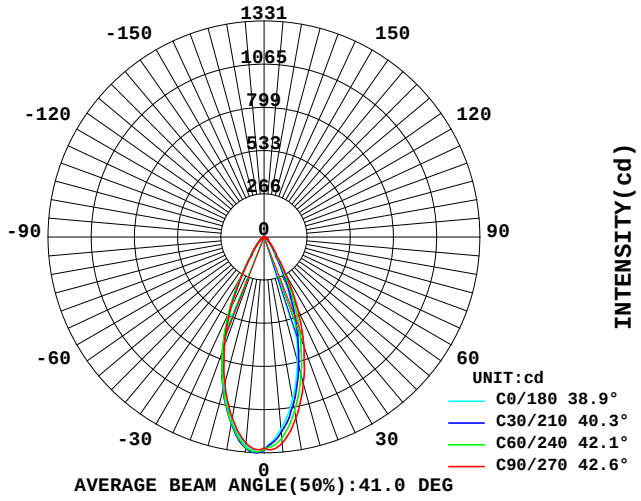
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:	Address:	
NAME: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802

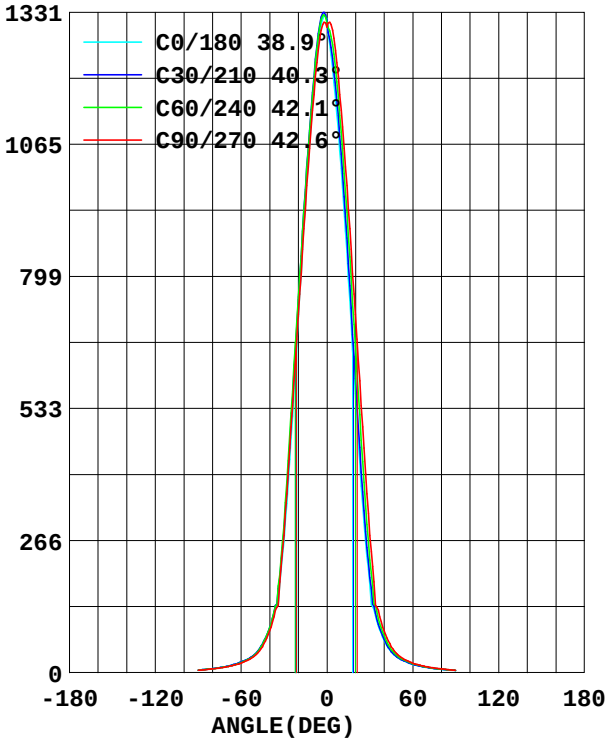
DATA OF LAMP		Imax(cd)	1331	S/MH(C0/180)	0.68
MODEL	3000K	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.68
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	740.90	Voltage(V)	225.6
RATED VOLTAGE(V)	226	EFFICIENCY(lm/W)	70.2	Current(A)	0.052
NOMINAL FLUX(lm)	740.9	h up(%)	0.0	Power(W)	10.56
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	0.886
TEST VOLTAGE(V)	225.6	Effictive Flux(lm)	615.6	EEI	0.203

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(50%):41.0 DEG

LUMINOUS INTENSITY DISTRIBUTION



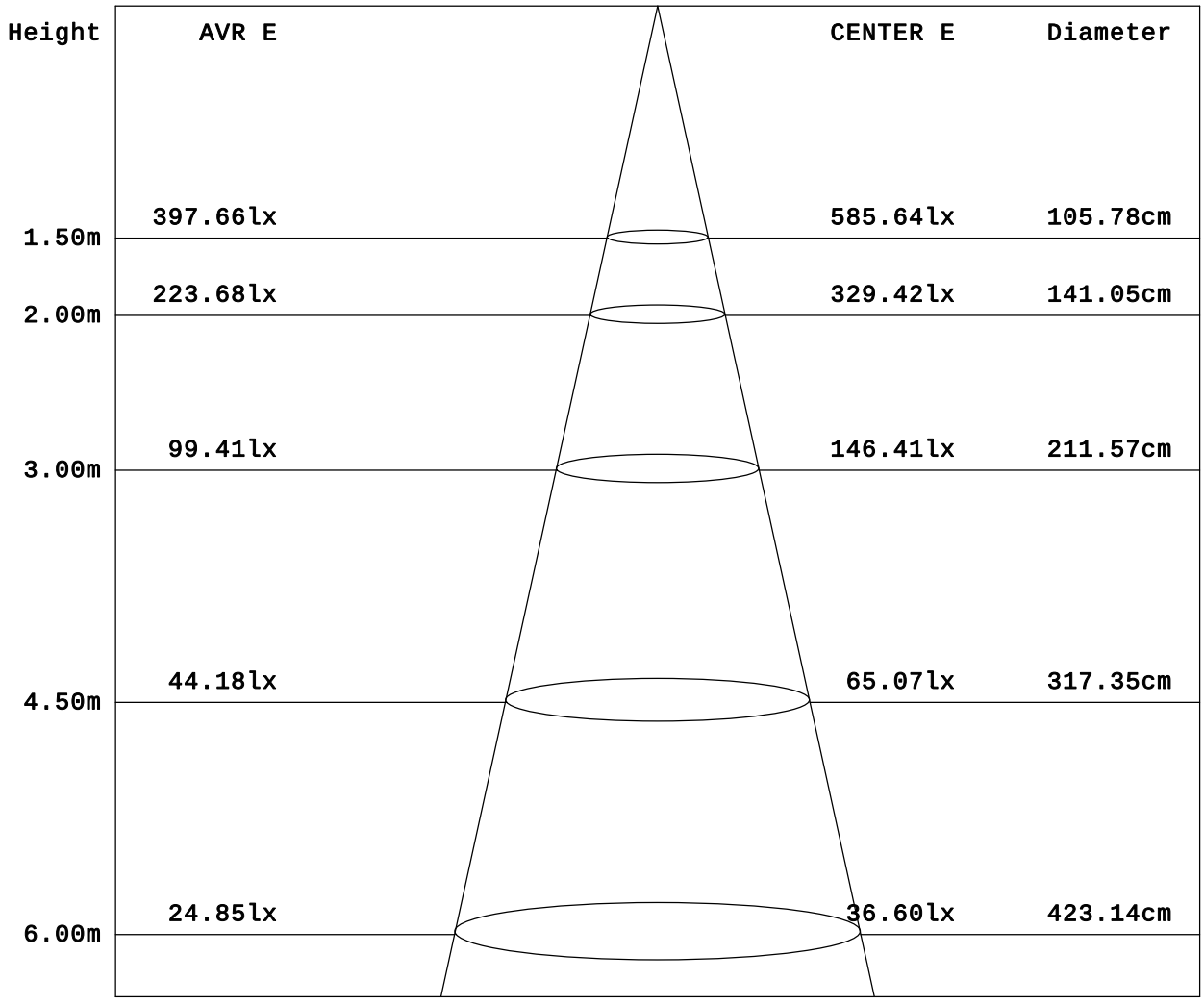
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802



Angle:38.8deg

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18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: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	total
5.0	1290	1302	1278	1219	1189	1219	1278	1302	0- 5	30.79	30.79
10.0	1144	1162	1134	1057	1016	1057	1134	1162	5- 10	84.64	115.4
15.0	943.0	965.3	934.9	837.5	794.8	837.5	934.9	965.3	10- 15	118.9	234.4
20.0	718.0	737.2	721.9	601.2	562.2	601.2	721.9	737.2	15- 20	129.6	364.0
25.0	473.0	501.9	495.4	376.4	338.4	376.4	495.4	501.9	20- 25	116.6	480.6
30.0	265.0	278.6	276.4	240.5	179.8	240.5	276.4	278.6	25- 30	85.85	566.5
35.0	136.0	141.8	132.0	103.1	104.0	103.1	132.0	141.8	30- 35	52.95	619.5
40.0	88.44	82.55	84.03	64.38	65.53	64.38	84.03	82.55	35- 40	33.00	652.5
45.0	57.40	51.52	52.16	39.35	41.47	39.35	52.16	51.52	40- 45	22.80	675.3
50.0	37.63	33.47	35.07	27.00	29.44	27.00	35.07	33.47	45- 50	15.88	691.1
55.0	27.58	23.80	25.53	20.16	22.27	20.16	25.53	23.80	50- 55	11.92	703.1
60.0	21.44	17.72	19.07	14.71	16.57	14.71	19.07	17.72	55- 60	9.508	712.6
65.0	16.25	13.37	14.91	11.52	13.12	11.52	14.91	13.37	60- 65	7.531	720.1
70.0	12.73	10.24	11.71	8.832	10.36	8.832	11.71	10.24	65- 70	6.087	726.2
75.0	9.983	7.936	9.280	6.848	8.191	6.848	9.280	7.936	70- 75	4.905	731.1
80.0	8.127	6.336	7.552	5.440	6.720	5.440	7.552	6.336	75- 80	3.977	735.1
85.0	6.528	4.928	5.952	4.160	5.312	4.160	5.952	4.928	80- 85	3.216	738.3
90.0	4.992	3.968	4.544	3.712	4.480	3.712	4.544	3.968	85- 90	2.563	740.9
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:2023年11月18日

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

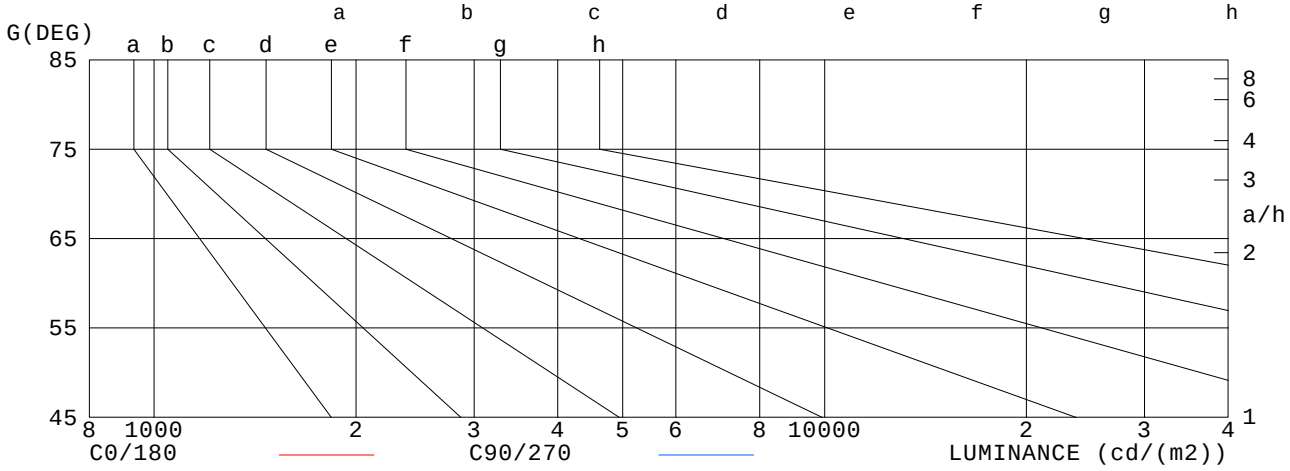
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	**Address:**	
NAME: HCP1021011/1031011	**TYPE:HCP1021011/1031011**	**WEIGHT:**
SPECIFICATION:	**DIMENSION: 1**	**SERIAL No.:2023092802**

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



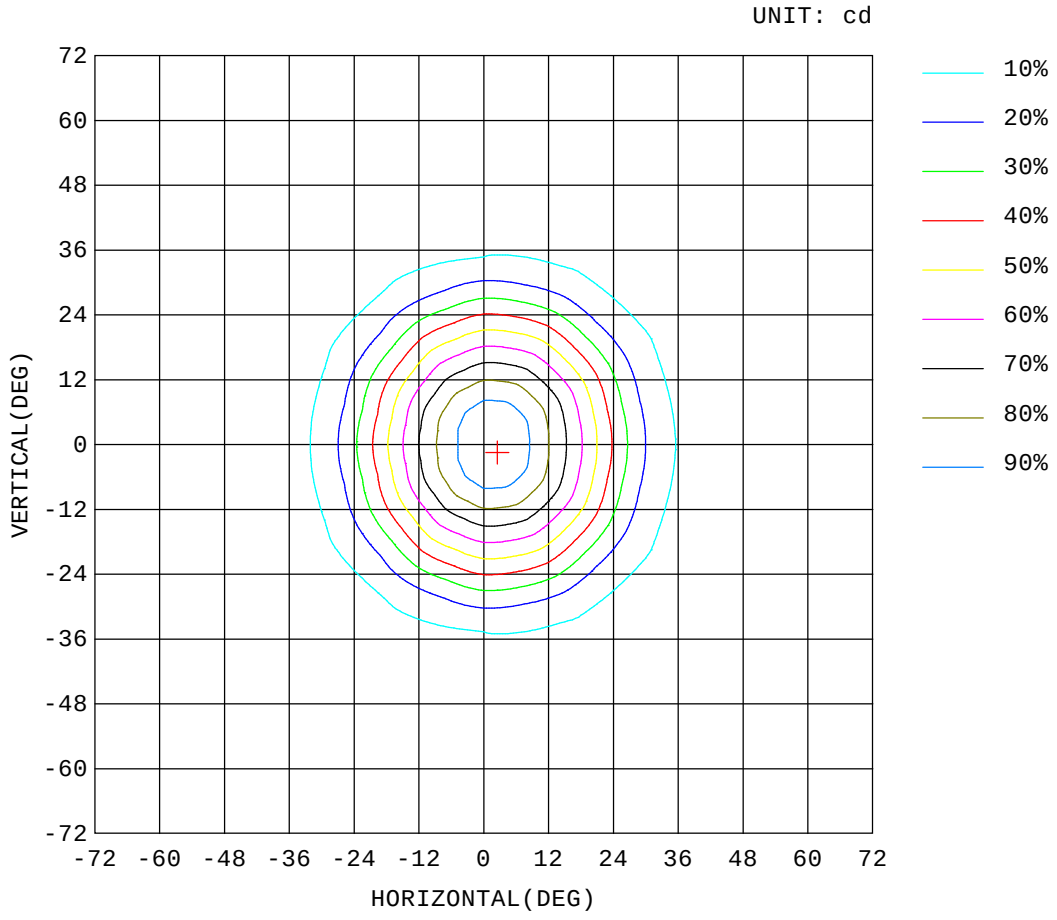
LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	375	341
80	234	217
75	193	179
70	186	171
65	192	176
60	214	191
55	240	223
50	293	273
45	406	369

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:2023年11月18日 **Remarks:**

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802



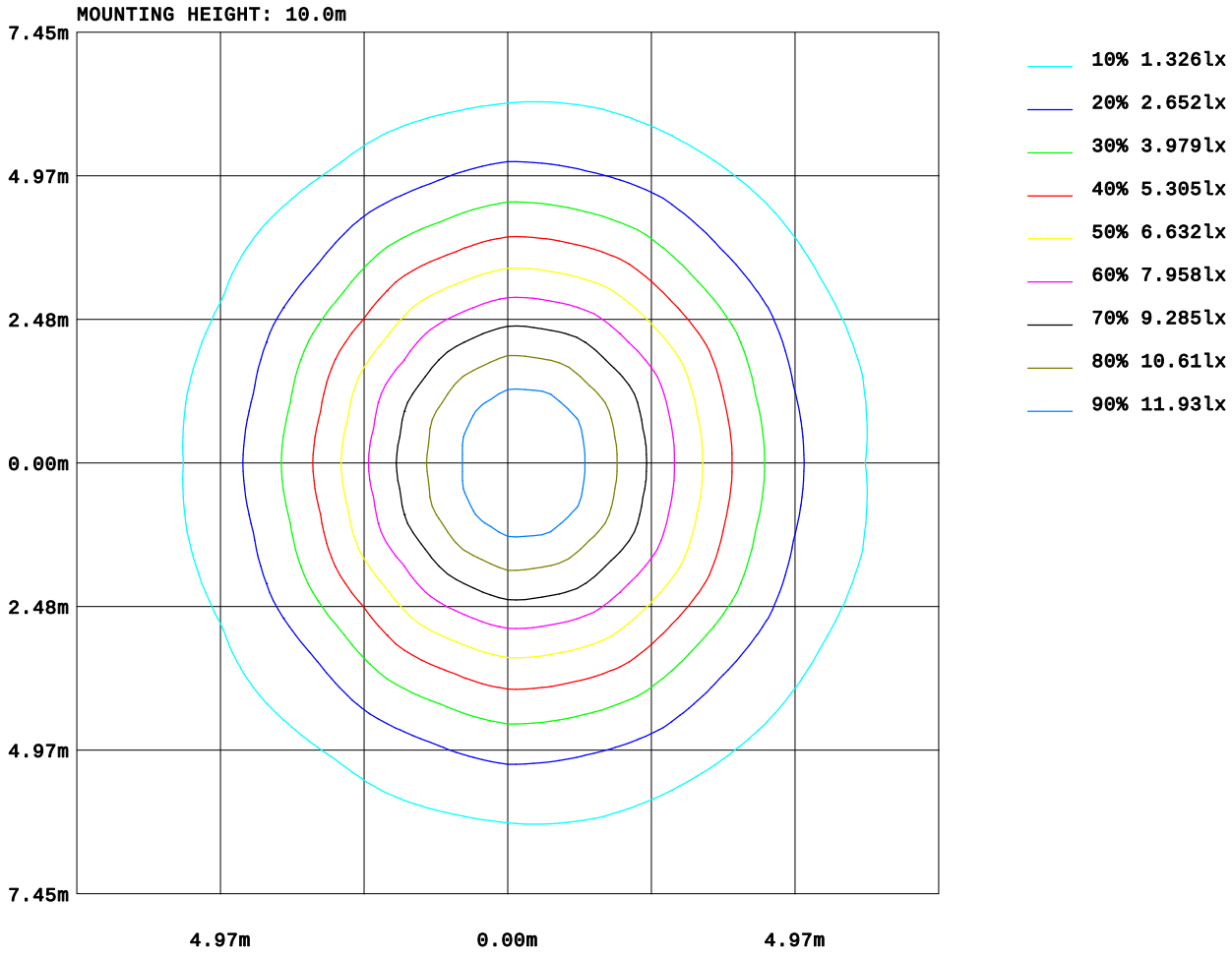
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18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: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802

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	0.04	0.07	0.09	0.10	0.14	0.18	0.19	0.20	0.24	0.24	0.21	0.20	0.20	0.16	0.12	0.10	0.08	0.05	2.60	0.00
64	0.04	0.08	0.11	0.14	0.18	0.25	0.29	0.31	0.36	0.36	0.32	0.30	0.28	0.21	0.16	0.13	0.09	0.05	3.65	0.00
56	0.05	0.09	0.14	0.18	0.24	0.35	0.44	0.48	0.57	0.58	0.51	0.48	0.40	0.29	0.22	0.17	0.11	0.06	5.34	0.00
48	0.05	0.10	0.17	0.24	0.34	0.50	0.70	0.86	1.06	1.11	0.97	0.83	0.59	0.40	0.30	0.21	0.12	0.06	8.61	0.00
40	0.06	0.11	0.19	0.32	0.48	0.77	1.29	1.79	2.30	2.46	2.09	1.58	0.98	0.61	0.40	0.24	0.14	0.07	15.8	2.81
32	0.06	0.12	0.22	0.39	0.71	1.28	2.44	4.44	6.41	6.88	5.50	3.25	1.68	0.96	0.51	0.28	0.15	0.08	35.4	27.3
24	0.07	0.13	0.24	0.46	1.00	2.13	4.99	9.42	12.8	13.6	11.3	6.74	3.04	1.35	0.62	0.31	0.17	0.09	68.6	62.6
	0.08	0.15	0.28	0.54	1.22	3.21	8.02	14.2	19.1	20.1	16.7	10.6	4.74	1.71	0.75	0.35	0.19	0.10	102	96.9
	0.08	0.16	0.31	0.63	1.46	3.99	9.82	17.2	23.0	24.5	19.9	12.6	5.81	2.03	0.87	0.39	0.21	0.10	123	118
	0.08	0.16	0.31	0.63	1.46	3.99	9.82	17.2	23.0	24.5	19.9	12.6	5.81	2.03	0.87	0.39	0.21	0.10	123	118
	0.08	0.15	0.28	0.54	1.22	3.21	8.02	14.2	19.1	20.1	16.7	10.6	4.74	1.71	0.75	0.35	0.19	0.10	102	96.9
-24	0.07	0.13	0.24	0.46	1.00	2.13	4.99	9.42	12.8	13.6	11.3	6.74	3.04	1.35	0.62	0.31	0.17	0.09	68.6	62.6
-32	0.06	0.12	0.22	0.39	0.71	1.28	2.44	4.44	6.41	6.88	5.50	3.25	1.68	0.96	0.51	0.28	0.15	0.08	35.4	27.3
-40	0.06	0.11	0.19	0.32	0.48	0.77	1.29	1.79	2.30	2.46	2.09	1.58	0.98	0.61	0.40	0.24	0.14	0.07	15.8	2.81
-48	0.05	0.10	0.17	0.24	0.34	0.50	0.70	0.86	1.06	1.11	0.97	0.83	0.59	0.40	0.30	0.21	0.12	0.06	8.61	0.00
-56	0.05	0.09	0.14	0.18	0.24	0.35	0.44	0.48	0.57	0.58	0.51	0.48	0.40	0.29	0.22	0.17	0.11	0.06	5.34	0.00
-64	0.04	0.08	0.11	0.14	0.18	0.25	0.29	0.31	0.36	0.36	0.32	0.30	0.28	0.21	0.16	0.13	0.09	0.05	3.65	0.00
-72	0.04	0.07	0.09	0.10	0.14	0.18	0.19	0.20	0.24	0.24	0.21	0.20	0.20	0.16	0.12	0.10	0.08	0.05	2.60	0.00
HORIZONTAL(DEG)																				
F t	1.07	1.98	3.47	6.00	11.5	25.3	56.3	97.9	132	140	115	73.5	35.4	15.4	7.88	4.36	2.49	1.32	741	
F a	0.00	0.00	0.00	0.00	0.00	15.3	48.0	90.8	125	133	108	65.7	26.8	2.86	0.00	0.00	0.00	0.00		616

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18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

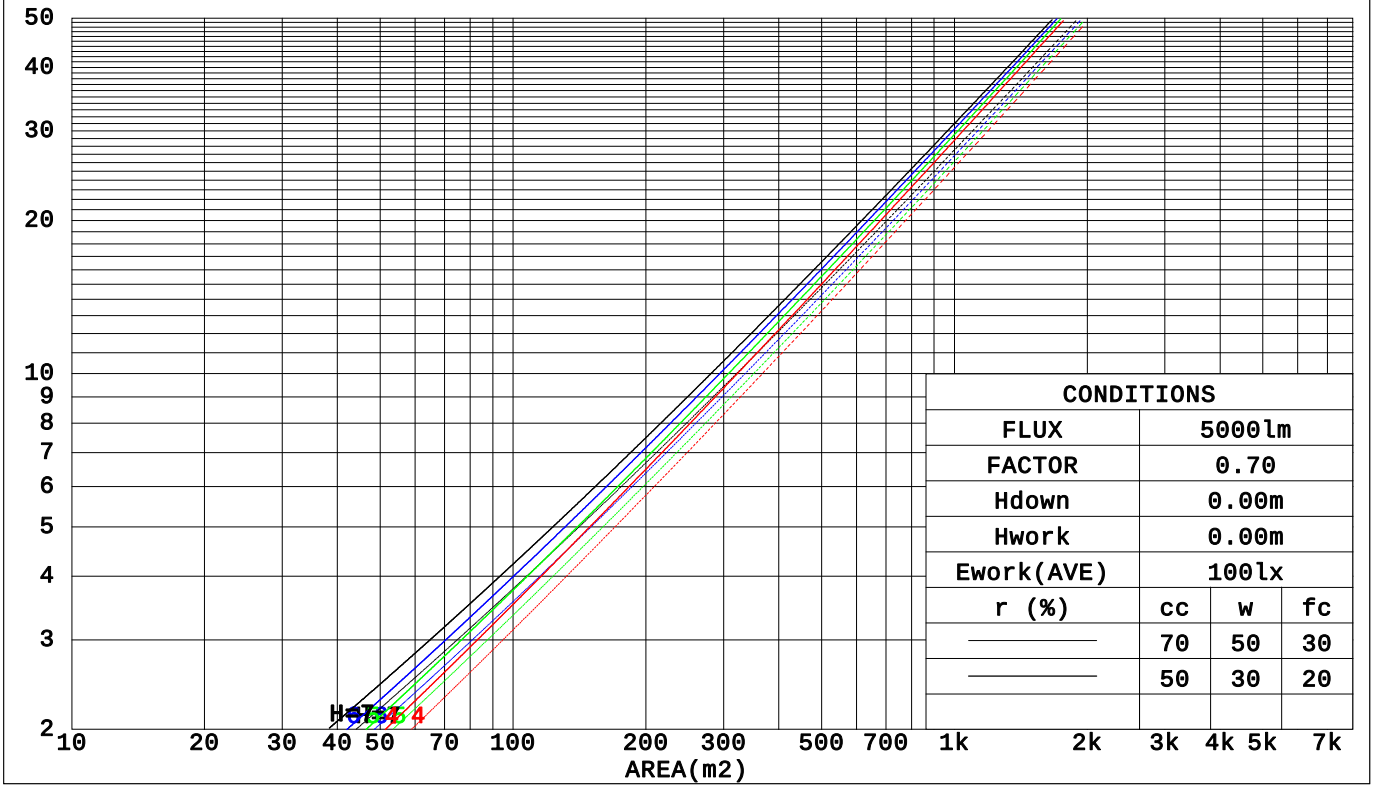
Report number:

MANUFACTURER:	Address:	
NAME: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802

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	1.10	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	.95	.92	.95	.92	.90	.92	.90	.88	.86
3.0	.96	.91	.87	.95	.90	.86	.92	.88	.85	.89	.86	.84	.87	.85	.82	.81
4.0	.90	.85	.80	.89	.84	.80	.87	.82	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.77	.74	.80	.76	.73	.79	.75	.73	.71
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.70	.77	.72	.69	.75	.71	.69	.67
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.66	.73	.69	.65	.72	.68	.65	.64
8.0	.72	.66	.63	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.60
9.0	.69	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.66	.62	.59	.57
10.0	.66	.60	.56	.65	.60	.56	.64	.60	.56	.64	.59	.56	.63	.59	.56	.55

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18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: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802

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	.097	.031	.157	.090	.029	.146	.085	.027	
2.0	.175	.096	.029	.169	.093	.029	.159	.088	.027	.149	.084	.026	.140	.079	.025	
3.0	.164	.087	.026	.159	.085	.026	.150	.081	.025	.142	.078	.024	.134	.074	.023	
4.0	.154	.080	.024	.150	.078	.023	.142	.075	.022	.135	.072	.022	.128	.070	.021	
5.0	.145	.074	.021	.142	.073	.021	.135	.070	.021	.129	.068	.020	.123	.066	.020	
6.0	.137	.069	.020	.134	.068	.020	.128	.066	.019	.123	.064	.019	.118	.062	.018	
7.0	.130	.064	.018	.128	.064	.018	.122	.062	.018	.117	.060	.018	.113	.059	.017	
8.0	.124	.061	.017	.122	.060	.017	.117	.058	.017	.113	.057	.016	.108	.056	.016	
9.0	.118	.057	.016	.116	.057	.016	.112	.055	.016	.108	.054	.015	.104	.053	.015	
10.0	.113	.054	.015	.111	.054	.015	.107	.053	.015	.104	.052	.015	.100	.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	.123	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.133	.099	.072	.114	.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	.116	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.037	.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	.093	.054	.028	.080	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18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: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802

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	4.3	5.2	4.5	5.3	5.5	4.1	5.0	4.3	5.2	5.4
3H	4.8	5.7	5.1	5.9	6.1	4.6	5.5	4.9	5.7	5.9
4H	5.2	6.0	5.5	6.2	6.5	4.9	5.7	5.2	6.0	6.2
6H	5.7	6.4	6.0	6.7	6.9	5.4	6.1	5.7	6.4	6.6
8H	6.0	6.7	6.3	7.0	7.2	5.6	6.4	6.0	6.6	6.9
12H	6.4	7.1	6.7	7.3	7.6	6.0	6.7	6.3	7.0	7.3
4H 2H	4.4	5.2	4.7	5.4	5.6	4.2	5.1	4.5	5.3	5.5
3H	5.2	5.9	5.5	6.2	6.5	5.0	5.7	5.3	6.0	6.3
4H	5.7	6.4	6.1	6.7	7.0	5.5	6.1	5.8	6.4	6.7
6H	6.3	6.9	6.7	7.3	7.6	6.1	6.6	6.4	7.0	7.3
8H	6.7	7.3	7.1	7.6	8.0	6.4	7.0	6.8	7.3	7.7
12H	7.2	7.7	7.7	8.1	8.5	6.9	7.4	7.3	7.8	8.1
8H 4H	5.9	6.4	6.3	6.8	7.2	5.7	6.2	6.1	6.6	6.9
6H	6.8	7.2	7.2	7.6	8.0	6.5	6.9	6.9	7.3	7.7
8H	7.3	7.7	7.8	8.1	8.6	7.0	7.4	7.5	7.8	8.3
12H	8.0	8.3	8.4	8.7	9.2	7.6	8.0	8.1	8.4	8.9
12H 4H	5.9	6.4	6.3	6.8	7.2	5.7	6.2	6.1	6.6	7.0
6H	6.9	7.2	7.3	7.7	8.1	6.6	7.0	7.0	7.4	7.9
8H	7.5	7.8	7.9	8.3	8.7	7.2	7.5	7.7	8.0	8.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.6					+ 0.7 / - 0.6				
1.5H	+ 1.2 / - 0.5					+ 1.2 / - 0.5				
2.0H	+ 1.1 / - 0.6					+ 0.9 / - 0.5				

CIE Pub.117 Corrected 740.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.0)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18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: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802

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	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	102	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	

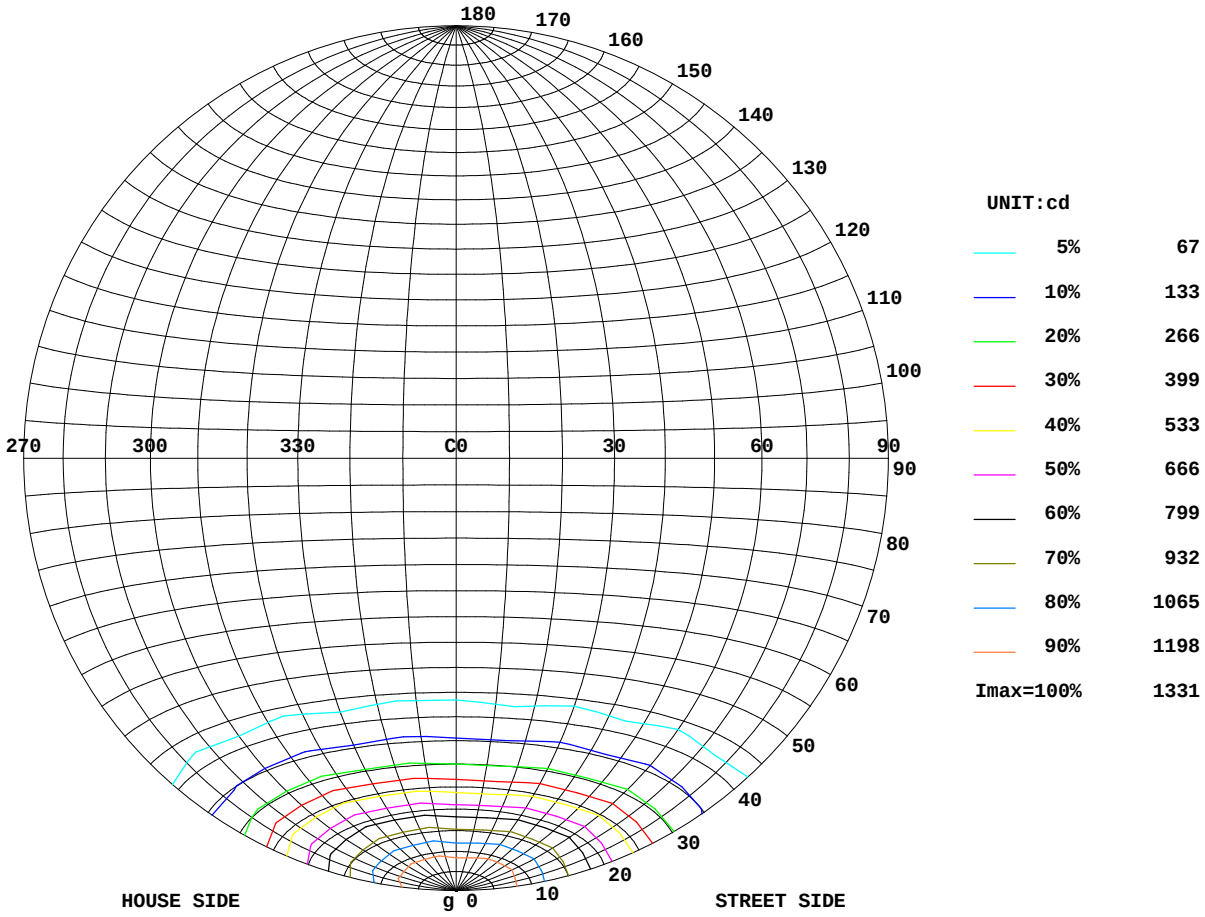
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

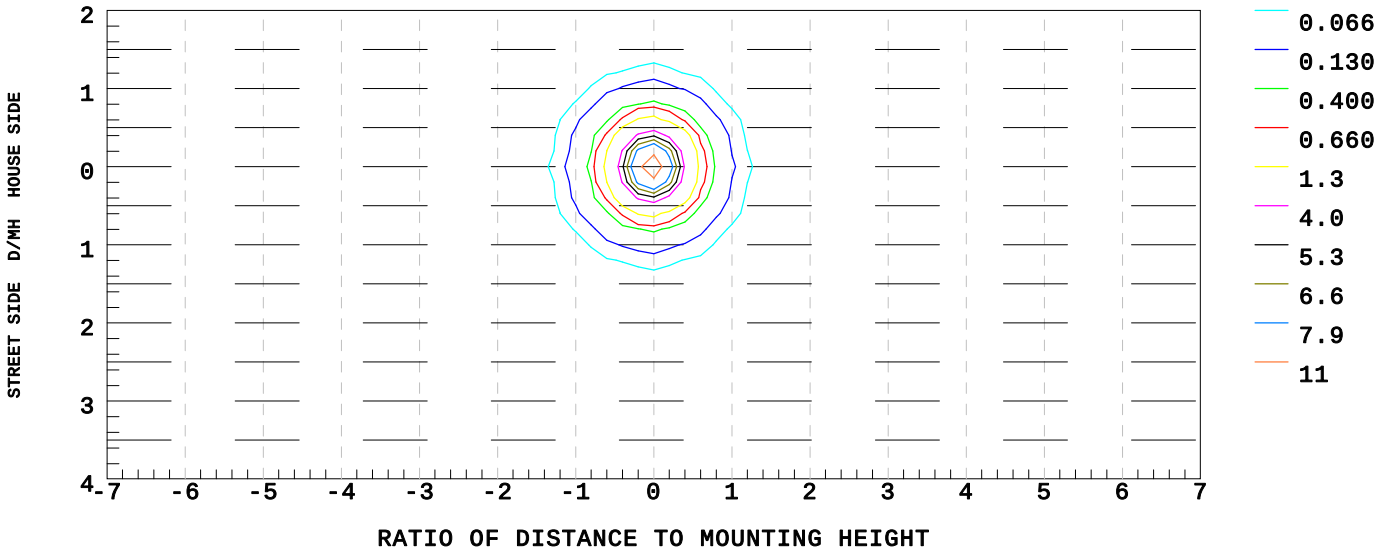
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

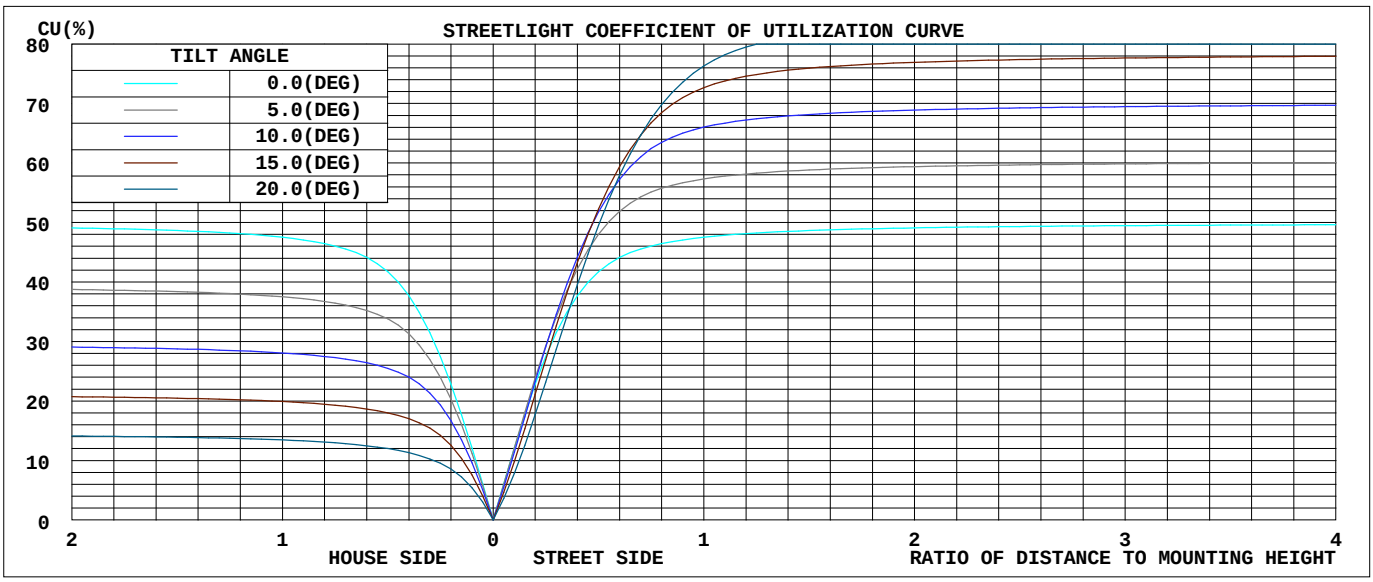
ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802

ILLUMINANCE AT MH=10 m,Enadir = 13.18 lx





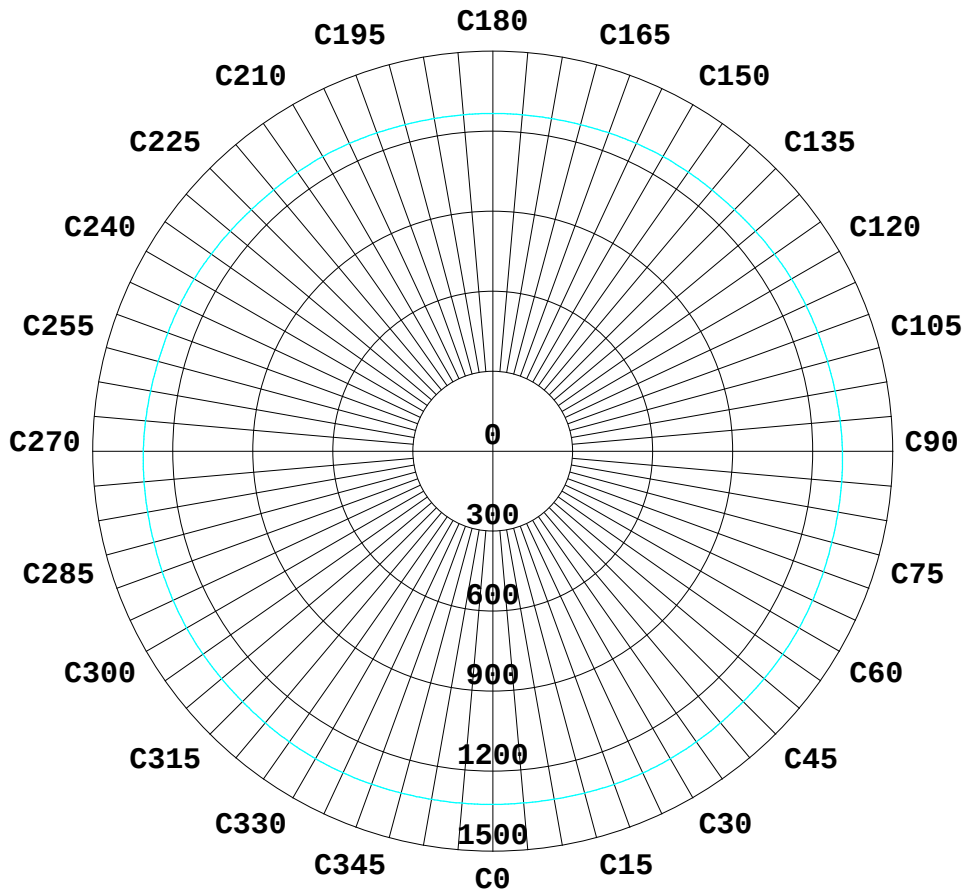
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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: HCP1021011/1031011	TYPE:HCP1021011/1031011	WEIGHT:
SPECIFICATION:	DIMENSION: 1	SERIAL No.:2023092802



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18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: HCP1021011/1031011	**TYPE:HCP1021011/1031011**	**WEIGHT:**
SPECIFICATION:	**DIMENSION: 1**	**SERIAL No.:2023092802**

UNIT: cd

C(DEG) / g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1318	1315	1315	1312	1310	1303	1301	1298	1299	1297	1298	1297	1299	1297	1298
5.0	1290	1296	1307	1302	1303	1286	1278	1255	1246	1219	1211	1193	1189	1193	1211
10.0	1144	1153	1169	1162	1163	1145	1134	1103	1089	1057	1045	1021	1016	1021	1045
15.0	943	951	974	965	969	946	935	898	879	838	824	794	795	794	824
20.0	718	713	751	737	757	724	722	670	659	601	593	548	562	548	593
25.0	473	473	505	502	523	501	495	448	425	376	365	333	338	333	365
30.0	265	262	285	279	296	280	276	247	227	241	192	176	180	176	192
35.0	136	138	138	142	137	140	132	121	123	103	108	95.3	104	95.3	108
40.0	88.4	82.4	89.7	82.5	90.0	81.2	84.0	72.7	74.9	64.3	67.6	59.7	65.5	59.7	67.6
45.0	57.4	52.4	57.9	51.5	56.5	49.2	52.1	43.9	46.4	39.3	42.3	36.8	41.4	36.8	42.3
50.0	37.6	33.8	38.0	33.4	37.1	32.1	35.0	29.5	32.1	27.0	29.7	25.7	29.4	25.7	29.7
55.0	27.5	24.4	27.6	23.8	26.6	22.7	25.5	21.6	24.0	20.1	22.5	19.2	22.2	19.2	22.5
60.0	21.4	18.6	21.3	17.7	19.9	16.6	19.0	15.8	18.0	14.7	16.8	14.0	16.5	14.0	16.8
65.0	16.2	14.0	16.3	13.3	15.3	12.6	14.9	12.3	14.2	11.5	13.3	10.9	13.1	10.9	13.3
70.0	12.7	10.6	12.6	10.2	12.0	9.79	11.7	9.34	11.0	8.83	10.5	8.51	10.3	8.51	10.5
75.0	9.98	8.12	9.85	7.93	9.53	7.61	9.28	7.23	8.70	6.84	8.38	6.65	8.19	6.65	8.38
80.0	8.12	6.46	8.00	6.33	7.74	6.08	7.55	5.76	7.10	5.44	6.78	5.24	6.72	5.24	6.78
85.0	6.52	5.12	6.40	4.92	6.20	4.73	5.95	4.48	5.63	4.16	5.37	4.09	5.31	4.09	5.37
90.0	4.99	4.09	4.86	3.96	4.73	3.84	4.54	3.71	4.48	3.71	4.41	3.64	4.48	3.64	4.41

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:2023年11月18日 **Remarks:**

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	**Address:**	
NAME: HCP1021011/1031011	**TYPE:HCP1021011/1031011**	**WEIGHT:**
SPECIFICATION:	**DIMENSION: 1**	**SERIAL No.:2023092802**

UNIT: cd

C(DEG) / g (DEG)	225	240	255	270	285	300	315	330	345
0.0	1297	1299	1298	1301	1303	1310	1312	1315	1315
5.0	1219	1246	1255	1278	1286	1303	1302	1307	1296
10.0	1057	1089	1103	1134	1145	1163	1162	1169	1153
15.0	838	879	898	935	946	969	965	974	951
20.0	601	659	670	722	724	757	737	751	713
25.0	376	425	448	495	501	523	502	505	473
30.0	241	227	247	276	280	296	279	285	262
35.0	103	123	121	132	140	137	142	138	138
40.0	64.3	74.9	72.7	84.0	81.2	90.0	82.5	89.7	82.4
45.0	39.3	46.4	43.9	52.1	49.2	56.5	51.5	57.9	52.4
50.0	27.0	32.1	29.5	35.0	32.1	37.1	33.4	38.0	33.8
55.0	20.1	24.0	21.6	25.5	22.7	26.6	23.8	27.6	24.4
60.0	14.7	18.0	15.8	19.0	16.6	19.9	17.7	21.3	18.6
65.0	11.5	14.2	12.3	14.9	12.6	15.3	13.3	16.3	14.0
70.0	8.83	11.0	9.34	11.7	9.79	12.0	10.2	12.6	10.6
75.0	6.84	8.70	7.23	9.28	7.61	9.53	7.93	9.85	8.12
80.0	5.44	7.10	5.76	7.55	6.08	7.74	6.33	8.00	6.46
85.0	4.16	5.63	4.48	5.95	4.73	6.20	4.92	6.40	5.12
90.0	3.71	4.48	3.71	4.54	3.84	4.73	3.96	4.86	4.09

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:2023年11月18日 **Remarks:**