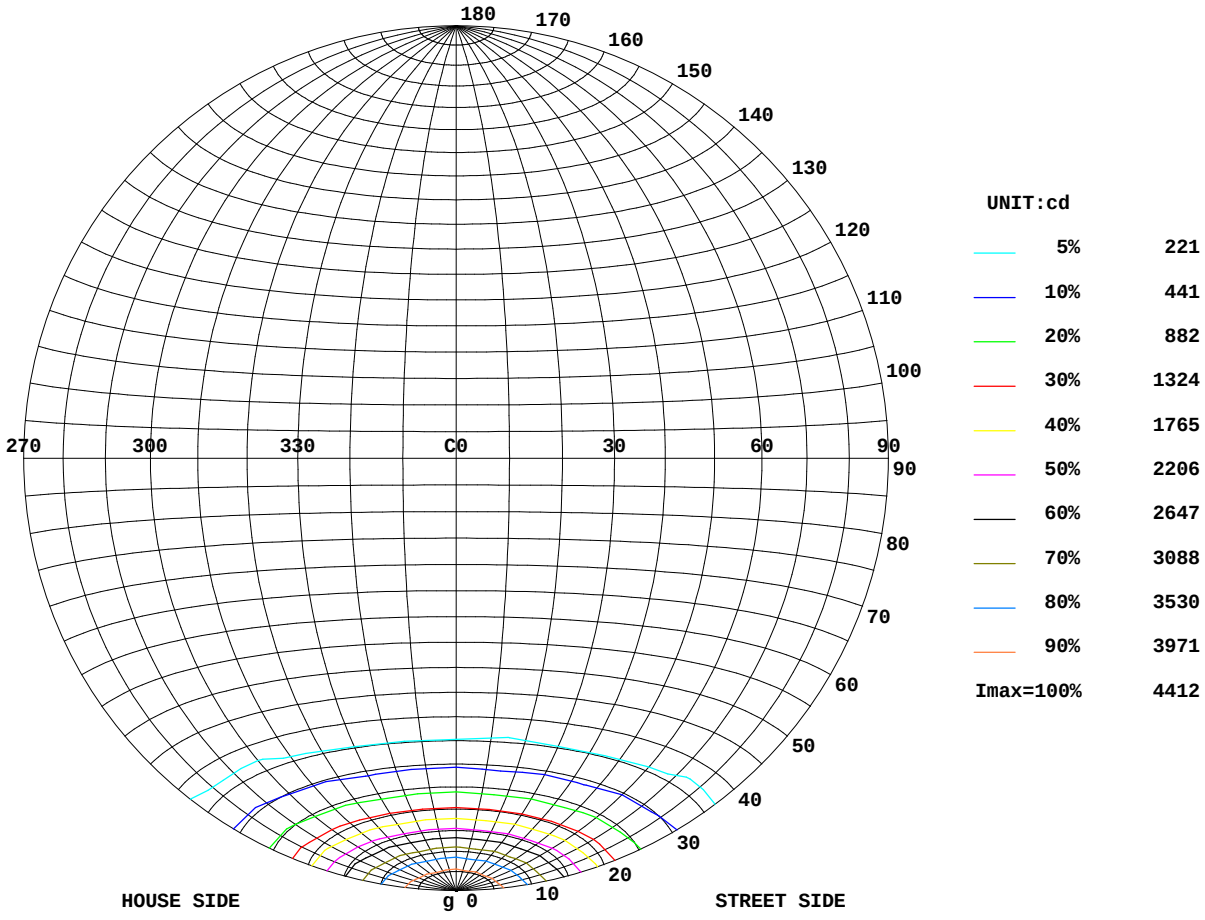
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

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



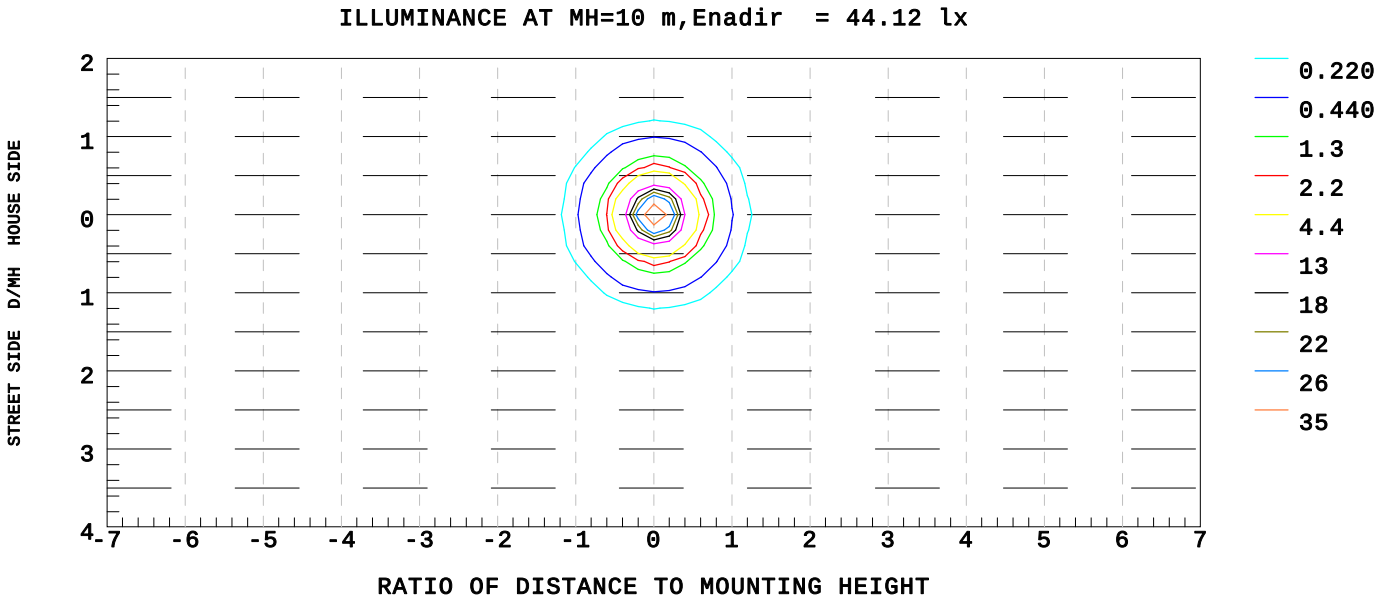
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

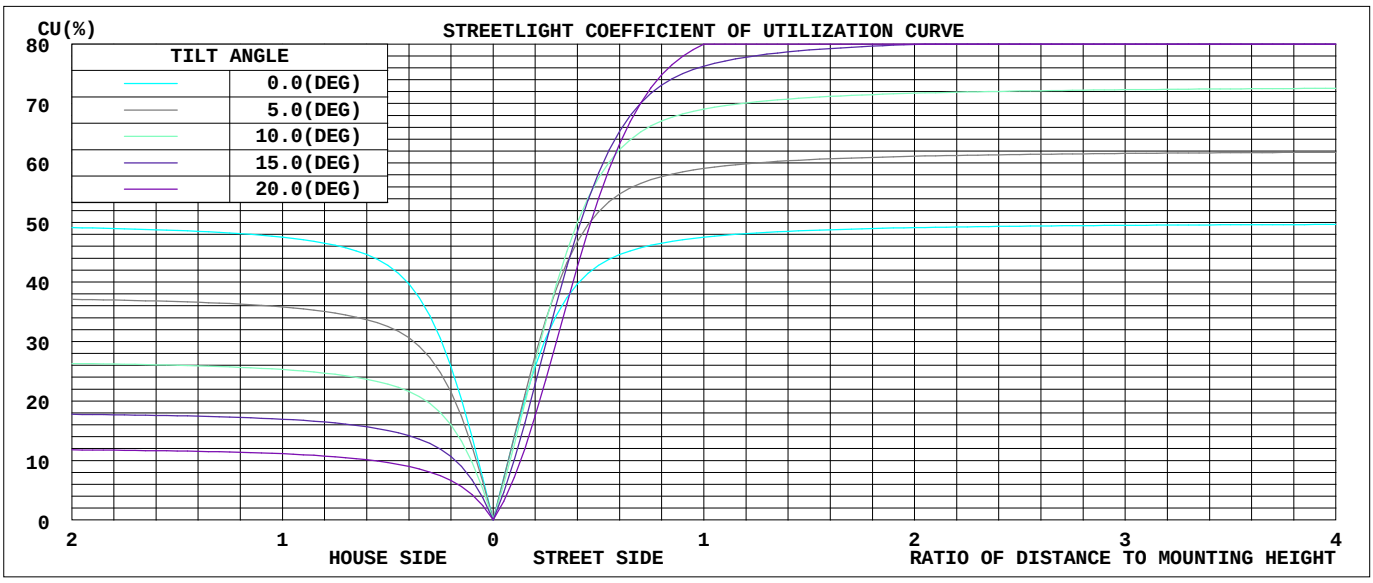
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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





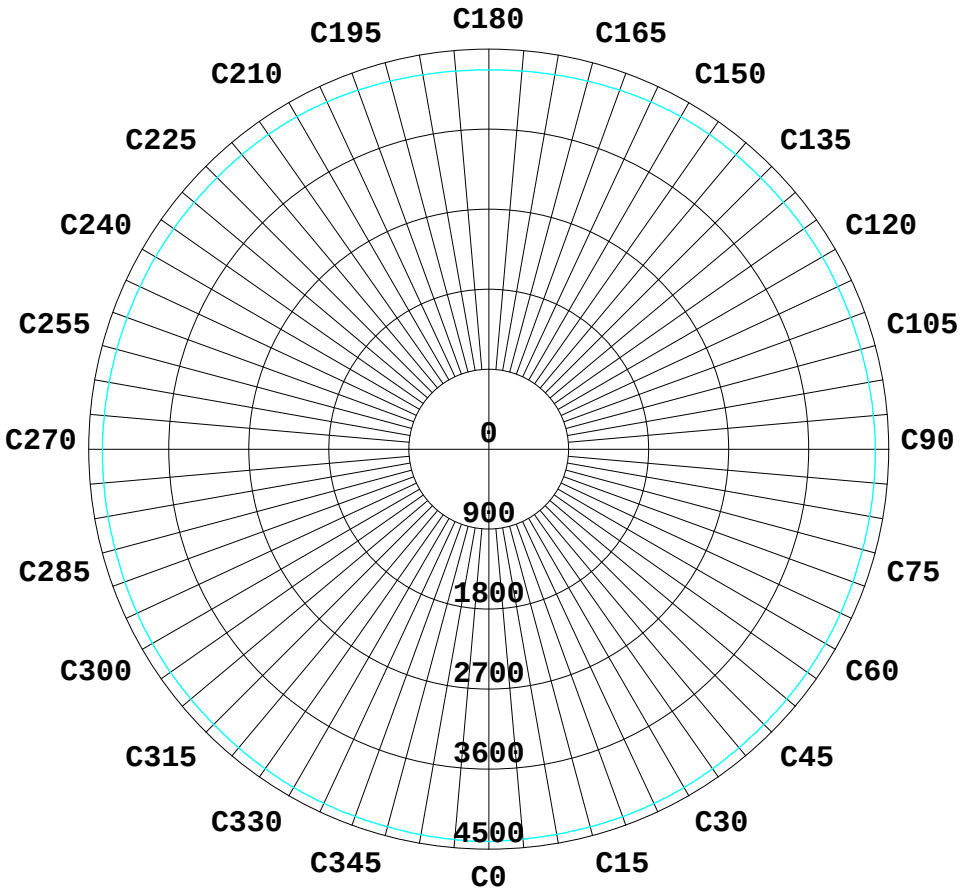
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

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	4412	4397	4394	4377	4371	4353	4348	4334	4331	4324	4321	4288	4269	4288	4321
5.0	4051	4007	4036	4010	4045	4055	4121	4138	4198	4219	4234	4175	4194	4175	4234
10.0	3275	3244	3268	3268	3327	3359	3457	3525	3639	3691	3721	3642	3693	3642	3721
15.0	2295	2265	2295	2294	2366	2406	2530	2612	2756	2818	2859	2777	2849	2777	2859
20.0	1357	1358	1358	1383	1362	1478	1572	1660	1835	1855	1934	1827	1945	1827	1934
25.0	768	744	762	756	807	826	913	953	1041	1071	1112	1070	1133	1070	1112
30.0	396	378	392	385	416	426	484	504	551	566	595	568	616	568	595
35.0	227	225	226	222	238	241	268	263	288	284	310	301	325	301	310
40.0	149	146	149	149	152	155	165	166	179	178	184	178	187	178	184
45.0	109	103	109	104	112	108	119	117	128	123	130	121	130	121	130
50.0	79.4	74.2	79.5	75.4	82.4	78.9	87.4	84.9	93.5	90.2	96.0	89.6	96.5	89.6	96.0
55.0	58.3	53.8	58.1	54.6	60.3	57.5	64.0	61.7	68.4	65.7	70.4	65.5	70.8	65.5	70.4
60.0	43.9	40.3	43.6	40.7	45.0	43.0	48.0	46.0	51.2	49.0	52.9	49.0	53.1	49.0	52.9
65.0	35.0	32.1	35.0	32.5	36.0	34.3	38.3	36.5	40.5	38.4	41.5	38.3	41.4	38.3	41.5
70.0	26.4	23.8	26.3	24.1	27.3	25.9	29.5	28.0	31.6	29.8	32.5	29.7	32.3	29.7	32.5
75.0	19.8	17.8	19.9	18.1	20.4	18.8	21.8	20.5	23.4	21.9	24.1	21.8	24.1	21.8	24.1
80.0	15.1	13.4	15.2	13.8	15.9	14.6	16.9	15.7	18.1	16.7	18.4	16.7	18.5	16.7	18.4
85.0	10.2	8.83	10.3	9.15	11.0	9.98	12.0	11.1	13.2	12.1	13.6	12.2	13.8	12.2	13.6
90.0	7.42	6.72	7.48	6.84	7.68	6.97	7.80	7.04	8.06	7.74	8.44	7.87	8.76	7.87	8.44

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-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	4324	4331	4334	4348	4353	4371	4377	4394	4397
5.0	4219	4198	4138	4121	4055	4045	4010	4036	4007
10.0	3691	3639	3525	3457	3359	3327	3268	3268	3244
15.0	2818	2756	2612	2530	2406	2366	2294	2295	2265
20.0	1855	1835	1660	1572	1478	1362	1383	1358	1358
25.0	1071	1041	953	913	826	807	756	762	744
30.0	566	551	504	484	426	416	385	392	378
35.0	284	288	263	268	241	238	222	226	225
40.0	178	179	166	165	155	152	149	149	146
45.0	123	128	117	119	108	112	104	109	103
50.0	90.2	93.5	84.9	87.4	78.9	82.4	75.4	79.5	74.2
55.0	65.7	68.4	61.7	64.0	57.5	60.3	54.6	58.1	53.8
60.0	49.0	51.2	46.0	48.0	43.0	45.0	40.7	43.6	40.3
65.0	38.4	40.5	36.5	38.3	34.3	36.0	32.5	35.0	32.1
70.0	29.8	31.6	28.0	29.5	25.9	27.3	24.1	26.3	23.8
75.0	21.9	23.4	20.5	21.8	18.8	20.4	18.1	19.9	17.8
80.0	16.7	18.1	15.7	16.9	14.6	15.9	13.8	15.2	13.4
85.0	12.1	13.2	11.1	12.0	9.98	11.0	9.15	10.3	8.83
90.0	7.74	8.06	7.04	7.80	6.97	7.68	6.84	7.48	6.72

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:**