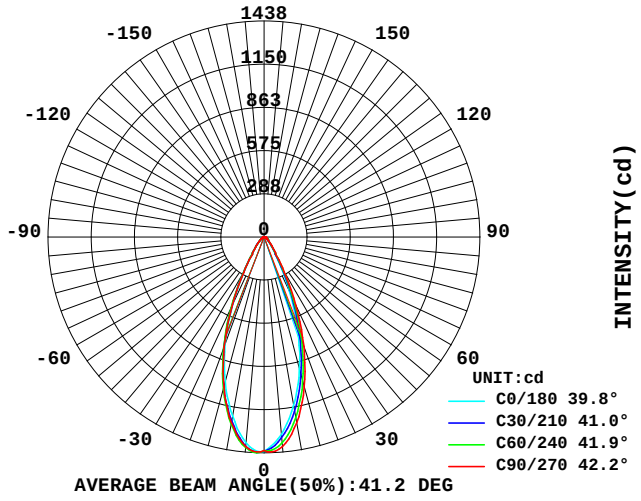
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

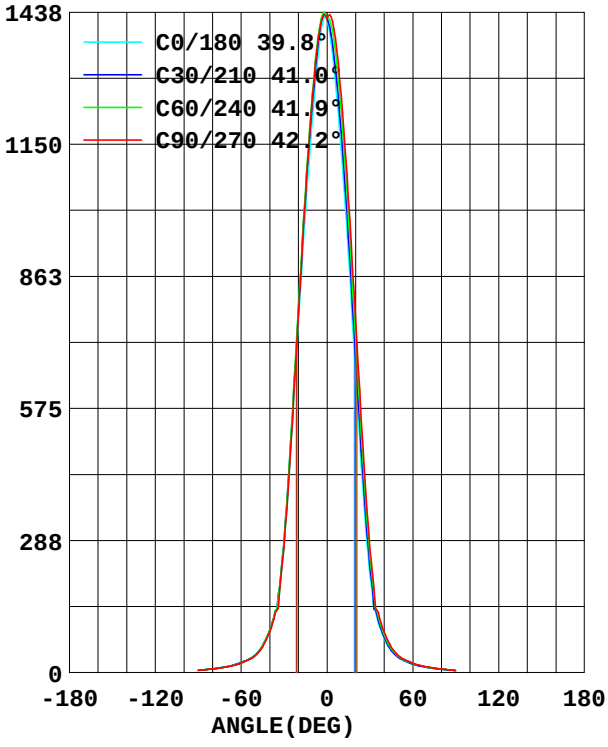
DATA OF LAMP		Imax(cd)	1438	S/MH(C0/180)	0.67
MODEL	4000K	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.67
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	801.12	Voltage(V)	225.6
RATED VOLTAGE(V)	226	EFFICIENCY(lm/W)	76.2	Current(A)	0.052
NOMINAL FLUX(lm)	801.1	h up(%)	0.0	Power(W)	10.51
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	0.886
TEST VOLTAGE(V)	225.7	Effictive Flux(lm)	665.3	EEI	0.190

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(50%):41.2 DEG

LUMINOUS INTENSITY DISTRIBUTION



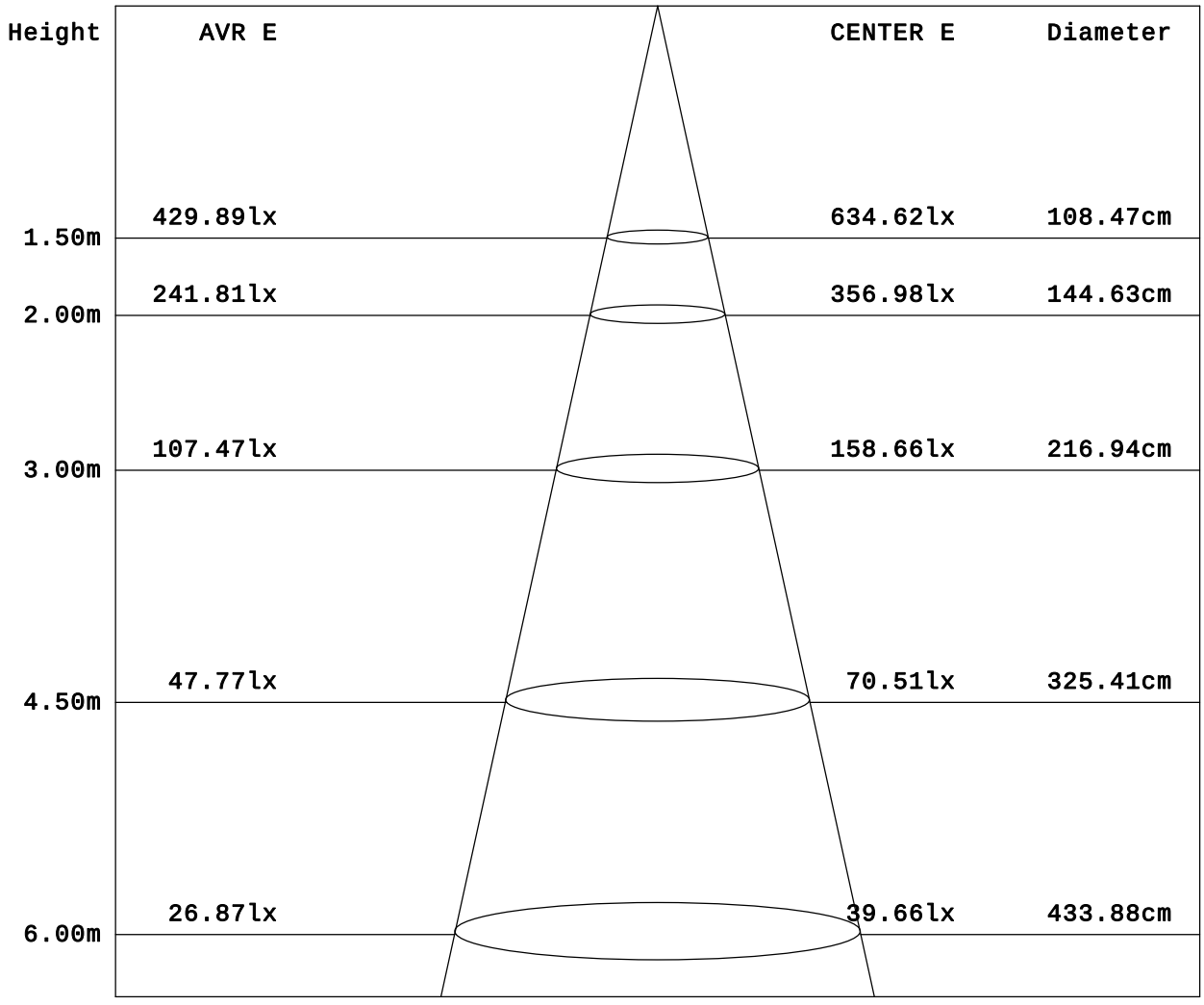
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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:39.8deg

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	1375	1401	1401	1352	1320	1352	1401	1401	0- 5	33.58	33.58
10.0	1210	1250	1256	1190	1139	1190	1256	1250	5- 10	92.66	126.2
15.0	997.3	1033	1033	956.7	910.8	956.7	1033	1033	10- 15	131.0	257.3
20.0	761.7	768.5	778.4	689.6	662.1	689.6	778.4	768.5	15- 20	142.5	399.8
25.0	495.2	504.7	502.4	438.1	407.3	438.1	502.4	504.7	20- 25	126.1	526.0
30.0	269.0	271.6	272.0	242.5	214.9	242.5	272.0	271.6	25- 30	90.21	616.2
35.0	136.7	140.1	136.5	119.5	120.6	119.5	136.5	140.1	30- 35	55.56	671.7
40.0	89.85	83.96	88.63	74.17	75.19	74.17	88.63	83.96	35- 40	35.03	706.8
45.0	57.59	52.48	55.10	44.92	47.10	44.92	55.10	52.48	40- 45	24.35	731.1
50.0	38.33	34.43	37.18	30.52	32.89	30.52	37.18	34.43	45- 50	16.91	748.0
55.0	28.28	24.76	27.20	22.52	24.64	22.52	27.20	24.76	50- 55	12.74	760.8
60.0	21.76	18.30	20.28	16.38	18.24	16.38	20.28	18.30	55- 60	10.17	771.0
65.0	16.57	14.01	15.87	12.79	14.40	12.79	15.87	14.01	60- 65	8.038	779.0
70.0	12.92	10.68	12.41	9.792	11.32	9.792	12.41	10.68	65- 70	6.493	785.5
75.0	10.17	8.191	9.792	7.552	9.023	7.552	9.792	8.191	70- 75	5.225	790.7
80.0	8.256	6.592	7.936	6.016	7.296	6.016	7.936	6.592	75- 80	4.230	795.0
85.0	6.592	5.120	6.272	4.672	5.760	4.672	6.272	5.120	80- 85	3.417	798.4
90.0	4.992	4.096	4.800	3.904	4.672	3.904	4.800	4.096	85- 90	2.700	801.1
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:

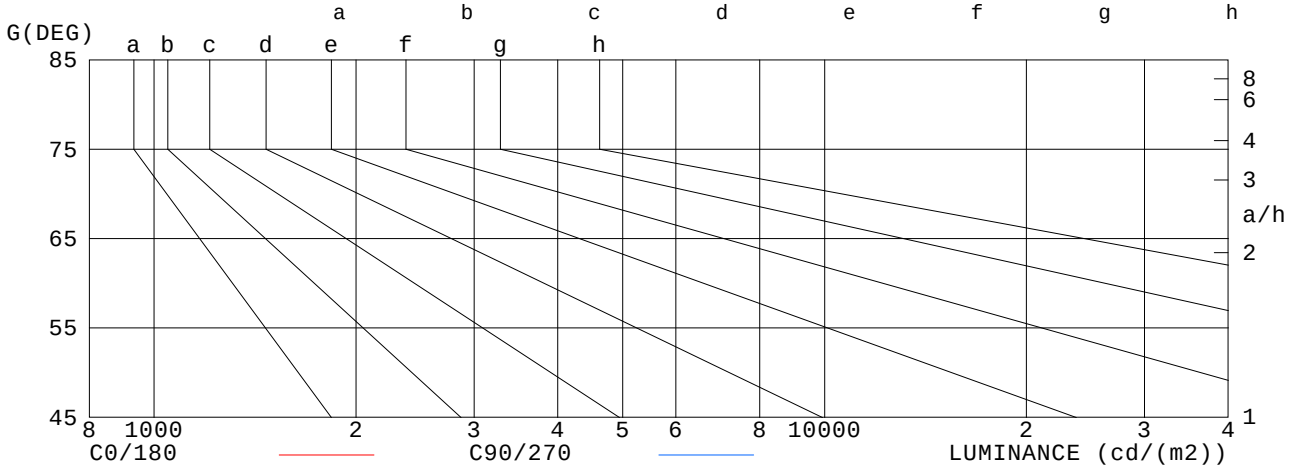
LUMINANCE LIMITATION CURVES

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



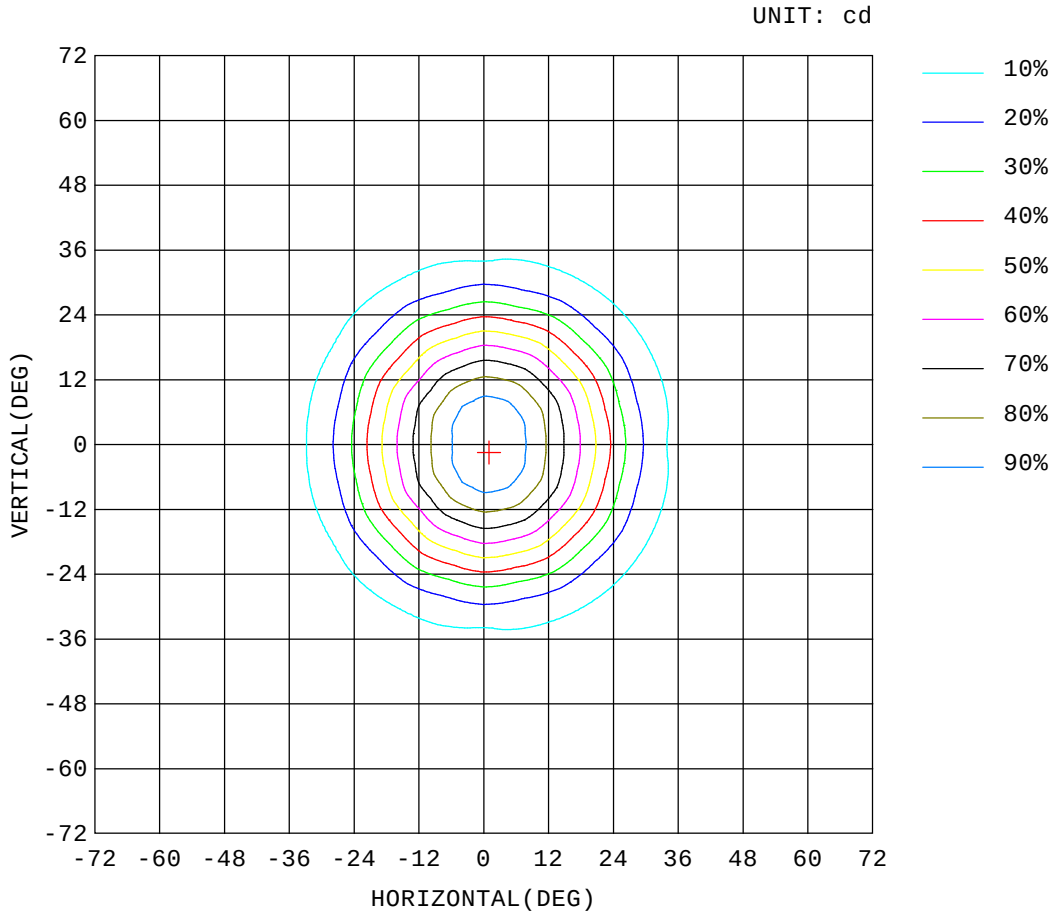
LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	378	360
80	238	229
75	197	189
70	189	182
65	196	188
60	218	203
55	247	237
50	298	289
45	407	390

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



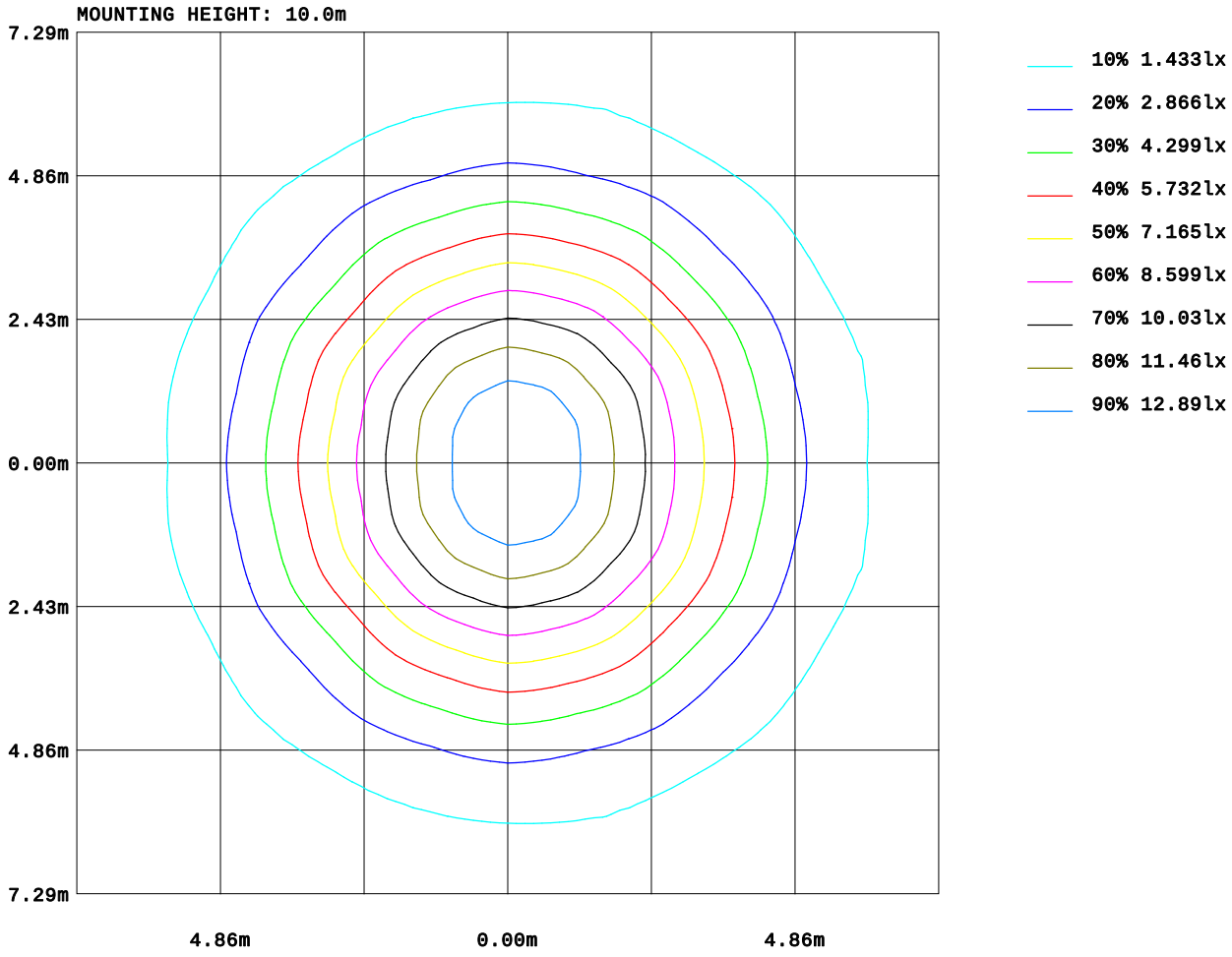
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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	0.10	0.11	0.15	0.20	0.21	0.22	0.25	0.26	0.22	0.22	0.21	0.16	0.12	0.10	0.08	0.05	2.77	0.00
64	0.05	0.08	0.12	0.15	0.20	0.28	0.31	0.33	0.38	0.39	0.34	0.32	0.29	0.22	0.17	0.13	0.09	0.05	3.91	0.00
56	0.05	0.10	0.15	0.20	0.27	0.39	0.48	0.52	0.61	0.61	0.54	0.50	0.42	0.30	0.23	0.17	0.11	0.06	5.71	0.00
48	0.06	0.11	0.18	0.27	0.38	0.55	0.78	0.94	1.14	1.16	1.00	0.85	0.61	0.42	0.31	0.21	0.12	0.07	9.17	0.00
40	0.06	0.12	0.21	0.36	0.54	0.87	1.44	1.95	2.42	2.49	2.10	1.60	1.00	0.62	0.41	0.25	0.14	0.07	16.6	2.13
32	0.07	0.13	0.24	0.44	0.82	1.47	2.79	4.82	6.54	6.75	5.30	3.19	1.70	0.97	0.52	0.29	0.15	0.08	36.3	27.2
24	0.08	0.15	0.27	0.52	1.15	2.50	5.76	10.5	14.0	14.4	11.5	6.69	3.02	1.37	0.63	0.32	0.17	0.09	73.3	66.4
	0.09	0.16	0.31	0.62	1.43	3.86	9.53	16.3	21.4	22.0	17.7	11.0	4.77	1.73	0.76	0.36	0.19	0.10	112	107
	0.09	0.18	0.34	0.72	1.69	4.84	11.6	19.5	25.6	26.4	21.1	13.3	5.97	2.04	0.88	0.40	0.21	0.10	135	130
	0.09	0.18	0.34	0.72	1.69	4.84	11.6	19.5	25.6	26.4	21.1	13.3	5.97	2.04	0.88	0.40	0.21	0.10	135	130
	0.09	0.16	0.31	0.62	1.43	3.86	9.53	16.3	21.4	22.0	17.7	11.0	4.77	1.73	0.76	0.36	0.19	0.10	112	107
-24	0.08	0.15	0.27	0.52	1.15	2.50	5.76	10.5	14.0	14.4	11.5	6.69	3.02	1.37	0.63	0.32	0.17	0.09	73.3	66.4
-32	0.07	0.13	0.24	0.44	0.82	1.47	2.79	4.82	6.54	6.75	5.30	3.19	1.70	0.97	0.52	0.29	0.15	0.08	36.3	27.2
-40	0.06	0.12	0.21	0.36	0.54	0.87	1.44	1.95	2.42	2.49	2.10	1.60	1.00	0.62	0.41	0.25	0.14	0.07	16.6	2.13
-48	0.06	0.11	0.18	0.27	0.38	0.55	0.78	0.94	1.14	1.16	1.00	0.85	0.61	0.42	0.31	0.21	0.12	0.07	9.17	0.00
-56	0.05	0.10	0.15	0.20	0.27	0.39	0.48	0.52	0.61	0.61	0.54	0.50	0.42	0.30	0.23	0.17	0.11	0.06	5.71	0.00
-64	0.05	0.08	0.12	0.15	0.20	0.28	0.31	0.33	0.38	0.39	0.34	0.32	0.29	0.22	0.17	0.13	0.09	0.05	3.91	0.00
-72	0.04	0.07	0.10	0.11	0.15	0.20	0.21	0.22	0.25	0.26	0.22	0.22	0.21	0.16	0.12	0.10	0.08	0.05	2.77	0.00
HORIZONTAL(DEG)																				
F t	1.17	2.18	3.86	6.79	13.2	29.9	65.9	110	145	149	120	75.5	36.0	15.6	8.05	4.48	2.55	1.35	801	
F a	0.00	0.00	0.00	0.00	0.38	19.1	57.0	103	137	141	112	66.8	26.1	1.97	0.00	0.00	0.00	0.00		665

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

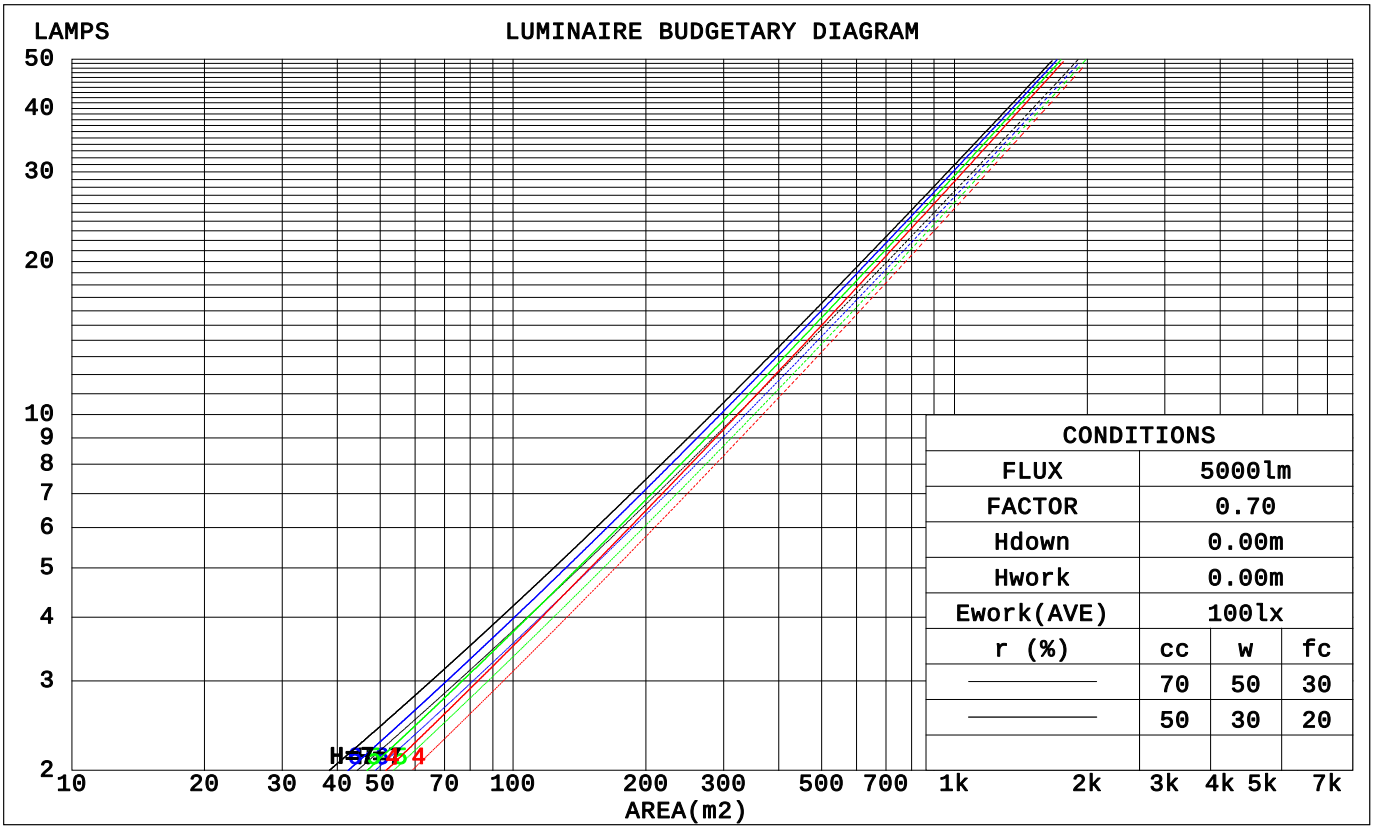
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

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	.99	.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	.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	.70	.80	.74	.70	.78	.73	.70	.77	.73	.69	.75	.72	.69	.67
7.0	.76	.70	.66	.76	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.64
8.0	.72	.67	.63	.72	.66	.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	.59	.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	.187	.106	.034	.180	.103	.033	.167	.096	.031	.156	.090	.029	.145	.084	.027	
2.0	.174	.095	.029	.169	.093	.029	.158	.088	.027	.148	.083	.026	.139	.079	.025	
3.0	.163	.087	.026	.158	.085	.026	.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	.134	.067	.019	.128	.065	.019	.122	.063	.019	.117	.062	.018	
7.0	.130	.064	.018	.127	.063	.018	.122	.062	.018	.117	.060	.017	.112	.058	.017	
8.0	.123	.060	.017	.121	.060	.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	.111	.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	.010	
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	.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	4.1	5.0	4.3	5.2	5.3	4.0	4.9	4.2	5.1	5.2
	3H	4.7	5.6	5.0	5.8	6.0	4.5	5.4	4.8	5.6	5.8
	4H	5.1	5.9	5.3	6.1	6.3	4.9	5.7	5.2	5.9	6.1
	6H	5.5	6.3	5.8	6.5	6.8	5.3	6.1	5.6	6.3	6.6
	8H	5.8	6.6	6.1	6.8	7.1	5.6	6.4	5.9	6.6	6.9
	12H	6.2	6.9	6.5	7.2	7.5	6.0	6.7	6.3	7.0	7.3
4H	2H	4.3	5.1	4.5	5.3	5.5	4.1	4.9	4.4	5.2	5.4
	3H	5.1	5.8	5.4	6.1	6.3	4.9	5.6	5.3	5.9	6.2
	4H	5.6	6.3	6.0	6.6	6.9	5.4	6.1	5.8	6.4	6.7
	6H	6.2	6.8	6.6	7.1	7.5	6.1	6.6	6.4	7.0	7.3
	8H	6.6	7.2	7.0	7.5	7.9	6.4	7.0	6.8	7.3	7.7
	12H	7.1	7.6	7.5	8.0	8.4	6.9	7.4	7.3	7.8	8.2
8H	4H	5.8	6.3	6.2	6.7	7.0	5.6	6.2	6.0	6.5	6.9
	6H	6.7	7.1	7.1	7.5	7.9	6.5	6.9	6.9	7.3	7.8
	8H	7.2	7.6	7.7	8.0	8.5	7.0	7.4	7.5	7.8	8.3
	12H	7.9	8.2	8.3	8.6	9.1	7.7	8.0	8.1	8.4	8.9
12H	4H	5.8	6.3	6.2	6.7	7.1	5.7	6.2	6.1	6.5	6.9
	6H	6.8	7.1	7.2	7.6	8.0	6.6	7.0	7.1	7.4	7.9
	8H	7.4	7.7	7.9	8.2	8.6	7.2	7.6	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		+ 1.0 / - 0.6					+ 1.0 / - 0.6				

CIE Pub.117 Corrected 801.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.8)

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	91	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	109	112	110	108	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004	Suspended								SHRNOM = 1.25	

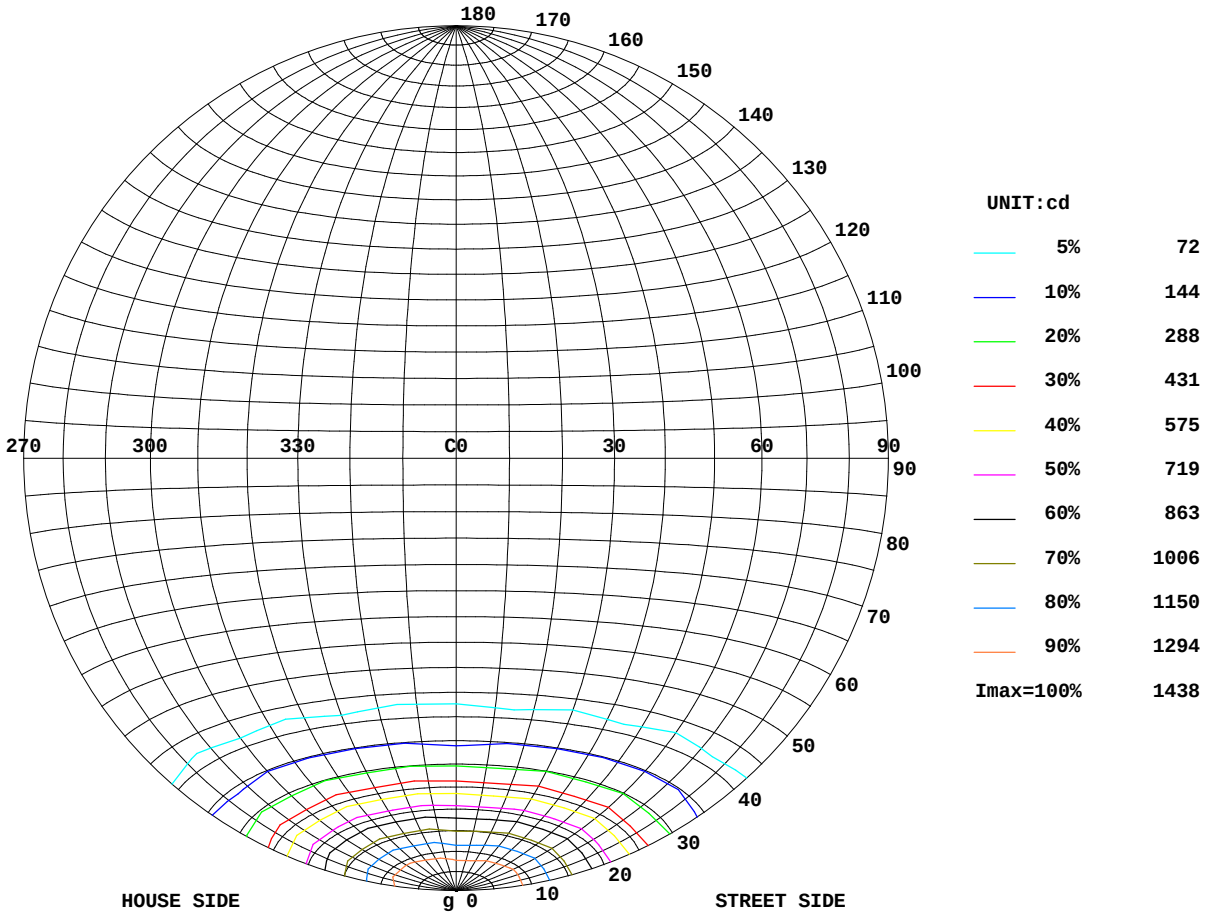
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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

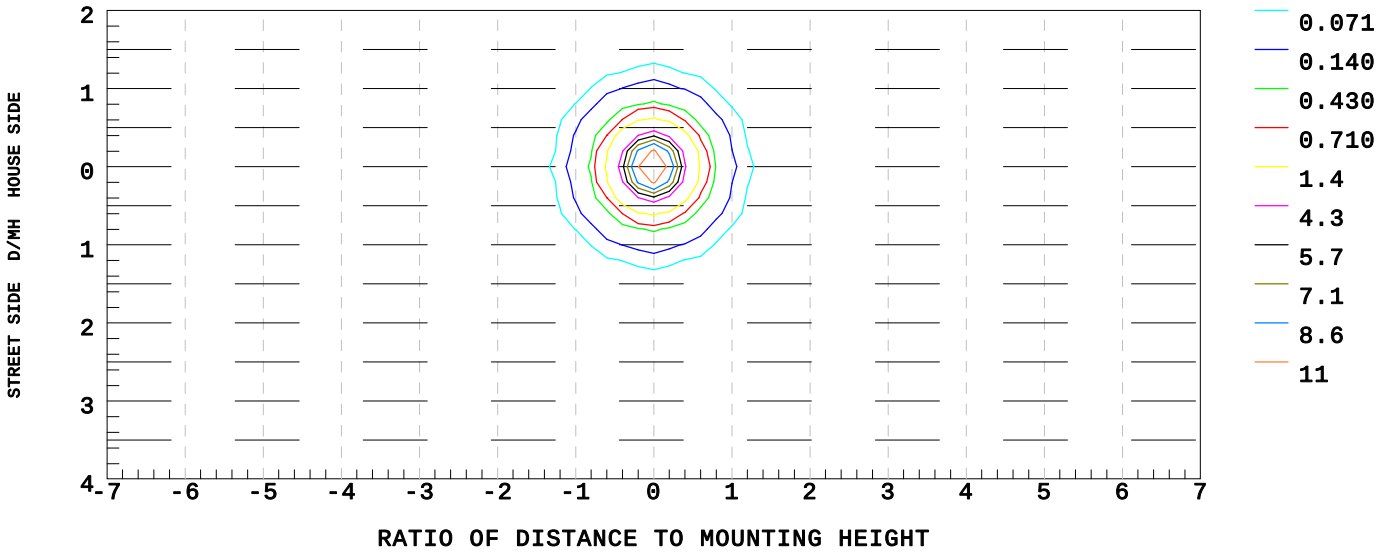
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

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 = 14.28 lx





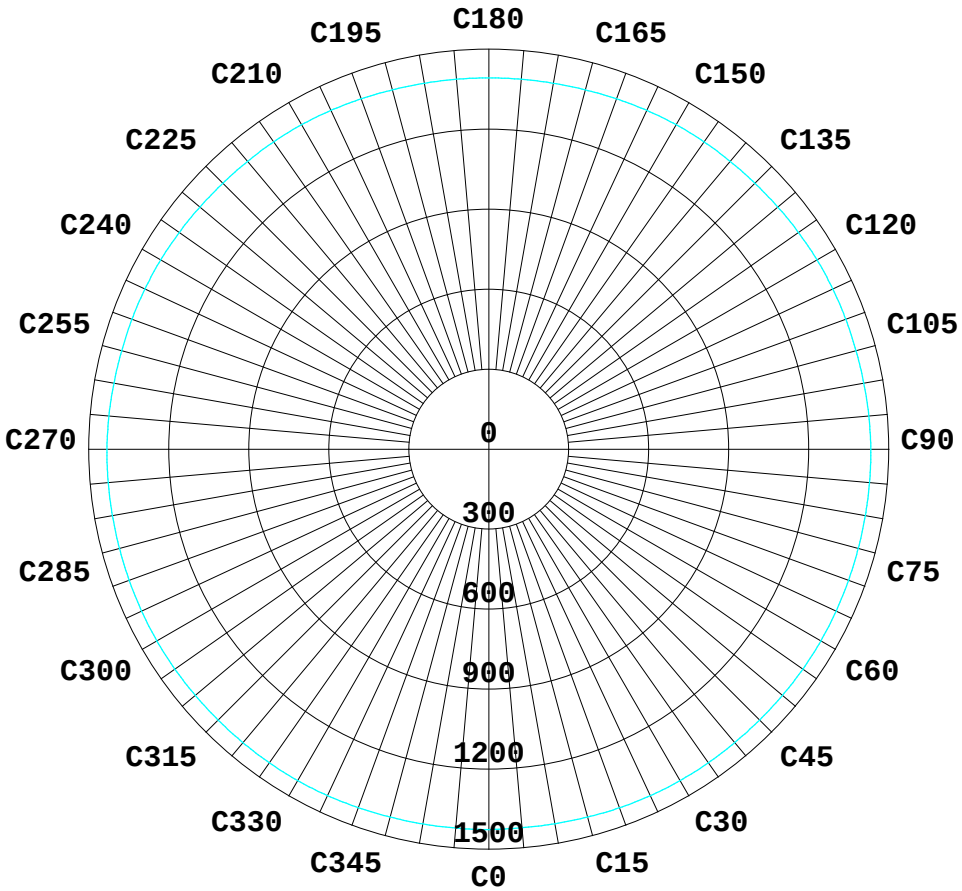
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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	1428	1426	1426	1424	1424	1423	1422	1421	1422	1421	1421	1420	1421	1420	1421
5.0	1375	1382	1400	1401	1408	1403	1401	1384	1377	1352	1342	1322	1320	1322	1342
10.0	1210	1220	1244	1250	1264	1256	1256	1232	1222	1190	1177	1147	1139	1147	1177
15.0	997	1009	1035	1033	1046	1030	1033	1002	992	957	950	916	911	916	950
20.0	762	753	786	769	796	765	778	734	738	690	697	654	662	654	697
25.0	495	491	514	505	521	496	502	474	473	438	439	407	407	407	439
30.0	269	265	283	272	283	265	272	251	254	243	232	241	215	241	232
35.0	137	139	138	140	138	139	137	130	135	120	127	112	121	112	127
40.0	89.8	83.9	91.2	83.9	91.5	83.7	88.6	79.0	83.3	74.1	78.5	69.5	75.1	69.5	78.5
45.0	57.5	52.7	58.4	52.4	57.9	51.1	55.1	47.9	51.5	44.9	48.4	42.4	47.1	42.4	48.4
50.0	38.3	34.6	38.9	34.4	38.3	33.6	37.1	32.2	35.4	30.5	33.4	29.1	32.8	29.1	33.4
55.0	28.2	25.2	28.5	24.7	27.8	24.1	27.2	23.5	26.4	22.5	25.0	21.5	24.6	21.5	25.0
60.0	21.7	19.0	21.8	18.3	20.8	17.6	20.2	17.2	19.7	16.3	18.5	15.6	18.2	15.6	18.5
65.0	16.5	14.4	16.8	14.0	16.1	13.4	15.8	13.4	15.6	12.7	14.5	12.0	14.4	12.0	14.5
70.0	12.9	10.8	12.9	10.6	12.6	10.4	12.4	10.1	12.0	9.79	11.5	9.47	11.3	9.47	11.5
75.0	10.1	8.38	10.1	8.19	10.0	8.06	9.79	7.80	9.40	7.55	9.15	7.36	9.02	7.36	9.15
80.0	8.25	6.72	8.19	6.59	8.12	6.46	7.93	6.20	7.68	6.01	7.36	5.82	7.29	5.82	7.36
85.0	6.59	5.24	6.59	5.12	6.46	4.99	6.27	4.80	6.08	4.67	5.82	4.48	5.76	4.48	5.82
90.0	4.99	4.16	4.99	4.09	4.92	4.03	4.80	3.90	4.73	3.90	4.67	3.90	4.67	3.90	4.67

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	1421	1422	1421	1422	1423	1424	1424	1426	1426
5.0	1352	1377	1384	1401	1403	1408	1401	1400	1382
10.0	1190	1222	1232	1256	1256	1264	1250	1244	1220
15.0	957	992	1002	1033	1030	1046	1033	1035	1009
20.0	690	738	734	778	765	796	769	786	753
25.0	438	473	474	502	496	521	505	514	491
30.0	243	254	251	272	265	283	272	283	265
35.0	120	135	130	137	139	138	140	138	139
40.0	74.1	83.3	79.0	88.6	83.7	91.5	83.9	91.2	83.9
45.0	44.9	51.5	47.9	55.1	51.1	57.9	52.4	58.4	52.7
50.0	30.5	35.4	32.2	37.1	33.6	38.3	34.4	38.9	34.6
55.0	22.5	26.4	23.5	27.2	24.1	27.8	24.7	28.5	25.2
60.0	16.3	19.7	17.2	20.2	17.6	20.8	18.3	21.8	19.0
65.0	12.7	15.6	13.4	15.8	13.4	16.1	14.0	16.8	14.4
70.0	9.79	12.0	10.1	12.4	10.4	12.6	10.6	12.9	10.8
75.0	7.55	9.40	7.80	9.79	8.06	10.0	8.19	10.1	8.38
80.0	6.01	7.68	6.20	7.93	6.46	8.12	6.59	8.19	6.72
85.0	4.67	6.08	4.80	6.27	4.99	6.46	5.12	6.59	5.24
90.0	3.90	4.73	3.90	4.80	4.03	4.92	4.09	4.99	4.16

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:**