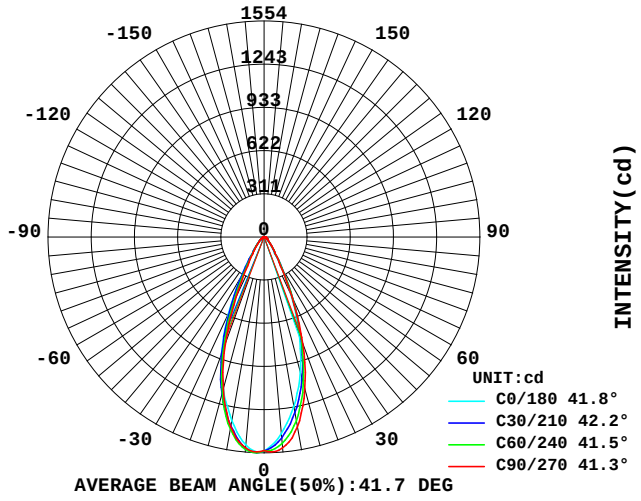
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

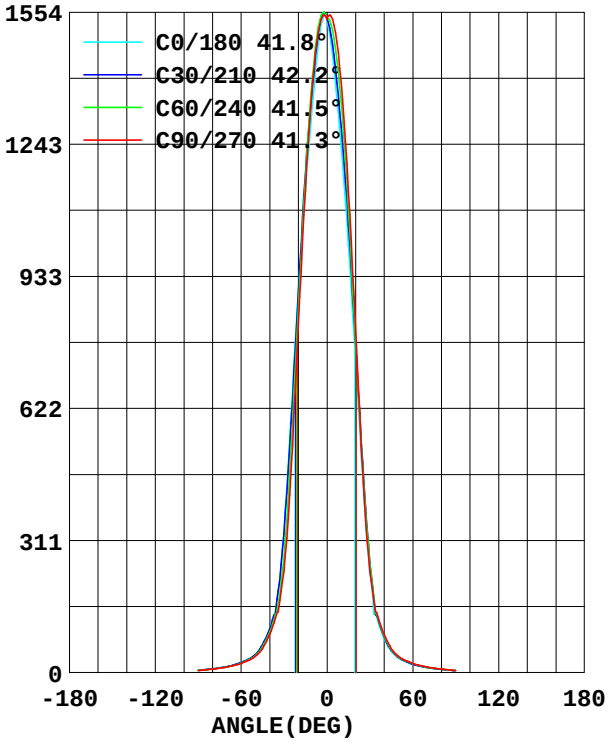
DATA OF LAMP		Imax(cd)	1554	S/MH(C0/180)	0.70
MODEL	6000K	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.64
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	870.85	Voltage(V)	225.5
RATED VOLTAGE(V)	226	EFFICIENCY(lm/W)	80.9	Current(A)	0.053
NOMINAL FLUX(lm)	870.9	h up(%)	0.0	Power(W)	10.77
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	0.886
TEST VOLTAGE(V)	225.5	Effictive Flux(lm)	723.7	EEI	0.182

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(50%):41.7 DEG

LUMINOUS INTENSITY DISTRIBUTION



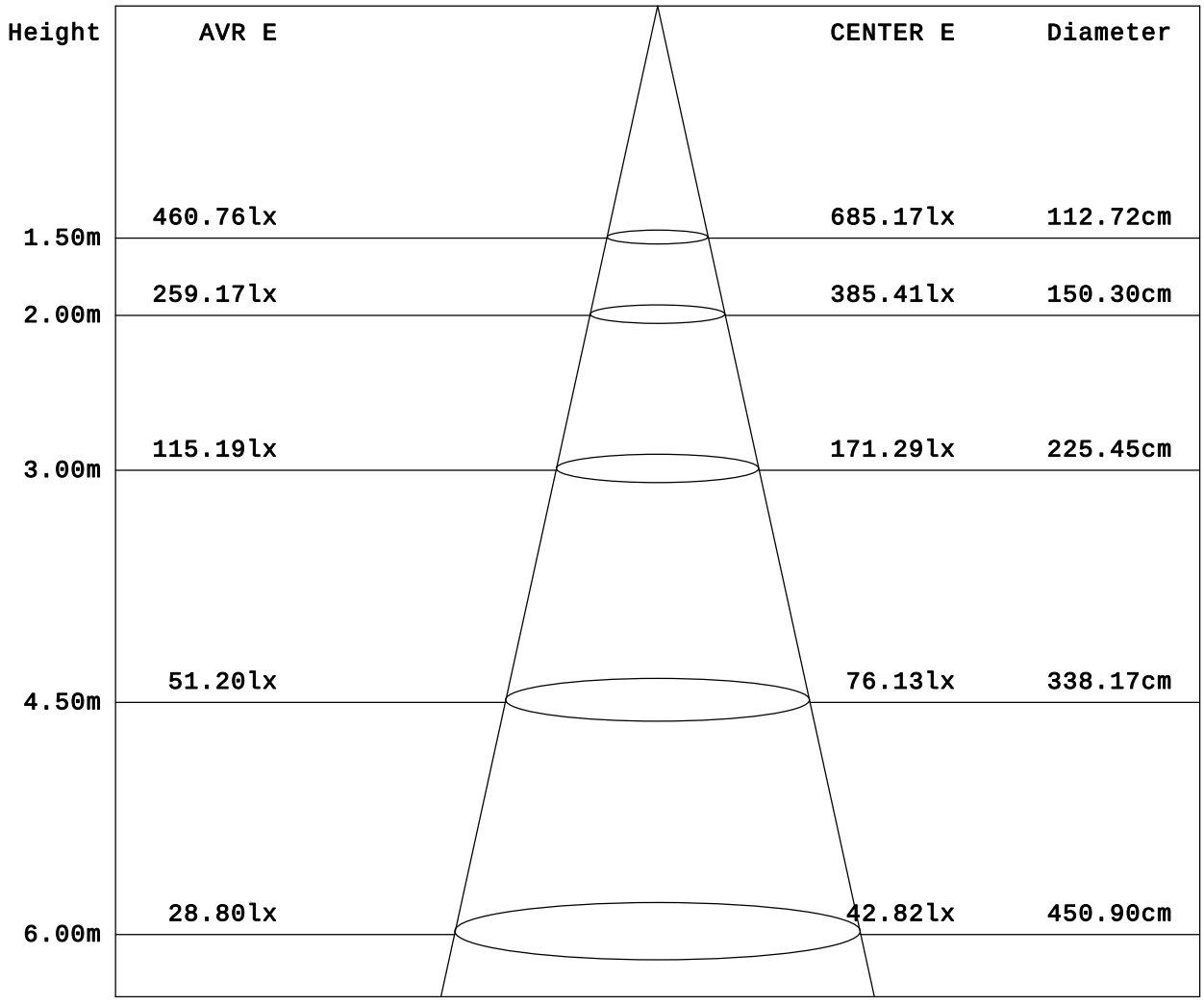
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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



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	1504	1529	1524	1463	1424	1463	1524	1529	0- 5	36.38	36.38
10.0	1340	1390	1388	1305	1238	1305	1388	1390	5- 10	101.5	137.8
15.0	1132	1156	1133	1060	1007	1060	1133	1156	10- 15	145.3	283.2
20.0	897.6	848.0	821.1	757.3	744.0	757.3	821.1	848.0	15- 20	158.1	441.4
25.0	605.3	545.0	474.5	476.4	459.5	476.4	474.5	545.0	20- 25	137.3	578.7
30.0	329.7	288.7	239.2	250.6	237.1	250.6	239.2	288.7	25- 30	95.22	674.0
35.0	169.4	150.8	140.7	129.8	130.5	129.8	140.7	150.8	30- 35	58.52	732.5
40.0	102.3	91.26	89.85	80.00	80.70	80.00	89.85	91.26	35- 40	37.38	769.9
45.0	65.66	57.66	56.44	48.38	50.43	48.38	56.44	57.66	40- 45	26.15	796.0
50.0	42.87	37.63	38.52	32.76	35.00	32.76	38.52	37.63	45- 50	18.18	814.2
55.0	31.16	27.07	28.48	24.12	26.04	24.12	28.48	27.07	50- 55	13.66	827.9
60.0	24.00	20.22	21.31	17.47	19.20	17.47	21.31	20.22	55- 60	10.88	838.8
65.0	18.11	15.29	16.70	13.63	15.16	13.63	16.70	15.29	60- 65	8.590	847.4
70.0	14.14	11.71	12.99	10.43	11.90	10.43	12.99	11.71	65- 70	6.922	854.3
75.0	11.13	9.023	10.24	8.063	9.408	8.063	10.24	9.023	70- 75	5.565	859.9
80.0	8.960	7.168	8.256	6.400	7.552	6.400	8.256	7.168	75- 80	4.494	864.3
85.0	7.104	5.568	6.528	4.864	5.888	4.864	6.528	5.568	80- 85	3.611	868.0
90.0	5.376	4.416	4.992	4.096	4.864	4.096	4.992	4.416	85- 90	2.843	870.8
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:

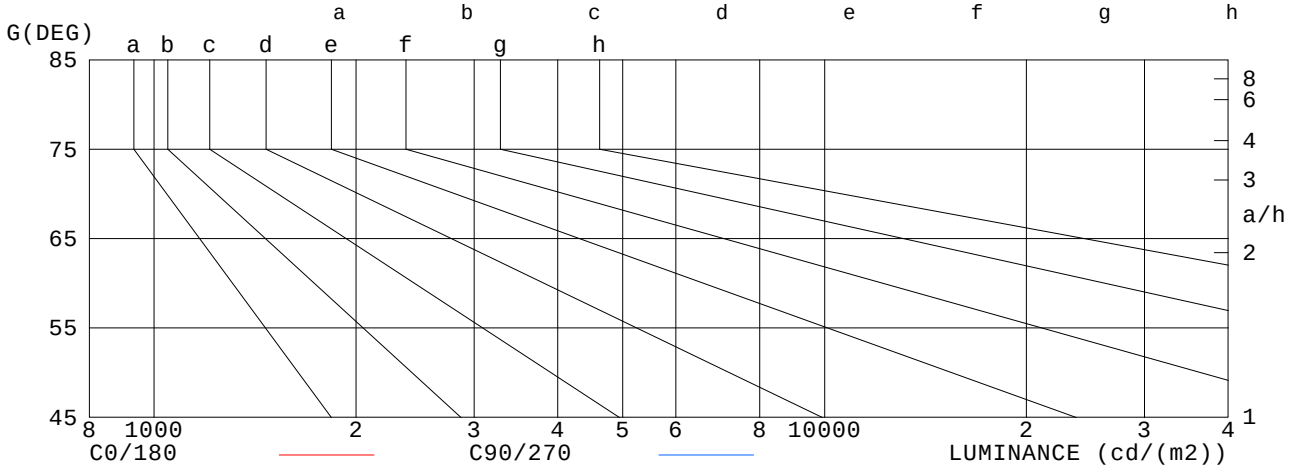
LUMINANCE LIMITATION CURVES

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



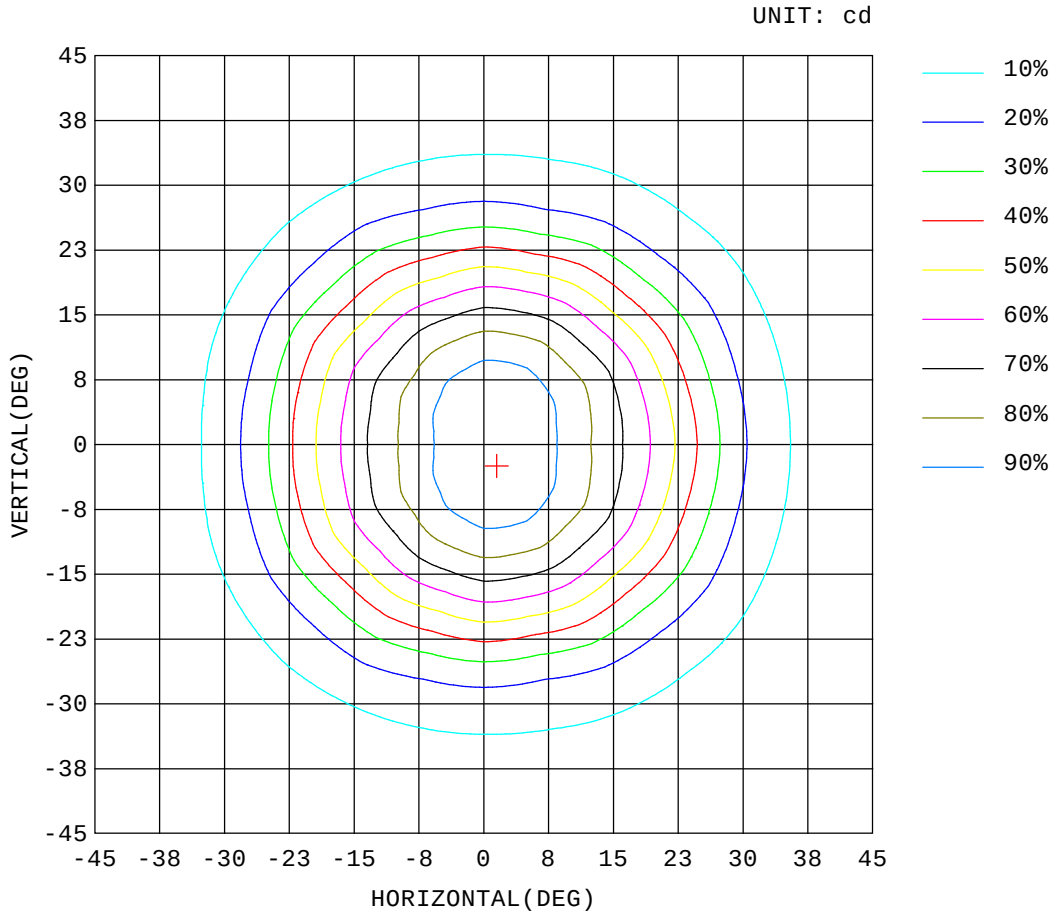
LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	408	375
80	258	238
75	215	198
70	207	190
65	214	198
60	240	213
55	272	248
50	334	300
45	464	399

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



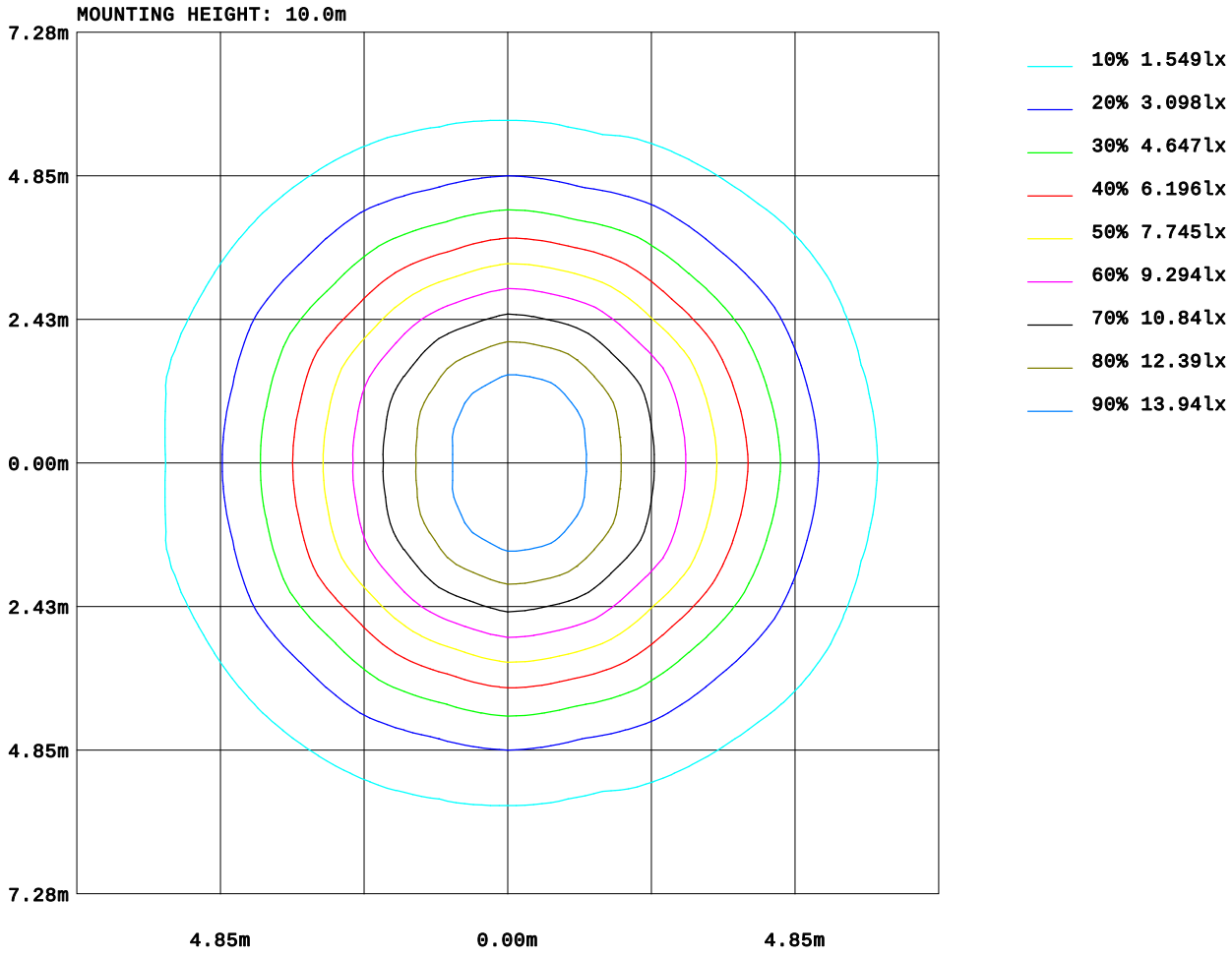
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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	0.13	0.16	0.19	0.25	0.32	0.38	0.42	0.48	0.53	0.54	0.50	0.46	0.42	0.36	0.28	0.22	0.18	0.15	5.96	0.00
40	0.15	0.19	0.25	0.34	0.46	0.58	0.67	0.75	0.83	0.84	0.77	0.71	0.64	0.52	0.39	0.29	0.23	0.18	8.77	0.00
35	0.18	0.24	0.33	0.47	0.66	0.87	1.05	1.24	1.36	1.36	1.26	1.11	0.95	0.73	0.54	0.40	0.29	0.21	13.3	4.67
30	0.21	0.31	0.46	0.66	0.95	1.40	1.91	2.27	2.55	2.55	2.28	1.99	1.55	1.11	0.76	0.55	0.39	0.25	22.1	17.1
25	0.24	0.38	0.61	0.91	1.52	2.36	3.36	4.12	4.70	4.78	4.33	3.64	2.64	1.81	1.13	0.73	0.48	0.30	38.0	34.2
20	0.26	0.45	0.74	1.30	2.32	3.64	5.11	6.35	7.17	7.35	6.79	5.66	4.16	2.79	1.67	0.92	0.56	0.34	57.6	54.4
15	0.29	0.50	0.87	1.75	3.22	5.01	6.74	8.35	9.34	9.55	8.88	7.45	5.74	3.88	2.22	1.16	0.64	0.38	76.0	73.2
	0.33	0.56	1.02	2.07	3.83	5.94	7.95	9.61	10.8	11.0	10.2	8.79	6.85	4.69	2.70	1.38	0.72	0.43	89.0	86.5
	0.35	0.61	1.09	2.27	4.16	6.32	8.34	10.0	11.3	11.6	10.7	9.19	7.33	5.18	3.05	1.52	0.77	0.46	94.5	92.0
	0.35	0.61	1.09	2.27	4.16	6.32	8.34	10.0	11.3	11.6	10.7	9.19	7.33	5.18	3.05	1.52	0.77	0.46	94.5	92.0
	0.33	0.56	1.02	2.07	3.83	5.94	7.95	9.61	10.8	11.0	10.2	8.79	6.85	4.69	2.70	1.38	0.72	0.43	89.0	86.5
-15	0.29	0.50	0.87	1.75	3.22	5.01	6.74	8.35	9.34	9.55	8.88	7.45	5.74	3.88	2.22	1.16	0.64	0.38	76.0	73.2
-20	0.26	0.45	0.74	1.30	2.32	3.64	5.11	6.35	7.17	7.35	6.79	5.66	4.16	2.79	1.67	0.92	0.56	0.34	57.6	54.4
-25	0.24	0.38	0.61	0.91	1.52	2.36	3.36	4.12	4.70	4.78	4.33	3.64	2.64	1.81	1.13	0.73	0.48	0.30	38.0	34.2
-30	0.21	0.31	0.46	0.66	0.95	1.40	1.91	2.27	2.55	2.55	2.28	1.99	1.55	1.11	0.76	0.55	0.39	0.25	22.1	17.1
-35	0.18	0.24	0.33	0.47	0.66	0.87	1.05	1.24	1.36	1.36	1.26	1.11	0.95	0.73	0.54	0.40	0.29	0.21	13.3	4.67
-40	0.15	0.19	0.25	0.34	0.46	0.58	0.67	0.75	0.83	0.84	0.77	0.71	0.64	0.52	0.39	0.29	0.23	0.18	8.77	0.00
-45	0.13	0.16	0.19	0.25	0.32	0.38	0.42	0.48	0.53	0.54	0.50	0.46	0.42	0.36	0.28	0.22	0.18	0.15	5.96	0.00
HORIZONTAL(DEG)																				
F t	4.28	6.82	11.1	20.0	34.9	53.0	71.1	86.4	97.3	99.5	91.7	78.0	60.5	42.2	25.5	14.3	8.48	5.39	871	
F a	0.00	0.00	2.97	14.8	30.5	49.0	67.6	83.1	93.8	96.1	88.3	74.5	56.6	37.9	20.8	8.05	0.00	0.00		724

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

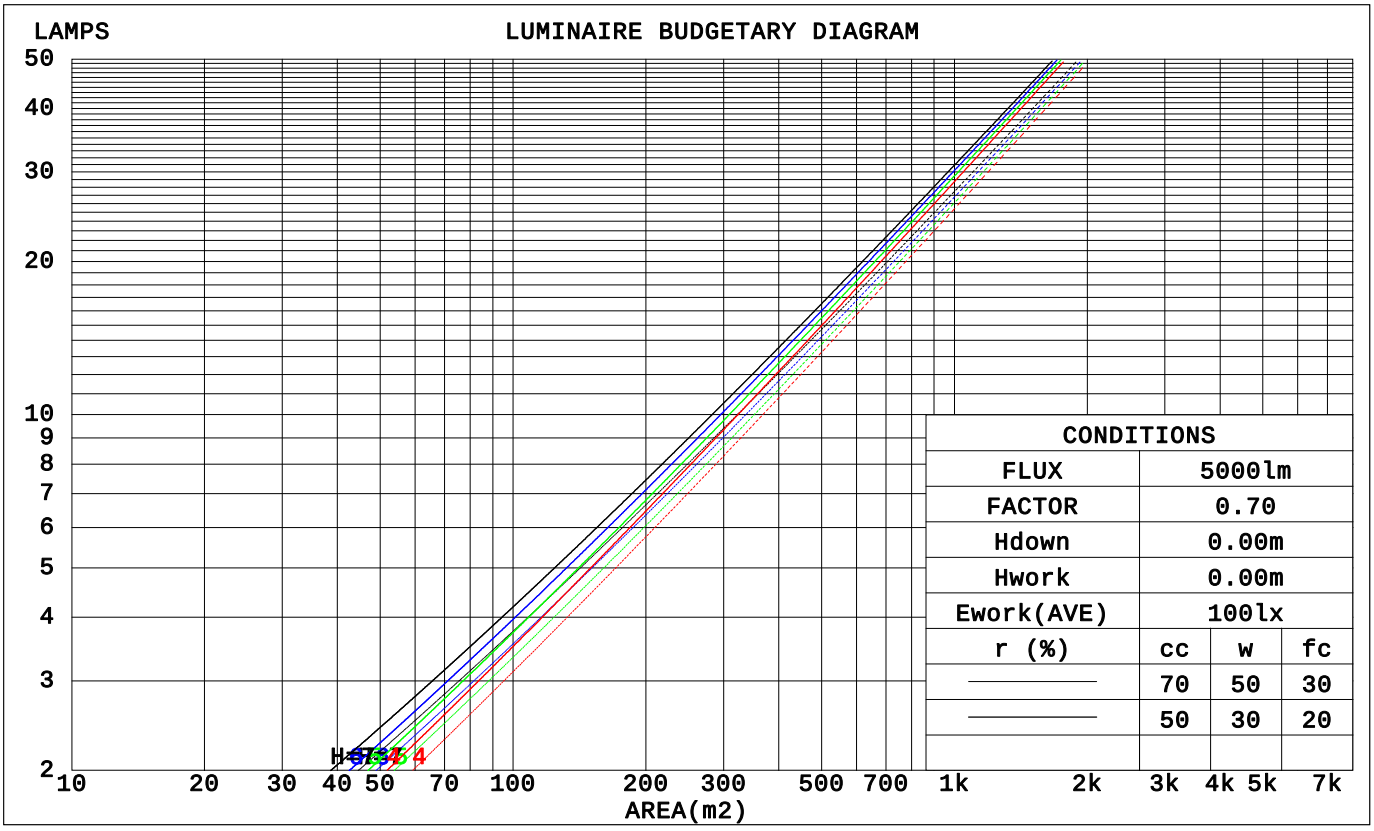
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

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	1.01	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	.87	.92	.88	.85	.90	.87	.84	.88	.85	.83	.81
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.81	.78	.83	.80	.78	.76
5.0	.85	.80	.75	.84	.79	.75	.83	.78	.74	.81	.77	.74	.79	.76	.73	.72
6.0	.81	.75	.71	.80	.74	.71	.78	.74	.70	.77	.73	.70	.76	.72	.69	.68
7.0	.76	.71	.67	.76	.70	.67	.75	.70	.66	.73	.69	.66	.72	.68	.65	.64
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.62	.69	.65	.62	.61
9.0	.69	.64	.60	.69	.63	.60	.68	.63	.60	.67	.63	.59	.66	.62	.59	.58
10.0	.66	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.63	.59	.57	.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	.033	.179	.102	.032	.166	.095	.030	.155	.089	.029	.144	.083	.027	
2.0	.173	.095	.029	.168	.092	.028	.157	.087	.027	.147	.083	.026	.138	.078	.025	
3.0	.162	.086	.026	.157	.084	.025	.148	.080	.024	.140	.077	.024	.132	.073	.023	
4.0	.152	.079	.023	.148	.078	.023	.140	.074	.022	.133	.072	.022	.127	.069	.021	
5.0	.144	.073	.021	.140	.072	.021	.133	.069	.020	.127	.067	.020	.121	.065	.019	
6.0	.136	.068	.020	.133	.067	.019	.127	.065	.019	.121	.063	.019	.116	.061	.018	
7.0	.129	.064	.018	.126	.063	.018	.121	.061	.018	.116	.060	.017	.112	.058	.017	
8.0	.123	.060	.017	.120	.059	.017	.116	.058	.017	.111	.056	.016	.107	.055	.016	
9.0	.117	.057	.016	.115	.056	.016	.111	.055	.016	.107	.054	.015	.103	.052	.015	
10.0	.112	.054	.015	.110	.053	.015	.106	.052	.015	.103	.051	.015	.099	.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	.156	.132	.112	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.090	.123	.098	.078	.085	.068	.054	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.085	.063	.078	.060	.044	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.106	.075	.052	.073	.053	.037	.042	.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	4.8	5.7	5.0	5.9	6.0	3.8	4.7	4.0	4.9	5.1
3H	5.3	6.2	5.6	6.4	6.6	4.4	5.3	4.7	5.5	5.7
4H	5.7	6.5	5.9	6.7	6.9	4.8	5.6	5.1	5.8	6.0
6H	6.1	6.8	6.4	7.1	7.3	5.3	6.0	5.6	6.3	6.5
8H	6.4	7.1	6.7	7.3	7.6	5.6	6.3	5.9	6.6	6.8
12H	6.7	7.4	7.0	7.7	8.0	5.9	6.7	6.3	6.9	7.2
4H 2H	4.9	5.7	5.2	5.9	6.1	4.0	4.8	4.3	5.1	5.3
3H	5.7	6.4	6.0	6.6	6.9	4.9	5.6	5.2	5.9	6.1
4H	6.1	6.8	6.5	7.1	7.4	5.4	6.1	5.8	6.4	6.7
6H	6.7	7.3	7.1	7.6	8.0	6.0	6.6	6.4	6.9	7.3
8H	7.1	7.6	7.5	8.0	8.3	6.4	7.0	6.8	7.3	7.7
12H	7.6	8.0	8.0	8.4	8.8	6.9	7.4	7.3	7.8	8.2
8H 4H	6.3	6.8	6.7	7.2	7.5	5.6	6.2	6.0	6.5	6.9
6H	7.1	7.5	7.5	7.9	8.4	6.5	7.0	6.9	7.3	7.8
8H	7.6	8.0	8.1	8.4	8.9	7.1	7.4	7.5	7.9	8.3
12H	8.3	8.6	8.7	9.0	9.5	7.7	8.0	8.2	8.5	8.9
12H 4H	6.3	6.8	6.7	7.2	7.6	5.7	6.2	6.1	6.5	6.9
6H	7.2	7.6	7.6	8.0	8.4	6.6	7.0	7.1	7.4	7.9
8H	7.8	8.1	8.3	8.6	9.0	7.3	7.6	7.7	8.0	8.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.6					+ 0.6 / - 0.6				
1.5H	+ 1.3 / - 0.5					+ 1.0 / - 0.4				
2.0H	+ 1.1 / - 0.6					+ 0.9 / - 0.5				

CIE Pub.117 Corrected 870.8 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	78	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	82
1.25	101	95	91	100	95	91	98	93	90	86
1.50	104	99	95	103	98	94	100	96	93	89
2.00	107	102	99	106	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	

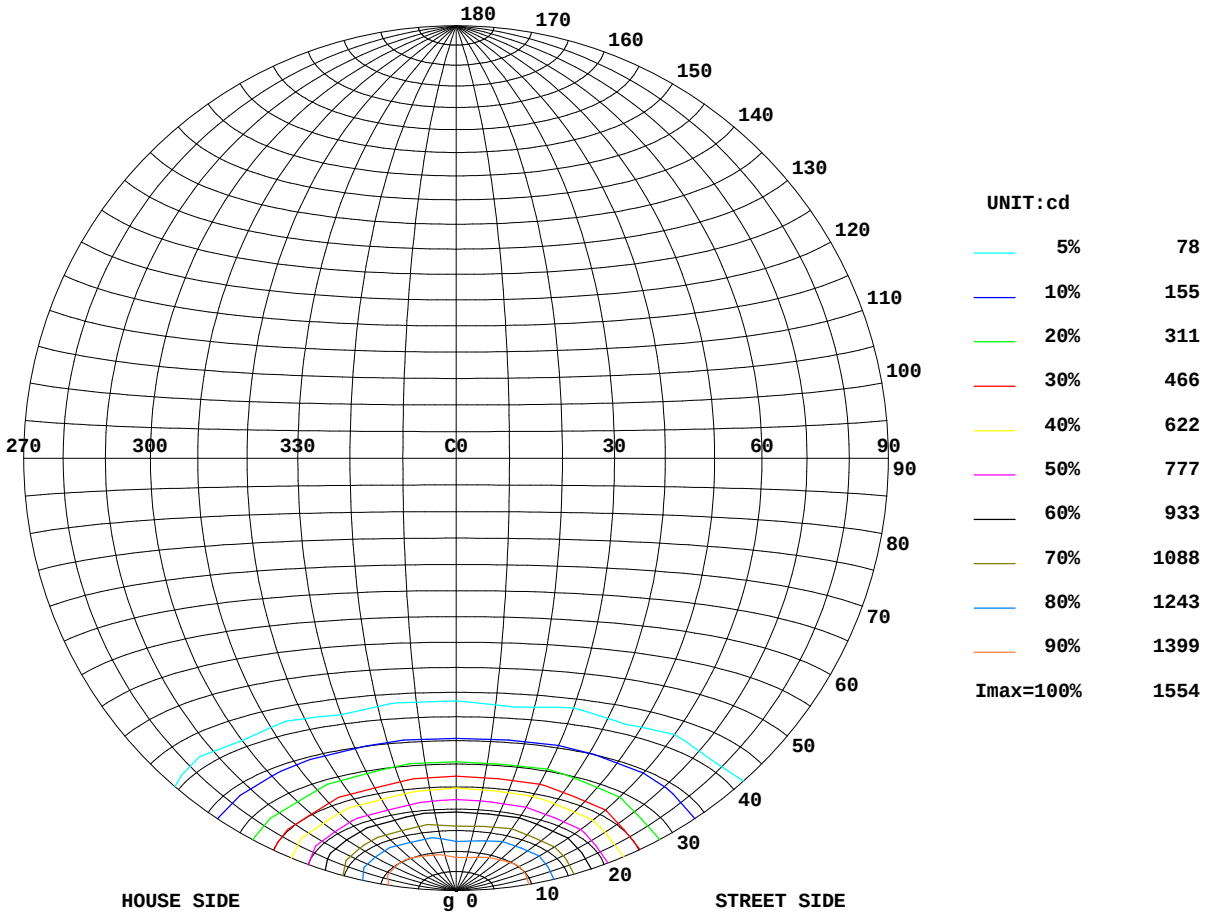
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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

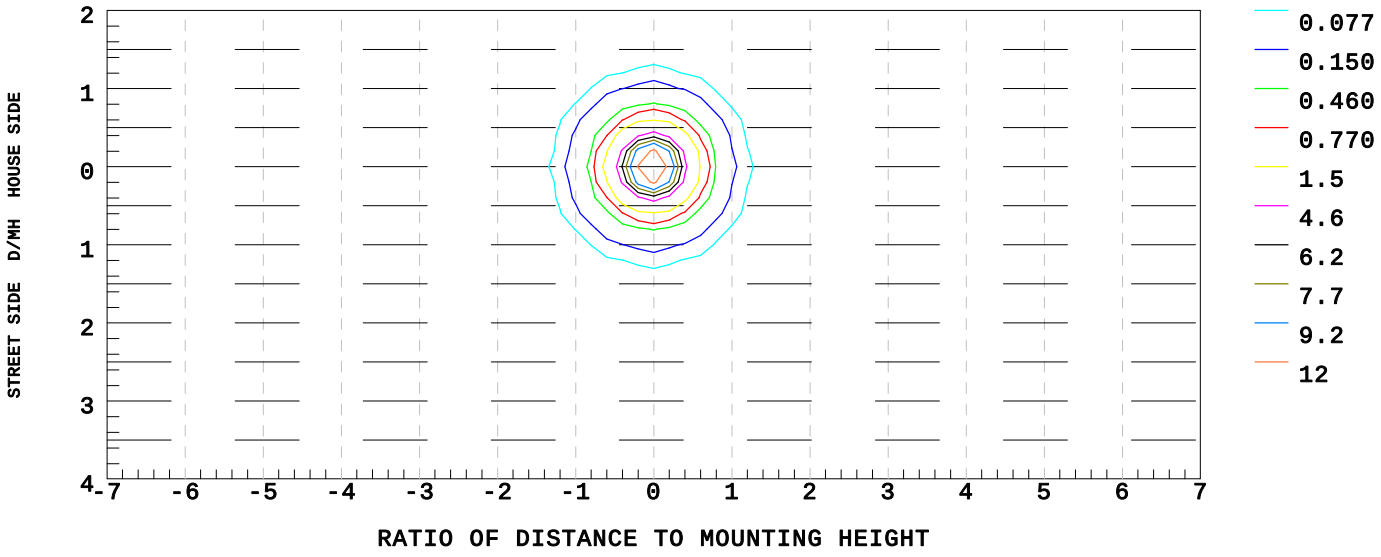
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

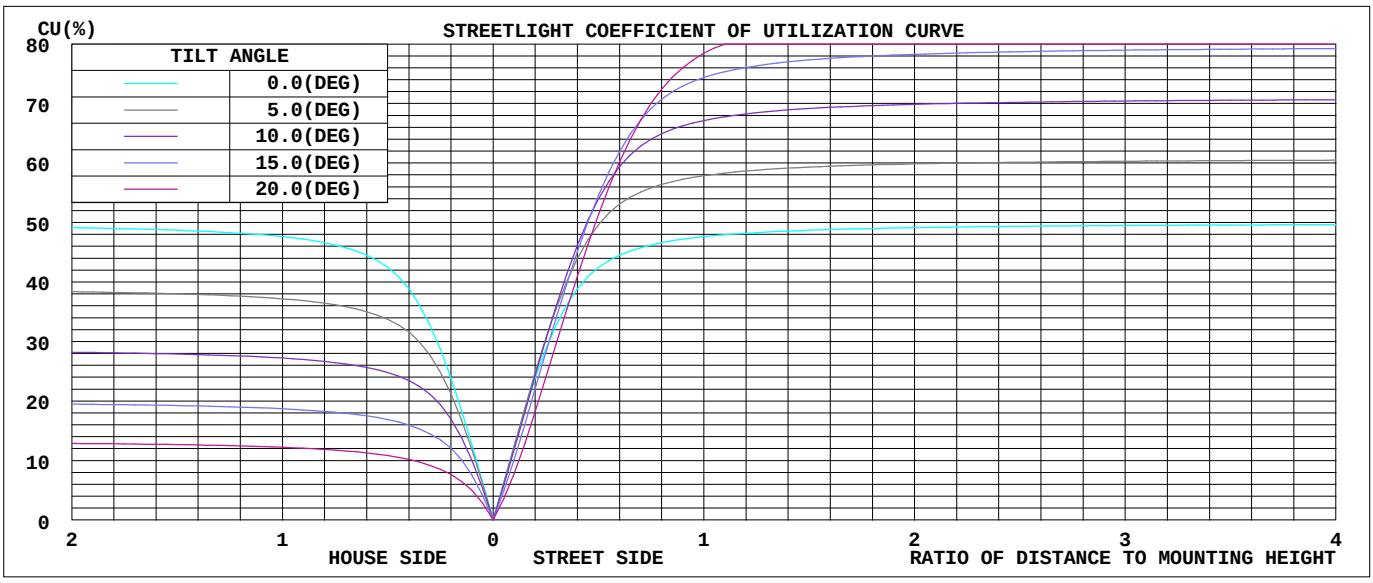
ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 15.42 lx





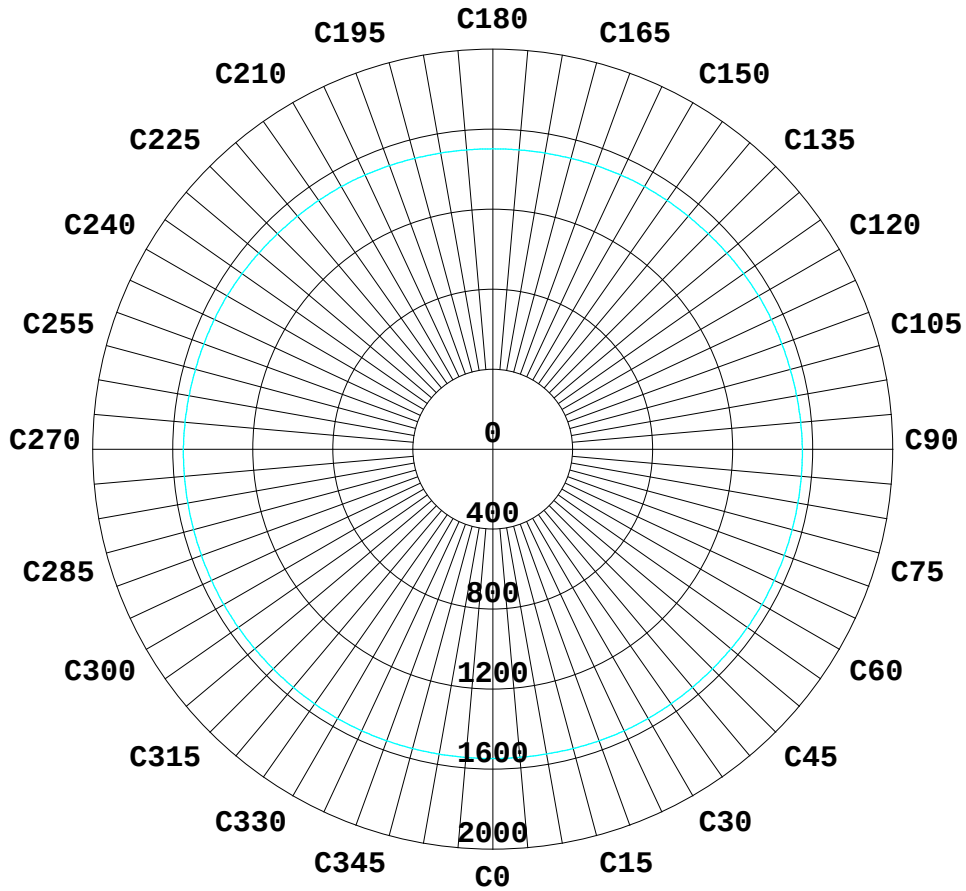
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年11月18日

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	1542	1540	1540	1539	1539	1538	1537	1536	1537	1535	1536	1534	1534	1534	1536
5.0	1504	1512	1530	1529	1535	1529	1524	1504	1492	1463	1453	1427	1424	1427	1453
10.0	1340	1353	1380	1390	1403	1393	1388	1359	1342	1305	1283	1249	1238	1249	1283
15.0	1132	1148	1172	1156	1159	1137	1133	1097	1090	1060	1055	1019	1007	1019	1055
20.0	898	883	896	848	861	811	821	772	788	757	784	746	744	746	784
25.0	605	590	587	545	528	473	475	462	487	476	495	468	460	468	495
30.0	330	322	327	289	270	235	239	240	257	251	260	252	237	252	260
35.0	169	164	172	151	142	135	141	129	137	130	134	123	131	123	134
40.0	102	95.9	102	91.2	95.3	85.7	89.8	81.5	87.3	80.0	85.0	75.5	80.7	75.5	85.0
45.0	65.6	60.4	65.4	57.6	60.9	52.9	56.4	49.8	54.0	48.3	52.2	46.1	50.4	46.1	52.2
50.0	42.8	38.9	42.8	37.6	40.5	35.2	38.5	33.9	37.2	32.7	35.8	31.4	35.0	31.4	35.8
55.0	31.1	27.9	31.0	27.0	29.4	25.5	28.4	24.9	27.7	24.1	26.6	23.0	26.0	23.0	26.6
60.0	24.0	21.2	23.8	20.2	22.1	18.7	21.3	18.3	20.7	17.4	19.5	16.6	19.2	16.6	19.5
65.0	18.1	15.9	18.2	15.2	17.0	14.3	16.7	14.2	16.3	13.6	15.4	12.8	15.1	12.8	15.4
70.0	14.1	12.0	14.0	11.7	13.3	11.0	12.9	10.8	12.5	10.4	12.1	10.0	11.9	10.0	12.1
75.0	11.1	9.21	10.8	9.02	10.5	8.57	10.2	8.32	9.85	8.06	9.59	7.74	9.40	7.74	9.59
80.0	8.96	7.36	8.76	7.16	8.57	6.78	8.25	6.59	7.93	6.40	7.74	6.14	7.55	6.14	7.74
85.0	7.10	5.76	6.97	5.56	6.72	5.24	6.52	5.05	6.27	4.86	6.08	4.67	5.88	4.67	6.08
90.0	5.37	4.48	5.31	4.41	5.12	4.22	4.99	4.09	4.86	4.09	4.86	4.03	4.86	4.03	4.86

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	1535	1537	1536	1537	1538	1539	1539	1540	1540
5.0	1463	1492	1504	1524	1529	1535	1529	1530	1512
10.0	1305	1342	1359	1388	1393	1403	1390	1380	1353
15.0	1060	1090	1097	1133	1137	1159	1156	1172	1148
20.0	757	788	772	821	811	861	848	896	883
25.0	476	487	462	475	473	528	545	587	590
30.0	251	257	240	239	235	270	289	327	322
35.0	130	137	129	141	135	142	151	172	164
40.0	80.0	87.3	81.5	89.8	85.7	95.3	91.2	102	95.9
45.0	48.3	54.0	49.8	56.4	52.9	60.9	57.6	65.4	60.4
50.0	32.7	37.2	33.9	38.5	35.2	40.5	37.6	42.8	38.9
55.0	24.1	27.7	24.9	28.4	25.5	29.4	27.0	31.0	27.9
60.0	17.4	20.7	18.3	21.3	18.7	22.1	20.2	23.8	21.2
65.0	13.6	16.3	14.2	16.7	14.3	17.0	15.2	18.2	15.9
70.0	10.4	12.5	10.8	12.9	11.0	13.3	11.7	14.0	12.0
75.0	8.06	9.85	8.32	10.2	8.57	10.5	9.02	10.8	9.21
80.0	6.40	7.93	6.59	8.25	6.78	8.57	7.16	8.76	7.36
85.0	4.86	6.27	5.05	6.52	5.24	6.72	5.56	6.97	5.76
90.0	4.09	4.86	4.09	4.99	4.22	5.12	4.41	5.31	4.48

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:**