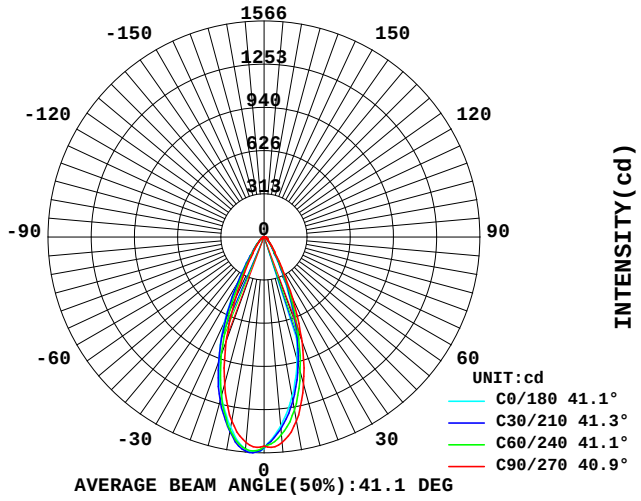
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

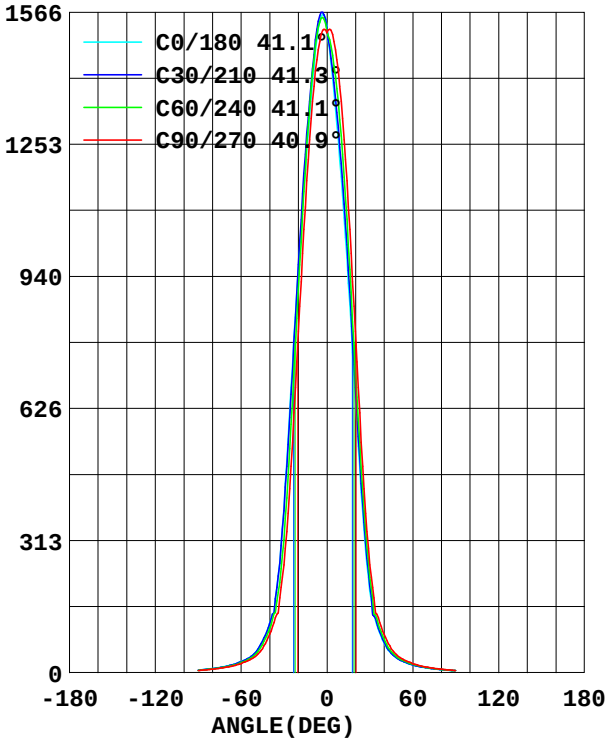
DATA OF LAMP		Imax(cd)	1566	S/MH(C0/180)	0.73
MODEL	5000K	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.65
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	866.33	Voltage(V)	225.6
RATED VOLTAGE(V)	226	EFFICIENCY(lm/W)	79.6	Current(A)	0.054
NOMINAL FLUX(lm)	866.3	h up(%)	0.0	Power(W)	10.89
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	0.887
TEST VOLTAGE(V)	225.7	Effictive Flux(lm)	720.7	EEI	0.185

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(50%):41.1 DEG

LUMINOUS INTENSITY DISTRIBUTION



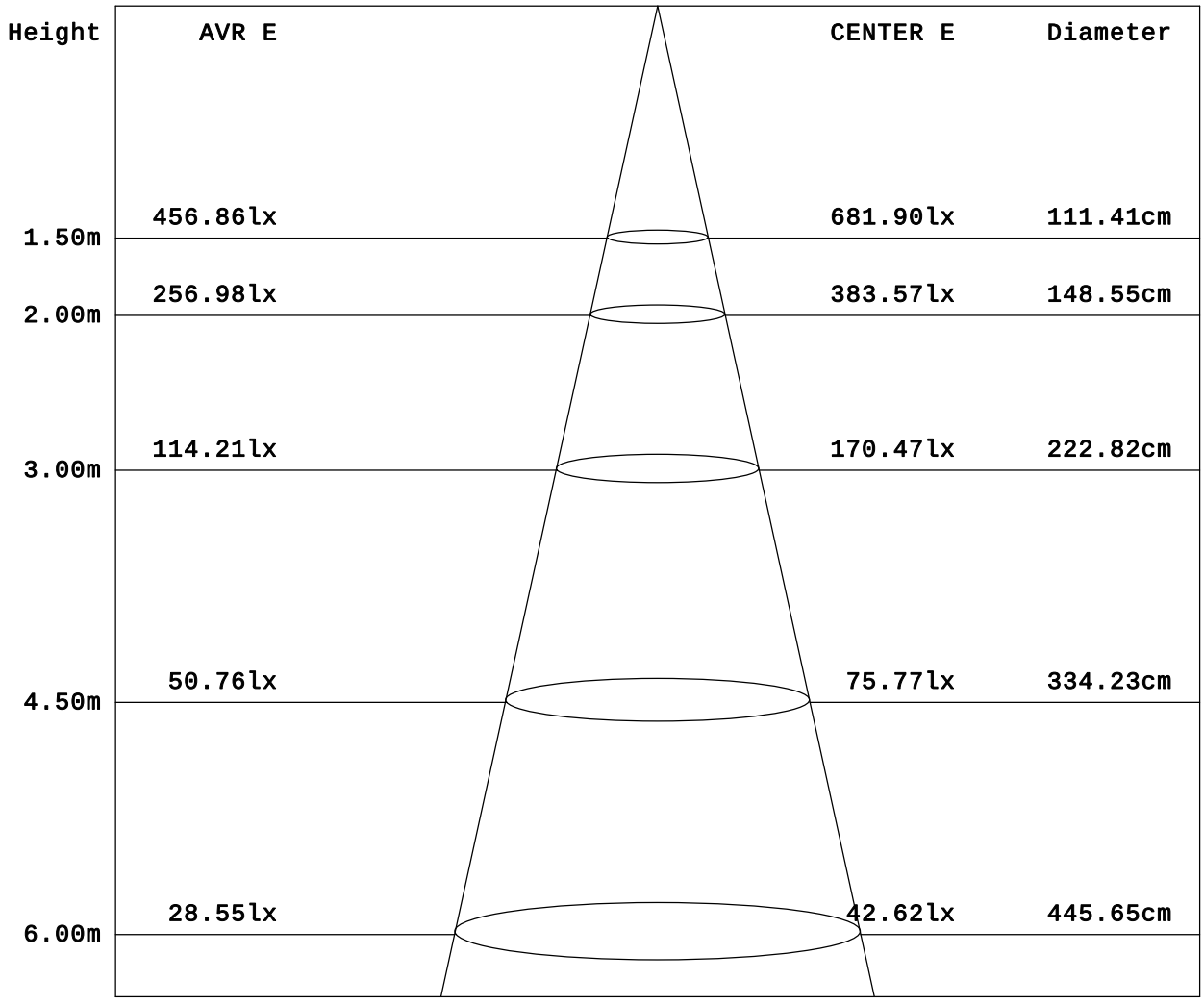
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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:40.7deg

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	1545	1548	1497	1406	1379	1406	1497	1548	0- 5	35.98	35.98
10.0	1403	1428	1354	1225	1175	1225	1354	1428	5- 10	100.2	136.2
15.0	1193	1204	1104	962.8	923.5	962.8	1104	1204	10- 15	142.7	279.0
20.0	959.7	914.2	809.2	665.8	652.9	665.8	809.2	914.2	15- 20	155.0	434.0
25.0	675.7	614.7	489.5	399.6	381.3	399.6	489.5	614.7	20- 25	135.9	569.9
30.0	389.3	339.9	255.2	238.2	193.4	238.2	255.2	339.9	25- 30	96.53	666.5
35.0	202.0	174.9	138.4	110.4	113.0	110.4	138.4	174.9	30- 35	60.01	726.5
40.0	116.7	101.7	90.62	68.54	70.08	68.54	90.62	101.7	35- 40	38.11	764.6
45.0	75.19	64.83	56.63	42.55	44.99	42.55	56.63	64.83	40- 45	26.32	790.9
50.0	48.00	41.27	38.65	29.56	32.06	29.56	38.65	41.27	45- 50	18.47	809.4
55.0	33.98	29.05	28.54	22.14	24.06	22.14	28.54	29.05	50- 55	13.79	823.2
60.0	26.04	22.01	21.24	16.12	17.92	16.12	21.24	22.01	55- 60	10.90	834.1
65.0	19.64	16.32	16.64	12.48	14.14	12.48	16.64	16.32	60- 65	8.669	842.8
70.0	15.36	12.48	12.99	9.599	11.13	9.599	12.99	12.48	65- 70	6.955	849.7
75.0	11.96	9.599	10.17	7.424	8.896	7.424	10.17	9.599	70- 75	5.584	855.3
80.0	9.599	7.552	8.191	5.824	7.168	5.824	8.191	7.552	75- 80	4.497	859.8
85.0	7.680	5.888	6.464	4.416	5.568	4.416	6.464	5.888	80- 85	3.604	863.4
90.0	5.824	4.672	4.864	4.032	4.864	4.032	4.864	4.672	85- 90	2.858	866.3
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:

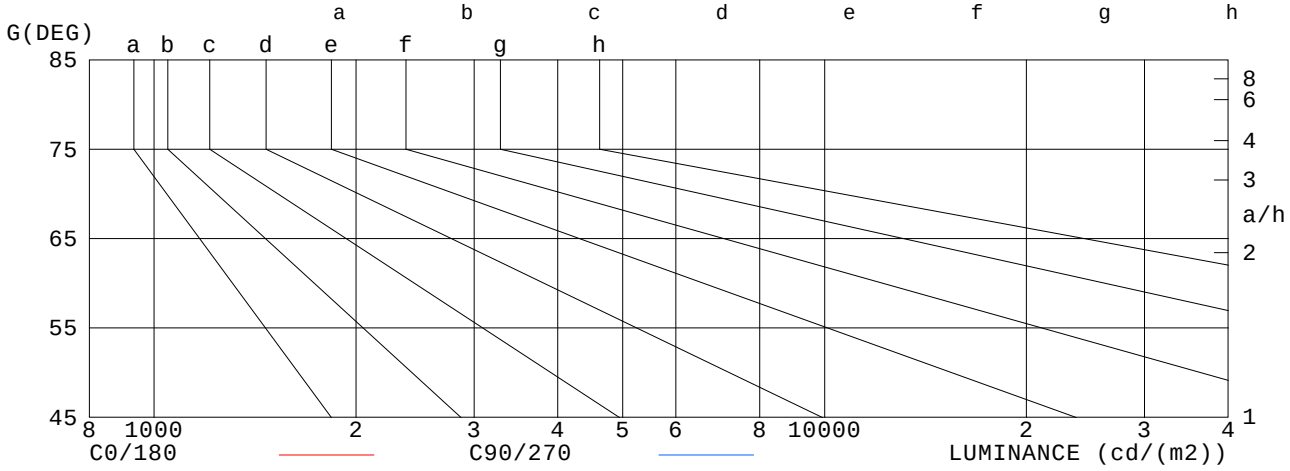
LUMINANCE LIMITATION CURVES

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



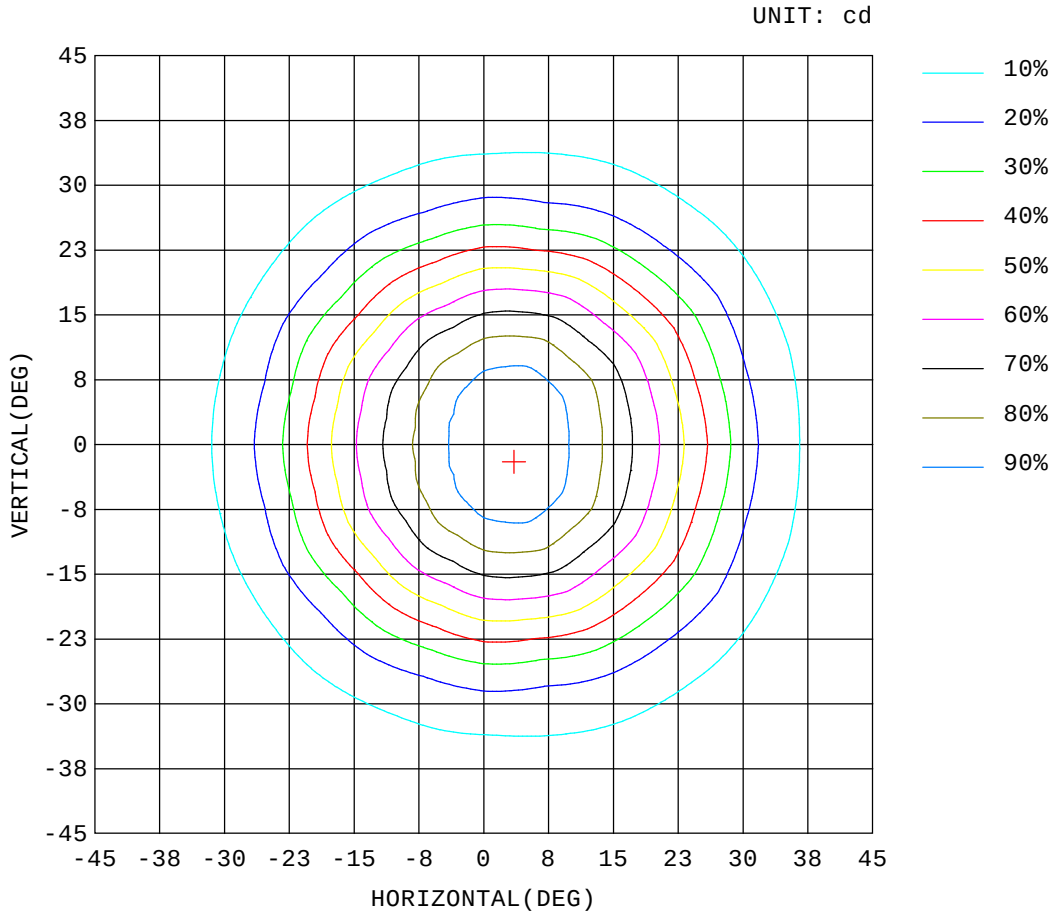
LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	441	371
80	276	236
75	231	197
70	225	190
65	232	197
60	260	212
55	296	249
50	373	301
45	532	401

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



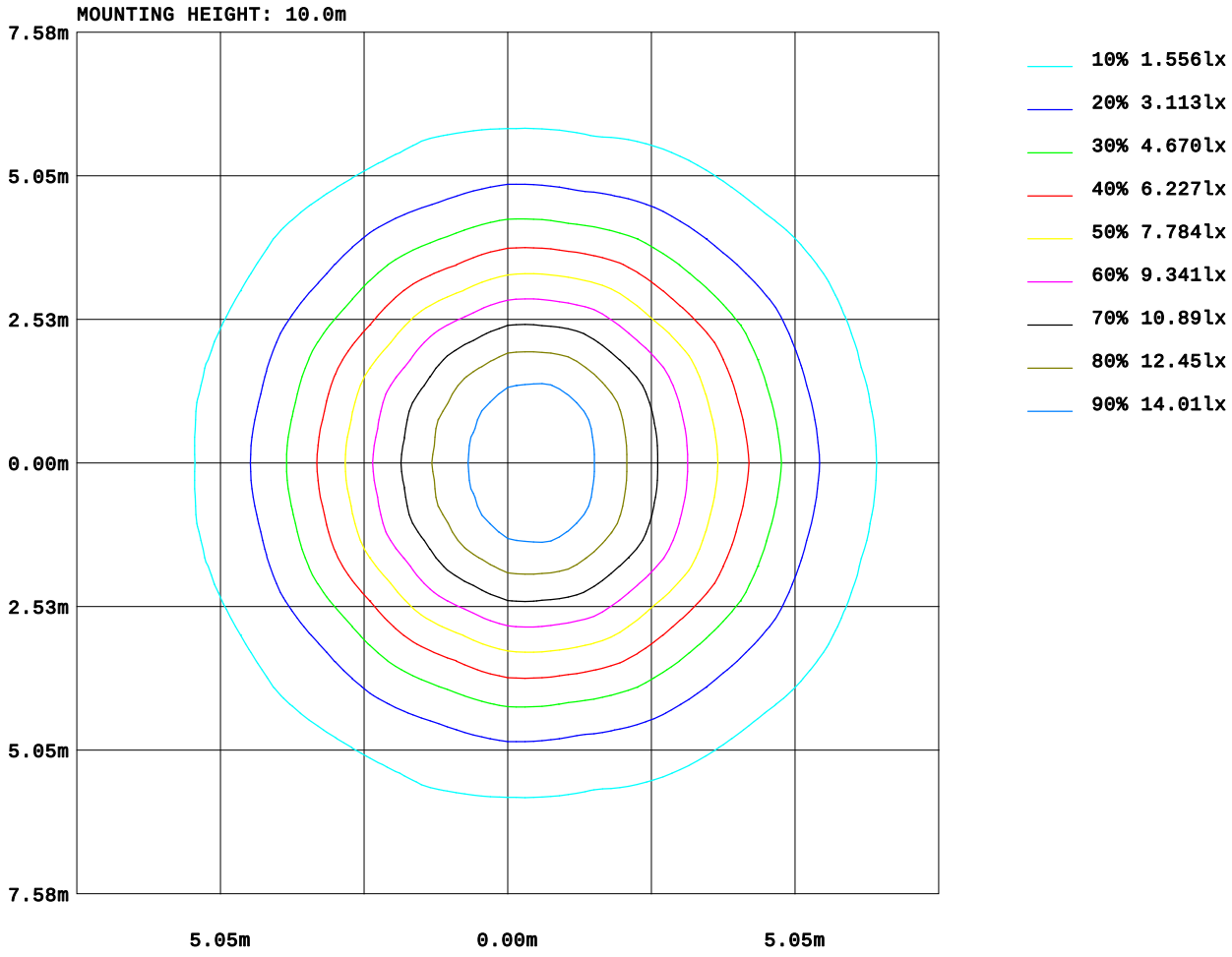
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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)	-45	-40	-35	-30	-25	-20	-15	-10	10	15	20	25	30	35	40	45	F t	F a
45	0.12	0.14	0.18	0.23	0.30	0.35	0.40	0.46	0.53	0.55	0.52	0.49	0.45	0.39	0.31	0.24	0.19	0.16	5.99	0.00
40	0.14	0.18	0.22	0.30	0.41	0.53	0.63	0.72	0.83	0.86	0.82	0.76	0.69	0.57	0.43	0.32	0.25	0.19	8.85	0.00
35	0.16	0.22	0.29	0.41	0.58	0.80	0.98	1.20	1.39	1.45	1.40	1.25	1.05	0.82	0.61	0.45	0.33	0.24	13.6	5.41
30	0.19	0.27	0.39	0.57	0.82	1.21	1.74	2.20	2.60	2.75	2.56	2.29	1.80	1.30	0.86	0.62	0.44	0.28	22.9	17.7
25	0.21	0.33	0.52	0.78	1.25	2.02	3.00	3.87	4.62	4.91	4.66	4.07	3.05	2.08	1.33	0.82	0.54	0.34	38.4	34.4
20	0.23	0.38	0.64	1.02	1.89	3.07	4.56	5.89	6.89	7.34	7.05	6.10	4.66	3.23	1.96	1.08	0.63	0.39	57.0	53.7
15	0.25	0.43	0.72	1.37	2.60	4.29	6.03	7.75	8.94	9.48	9.12	7.87	6.26	4.38	2.60	1.41	0.73	0.44	74.7	71.9
	0.29	0.48	0.83	1.65	3.14	5.17	7.23	9.01	10.4	11.0	10.5	9.20	7.33	5.19	3.13	1.67	0.83	0.49	87.7	85.1
	0.31	0.53	0.91	1.85	3.51	5.62	7.72	9.57	11.0	11.7	11.1	9.63	7.77	5.66	3.50	1.81	0.89	0.52	93.7	91.2
	0.31	0.53	0.91	1.85	3.51	5.62	7.72	9.57	11.0	11.7	11.1	9.63	7.77	5.66	3.50	1.81	0.89	0.52	93.7	91.2
	0.29	0.48	0.83	1.65	3.14	5.17	7.23	9.01	10.4	11.0	10.5	9.20	7.33	5.19	3.13	1.67	0.83	0.49	87.7	85.1
-15	0.25	0.43	0.72	1.37	2.60	4.29	6.03	7.75	8.94	9.48	9.12	7.87	6.26	4.38	2.60	1.41	0.73	0.44	74.7	71.9
-20	0.23	0.38	0.64	1.02	1.89	3.07	4.56	5.89	6.89	7.34	7.05	6.10	4.66	3.23	1.96	1.08	0.63	0.39	57.0	53.7
-25	0.21	0.33	0.52	0.78	1.25	2.02	3.00	3.87	4.62	4.91	4.66	4.07	3.05	2.08	1.33	0.82	0.54	0.34	38.4	34.4
-30	0.19	0.27	0.39	0.57	0.82	1.21	1.74	2.20	2.60	2.75	2.56	2.29	1.80	1.30	0.86	0.62	0.44	0.28	22.9	17.7
-35	0.16	0.22	0.29	0.41	0.58	0.80	0.98	1.20	1.39	1.45	1.40	1.25	1.05	0.82	0.61	0.45	0.33	0.24	13.6	5.41
-40	0.14	0.18	0.22	0.30	0.41	0.53	0.63	0.72	0.83	0.86	0.82	0.76	0.69	0.57	0.43	0.32	0.25	0.19	8.85	0.00
-45	0.12	0.14	0.18	0.23	0.30	0.35	0.40	0.46	0.53	0.55	0.52	0.49	0.45	0.39	0.31	0.24	0.19	0.16	5.99	0.00
HORIZONTAL(DEG)																				
F t	3.78	5.90	9.41	16.3	29.0	46.1	64.6	81.4	94.4	100	95.7	83.4	66.2	47.3	29.5	16.8	9.65	6.07	866	
F a	0.00	0.00	0.73	10.2	24.0	41.8	60.7	77.9	91.0	97.0	92.6	80.0	62.4	43.1	24.9	11.1	1.11	0.00		721

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

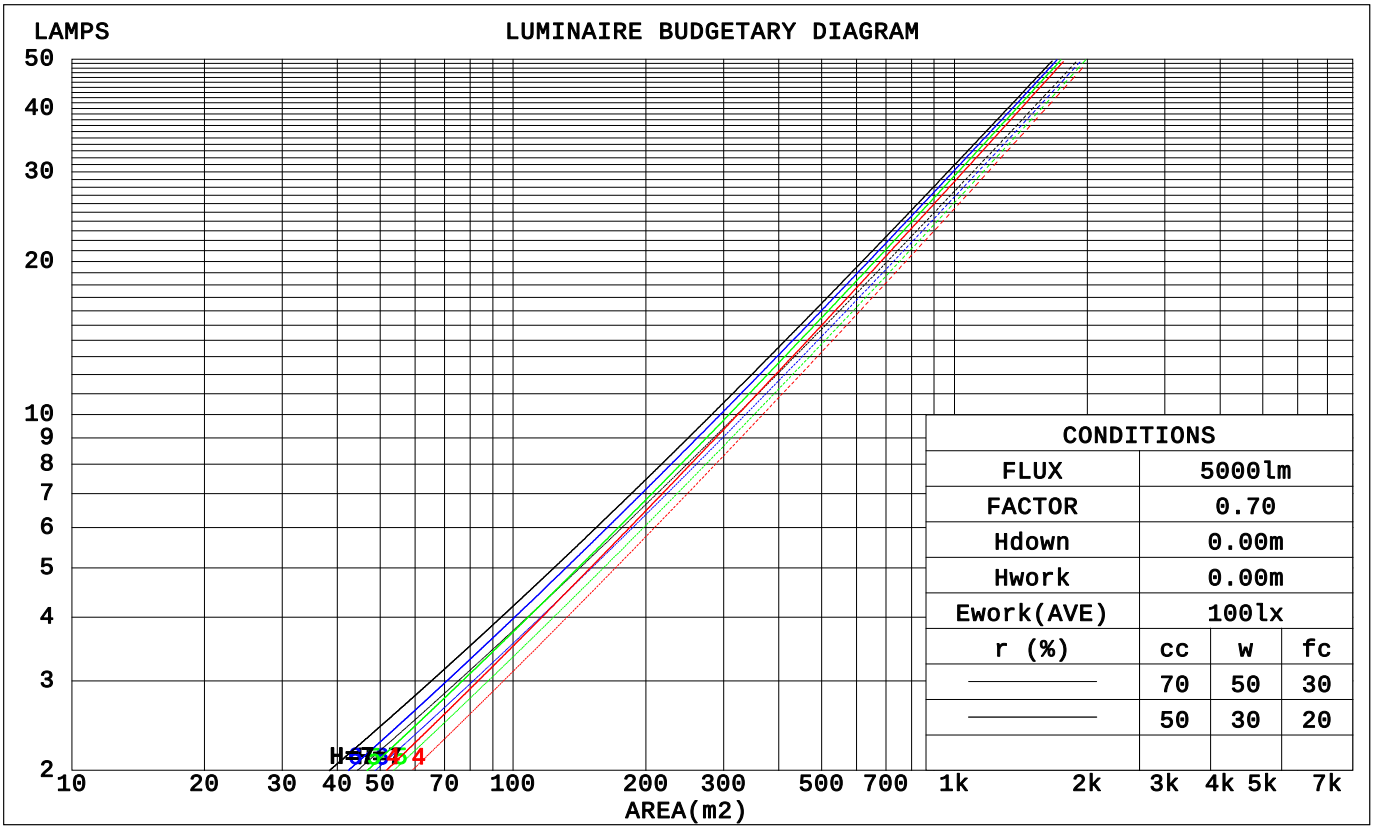
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

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	.00
1.0	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.95	1.01	.97	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.87
3.0	.96	.91	.87	.95	.90	.86	.92	.88	.85	.90	.86	.84	.87	.85	.82	.81
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.77	.74	.79	.76	.73	.71
6.0	.80	.75	.71	.80	.74	.70	.78	.73	.70	.77	.73	.69	.75	.72	.69	.67
7.0	.76	.71	.66	.76	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.64
8.0	.72	.67	.63	.72	.67	.63	.71	.66	.62	.70	.65	.62	.69	.65	.62	.61
9.0	.69	.63	.60	.69	.63	.60	.68	.63	.59	.67	.62	.59	.66	.62	.59	.58
10.0	.66	.60	.57	.65	.60	.57	.65	.60	.57	.64	.60	.56	.63	.59	.56	.55



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	.186	.106	.034	.180	.102	.033	.167	.096	.031	.155	.090	.029	.145	.084	.027	
2.0	.174	.095	.029	.168	.093	.029	.158	.088	.027	.148	.083	.026	.139	.079	.025	
3.0	.163	.087	.026	.158	.085	.025	.149	.081	.025	.141	.077	.024	.133	.074	.023	
4.0	.153	.080	.023	.149	.078	.023	.141	.075	.022	.134	.072	.022	.127	.069	.021	
5.0	.144	.074	.021	.141	.072	.021	.134	.070	.021	.128	.067	.020	.122	.065	.020	
6.0	.137	.068	.020	.133	.067	.019	.127	.065	.019	.122	.063	.019	.117	.061	.018	
7.0	.130	.064	.018	.127	.063	.018	.122	.061	.018	.117	.060	.017	.112	.058	.017	
8.0	.123	.060	.017	.121	.059	.017	.116	.058	.017	.112	.057	.016	.108	.055	.016	
9.0	.118	.057	.016	.115	.056	.016	.111	.055	.016	.107	.054	.015	.104	.053	.015	
10.0	.112	.054	.015	.110	.053	.015	.107	.052	.015	.103	.051	.015	.100	.050	.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	.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	.078	.085	.068	.054	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.085	.063	.079	.060	.044	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.107	.075	.052	.073	.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	.109	.070	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.103	.064	.037	.089	.055	.032	.061	.039	.023	.036	.023	.014	.012	.008	.004	
9.0	.098	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.056	.033	.017	.032	.019	.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	5.3	6.3	5.6	6.4	6.6	4.3	5.2	4.5	5.4	5.5
3H	5.9	6.7	6.1	6.9	7.1	4.8	5.7	5.1	5.9	6.1
4H	6.2	7.0	6.5	7.2	7.5	5.2	6.0	5.4	6.2	6.4
6H	6.6	7.4	6.9	7.6	7.9	5.6	6.4	5.9	6.6	6.8
8H	6.9	7.7	7.2	7.9	8.2	5.9	6.6	6.2	6.9	7.1
12H	7.3	8.0	7.6	8.2	8.5	6.2	6.9	6.5	7.2	7.5
4H 2H	5.4	6.3	5.7	6.5	6.7	4.5	5.3	4.8	5.5	5.8
3H	6.2	6.9	6.5	7.2	7.5	5.3	6.0	5.6	6.3	6.6
4H	6.7	7.3	7.0	7.6	7.9	5.8	6.4	6.1	6.7	7.0
6H	7.3	7.8	7.6	8.2	8.5	6.4	6.9	6.7	7.3	7.6
8H	7.6	8.2	8.0	8.5	8.9	6.7	7.2	7.1	7.6	8.0
12H	8.1	8.6	8.5	9.0	9.4	7.2	7.7	7.6	8.0	8.4
8H 4H	6.8	7.4	7.2	7.7	8.1	6.0	6.6	6.4	6.9	7.3
6H	7.6	8.1	8.1	8.5	8.9	6.8	7.3	7.3	7.7	8.1
8H	8.2	8.5	8.6	9.0	9.4	7.3	7.7	7.8	8.2	8.6
12H	8.8	9.1	9.3	9.6	10.0	7.9	8.3	8.4	8.7	9.2
12H 4H	6.9	7.3	7.3	7.7	8.1	6.1	6.6	6.5	6.9	7.3
6H	7.7	8.1	8.2	8.5	9.0	7.0	7.3	7.4	7.8	8.2
8H	8.3	8.7	8.8	9.1	9.6	7.6	7.9	8.0	8.3	8.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.7					+ 0.5 / - 0.6				
1.5H	+ 1.1 / - 0.6					+ 0.9 / - 0.4				
2.0H	+ 1.3 / - 0.7					+ 0.7 / - 0.4				

CIE Pub.117 Corrected 866.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.5)

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	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	109	112	110	108	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004	Suspended								SHRNOM = 1.25	

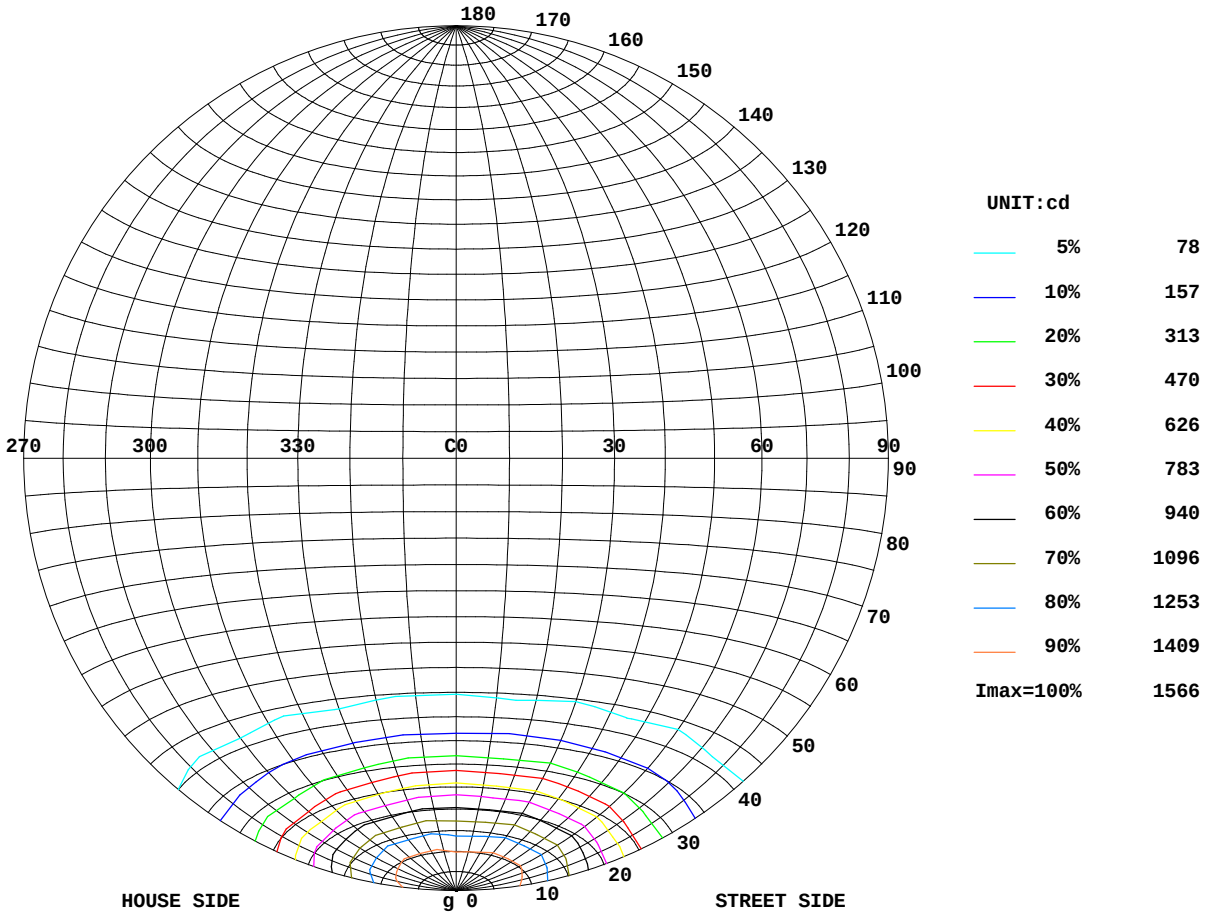
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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

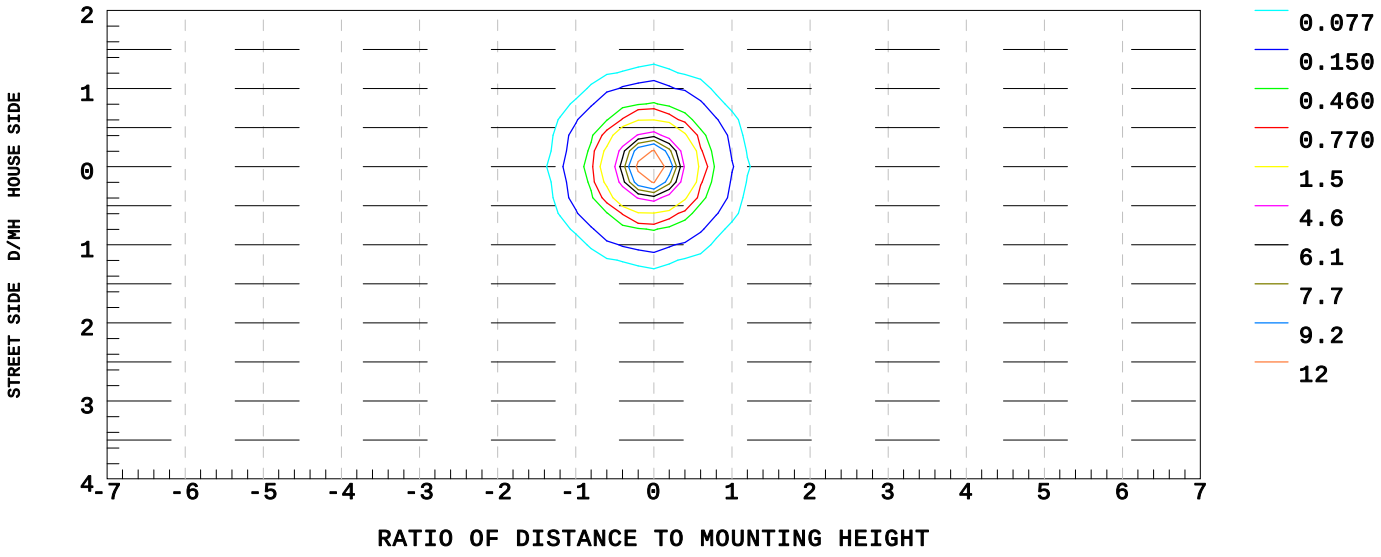
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

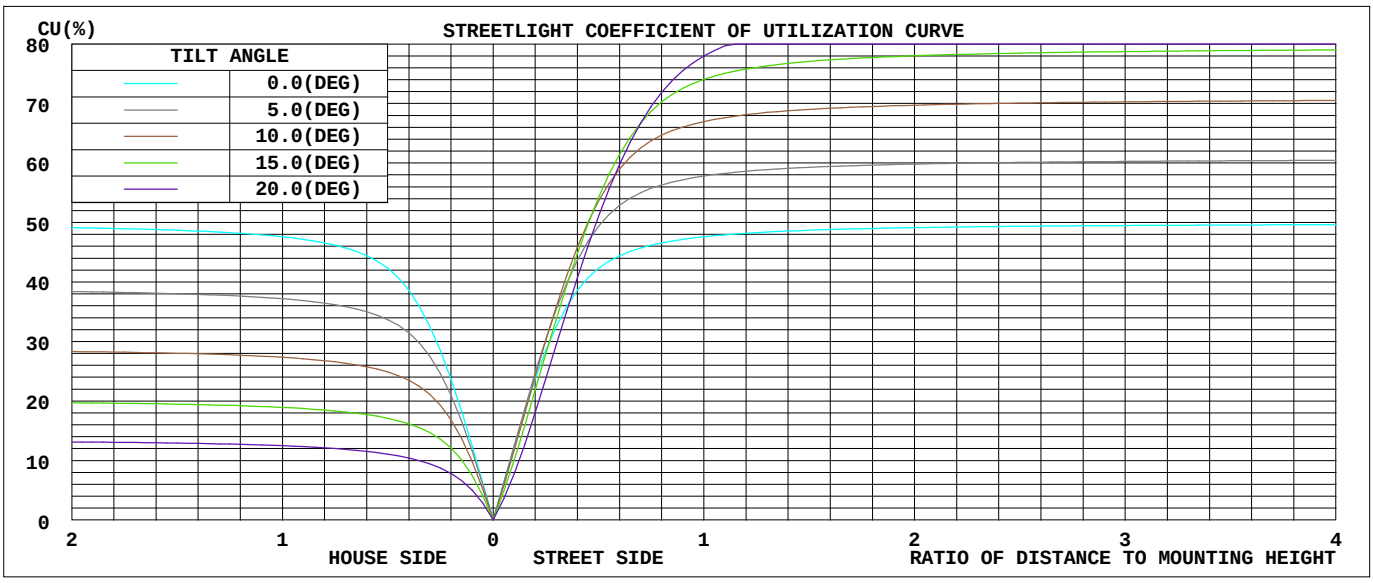
ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 15.34 lx





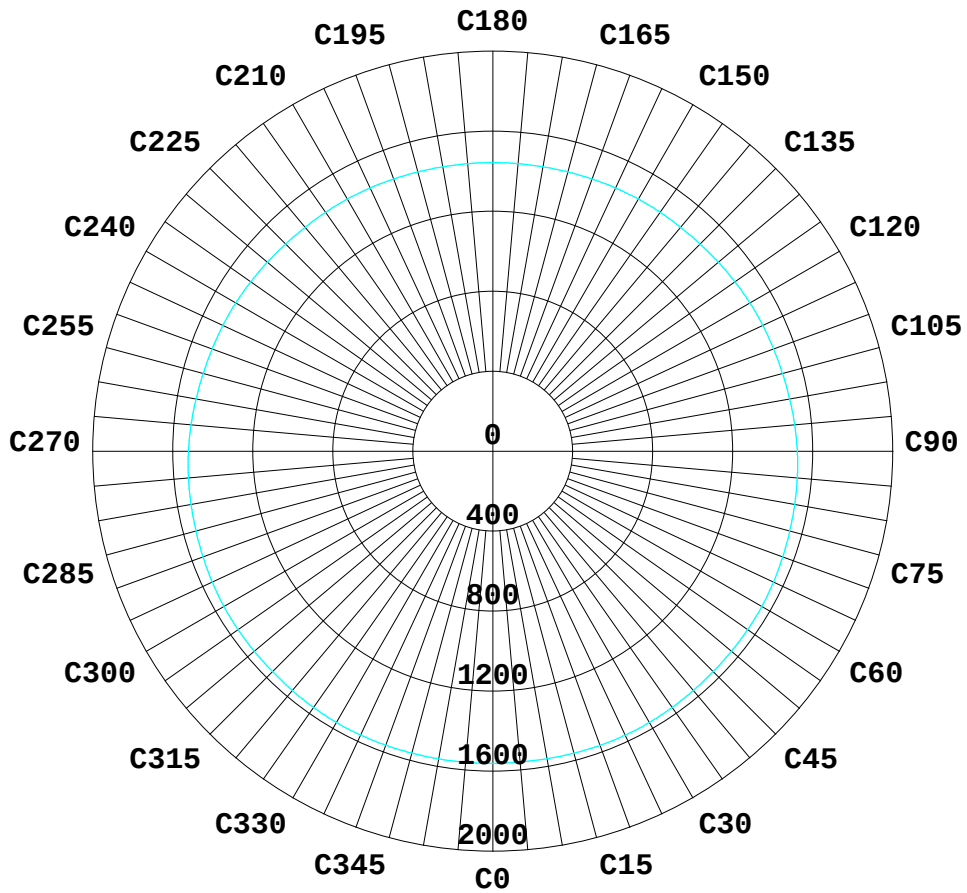
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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	1534	1530	1528	1524	1522	1518	1517	1514	1515	1514	1517	1516	1519	1516	1517
5.0	1545	1549	1558	1548	1543	1518	1497	1462	1439	1406	1399	1375	1379	1375	1399
10.0	1403	1413	1431	1428	1422	1385	1354	1303	1273	1225	1206	1178	1175	1178	1206
15.0	1193	1206	1229	1204	1192	1142	1104	1039	1011	963	954	923	924	923	954
20.0	960	950	967	914	910	835	809	730	719	666	676	639	653	639	676
25.0	676	661	660	615	589	516	490	442	435	400	401	375	381	375	401
30.0	389	379	384	340	315	267	255	245	226	238	205	189	193	189	205
35.0	202	235	202	175	170	147	138	123	128	110	117	104	113	104	117
40.0	117	109	116	102	104	90.6	90.6	77.8	79.1	68.5	72.2	64.0	70.0	64.0	72.2
45.0	75.1	68.9	74.0	64.8	66.5	56.0	56.6	47.5	49.5	42.5	45.6	40.1	44.9	40.1	45.6
50.0	48.0	43.4	47.5	41.2	43.5	36.7	38.6	32.6	34.8	29.5	32.3	28.2	32.0	28.2	32.3
55.0	33.9	30.5	33.6	29.0	31.1	26.3	28.5	24.1	26.3	22.1	24.5	20.8	24.0	20.8	24.5
60.0	26.0	23.1	25.7	22.0	23.7	19.3	21.2	17.7	19.7	16.1	18.2	15.2	17.9	15.2	18.2
65.0	19.6	17.2	19.6	16.3	17.9	14.7	16.6	13.7	15.4	12.4	14.4	11.9	14.1	11.9	14.4
70.0	15.3	13.1	15.1	12.4	14.0	11.3	12.9	10.4	11.9	9.59	11.3	9.21	11.1	9.21	11.3
75.0	11.9	10.0	11.7	9.59	11.0	8.76	10.1	8.06	9.40	7.42	9.02	7.16	8.89	7.16	9.02
80.0	9.59	7.87	9.34	7.55	8.83	6.97	8.19	6.33	7.55	5.82	7.23	5.63	7.16	5.63	7.23
85.0	7.68	6.20	7.48	5.88	7.04	5.37	6.46	4.86	5.95	4.41	5.63	4.28	5.56	4.28	5.63
90.0	5.82	4.92	5.63	4.67	5.31	4.22	4.86	4.03	4.80	4.03	4.80	4.03	4.86	4.03	4.80

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	1514	1515	1514	1517	1518	1522	1524	1528	1530
5.0	1406	1439	1462	1497	1518	1543	1548	1558	1549
10.0	1225	1273	1303	1354	1385	1422	1428	1431	1413
15.0	963	1011	1039	1104	1142	1192	1204	1229	1206
20.0	666	719	730	809	835	910	914	967	950
25.0	400	435	442	490	516	589	615	660	661
30.0	238	226	245	255	267	315	340	384	379
35.0	110	128	123	138	147	170	175	202	235
40.0	68.5	79.1	77.8	90.6	90.6	104	102	116	109
45.0	42.5	49.5	47.5	56.6	56.0	66.5	64.8	74.0	68.9
50.0	29.5	34.8	32.6	38.6	36.7	43.5	41.2	47.5	43.4
55.0	22.1	26.3	24.1	28.5	26.3	31.1	29.0	33.6	30.5
60.0	16.1	19.7	17.7	21.2	19.3	23.7	22.0	25.7	23.1
65.0	12.4	15.4	13.7	16.6	14.7	17.9	16.3	19.6	17.2
70.0	9.59	11.9	10.4	12.9	11.3	14.0	12.4	15.1	13.1
75.0	7.42	9.40	8.06	10.1	8.76	11.0	9.59	11.7	10.0
80.0	5.82	7.55	6.33	8.19	6.97	8.83	7.55	9.34	7.87
85.0	4.41	5.95	4.86	6.46	5.37	7.04	5.88	7.48	6.20
90.0	4.03	4.80	4.03	4.86	4.22	5.31	4.67	5.63	4.92

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:**