

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

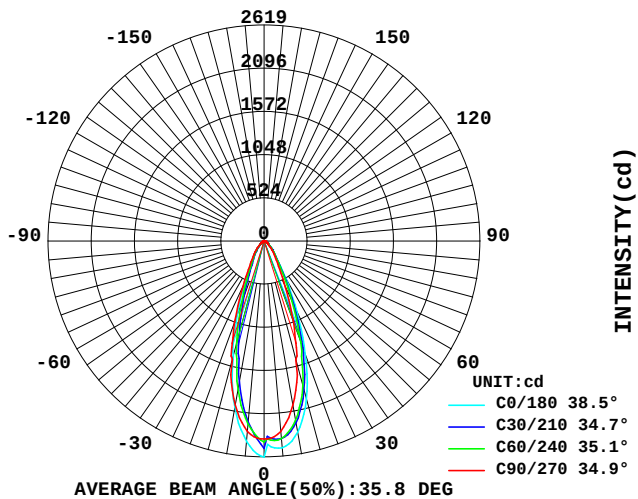
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number :

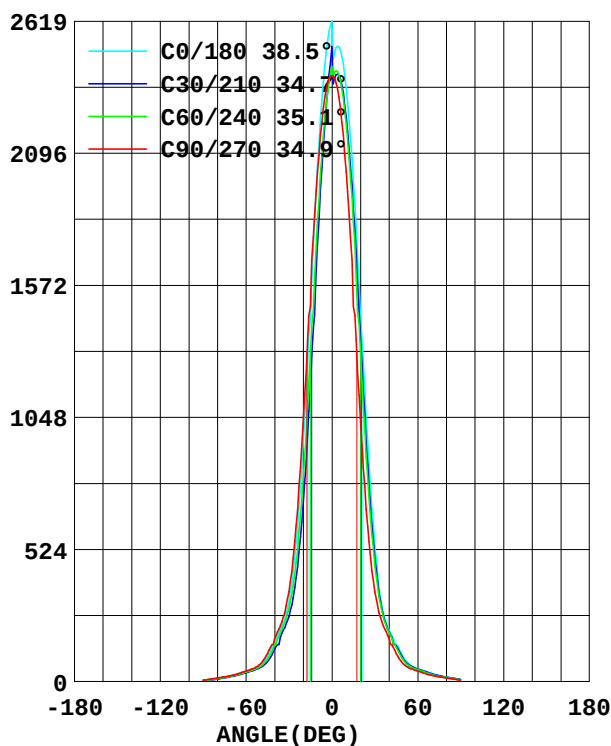
MANUFACTURER :	Address :		
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG	
SPECIFICATION : HCP1032001-WW	DIMENSION :	SERIAL No. : 20220728	

DATA OF LAMP		Imax(cd)	2619	S/MH(C0/180)	0.54
MODEL	HCP1032001-WW	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.60
NOMINAL POWER(W)	16	TOTAL FLUX(lm)	1285.4	Voltage(V)	225.6
RATED VOLTAGE(V)	226	EFFICIENCY(lm/W)	80.2	Current(A)	0.074
NOMINAL FLUX(lm)	1285.5	h up(%)	0.0	Power(W)	16.02
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	0.949
TEST VOLTAGE(V)	225.7	Effective Flux(lm)	999.7	EEI	0.209

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOP00 HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2022年08月10日

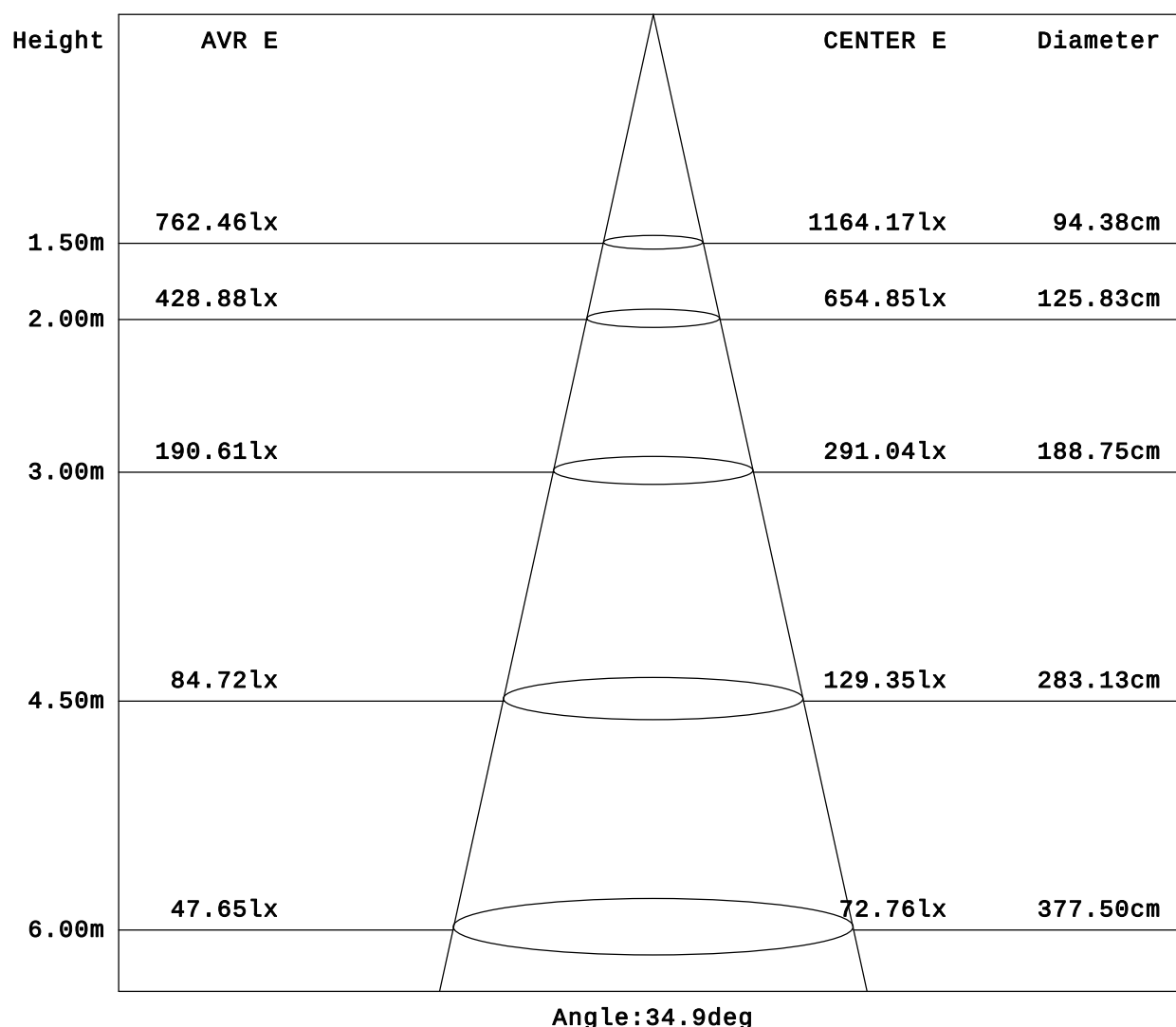
Test Set: 8.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: HCP1032001-WW	TYPE: HCP1032001-WW	WEIGHT: 0.5KG
SPECIFICATION: HCP1032001-WW	DIMENSION:	SERIAL No.: 20220728



Test System: HOP00 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:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: HCP1032001-WW	TYPE: HCP1032001-WW	WEIGHT: 0.5KG
SPECIFICATION: HCP1032001-WW	DIMENSION:	SERIAL No.: 20220728

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	Total
5.0	2445	2177	2318	2346	2517	2346	2318	2177	0- 5	56.97	56.97
10.0	2047	1727	2020	2156	2353	2156	2020	1727	5- 10	156.0	213.0
15.0	1444	1171	1489	1768	1984	1768	1489	1171	10- 15	212.0	425.0
20.0	955.7	708.5	1044	1255	1457	1255	1044	708.5	15- 20	213.0	638.0
25.0	550.8	414.7	615.1	771.9	950.5	771.9	615.1	414.7	20- 25	173.7	811.8
30.0	315.2	258.0	355.6	438.6	537.4	438.6	355.6	258.0	25- 30	123.5	935.4
35.0	220.0	189.5	238.1	264.8	300.7	264.8	238.1	189.5	30- 35	87.32	1023
40.0	148.4	125.1	170.8	187.5	203.2	187.5	170.8	125.1	35- 40	66.63	1089
45.0	99.96	75.39	110.6	128.4	147.6	128.4	110.6	75.39	40- 45	50.45	1140
50.0	65.91	53.24	70.52	80.12	97.15	80.12	70.52	53.24	45- 50	35.85	1176
55.0	50.11	41.72	51.90	55.61	64.70	55.61	51.90	41.72	50- 55	26.09	1202
60.0	40.44	32.95	41.40	44.54	50.87	44.54	41.40	32.95	55- 60	21.33	1223
65.0	31.55	25.21	32.63	36.22	41.59	36.22	32.63	25.21	60- 65	17.86	1241
70.0	23.61	18.75	24.51	27.32	32.12	27.32	24.51	18.75	65- 70	14.35	1255
75.0	17.98	13.88	18.94	20.09	23.87	20.09	18.94	13.88	70- 75	11.18	1267
80.0	12.92	9.344	14.40	15.61	18.36	15.61	14.40	9.344	75- 80	8.540	1275
85.0	8.063	5.120	9.728	11.26	13.69	11.26	9.728	5.120	80- 85	6.180	1281
90.0	5.440	4.928	5.760	7.424	8.832	7.424	5.760	4.928	85- 90	4.153	1285
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:HOP00 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:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

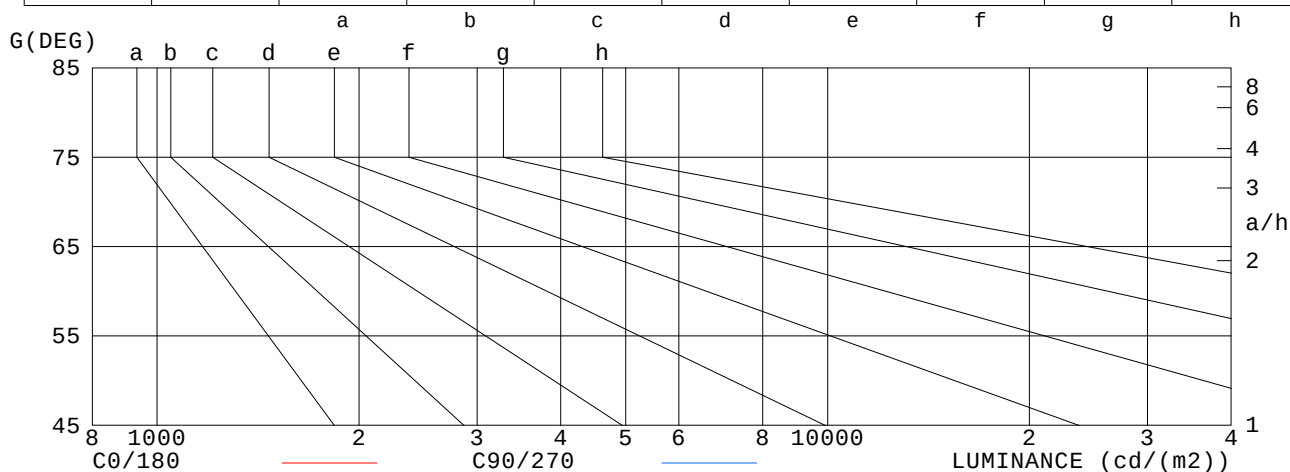
LUMINANCE LIMITATION CURVES

Report number :

MANUFACTURER :	Address :		
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG	
SPECIFICATION : HCP1032001-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



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	463	558
80	372	415
75	347	366
70	345	358
65	373	386
60	404	414
55	437	452
50	513	549
45	707	782

Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年08月10日

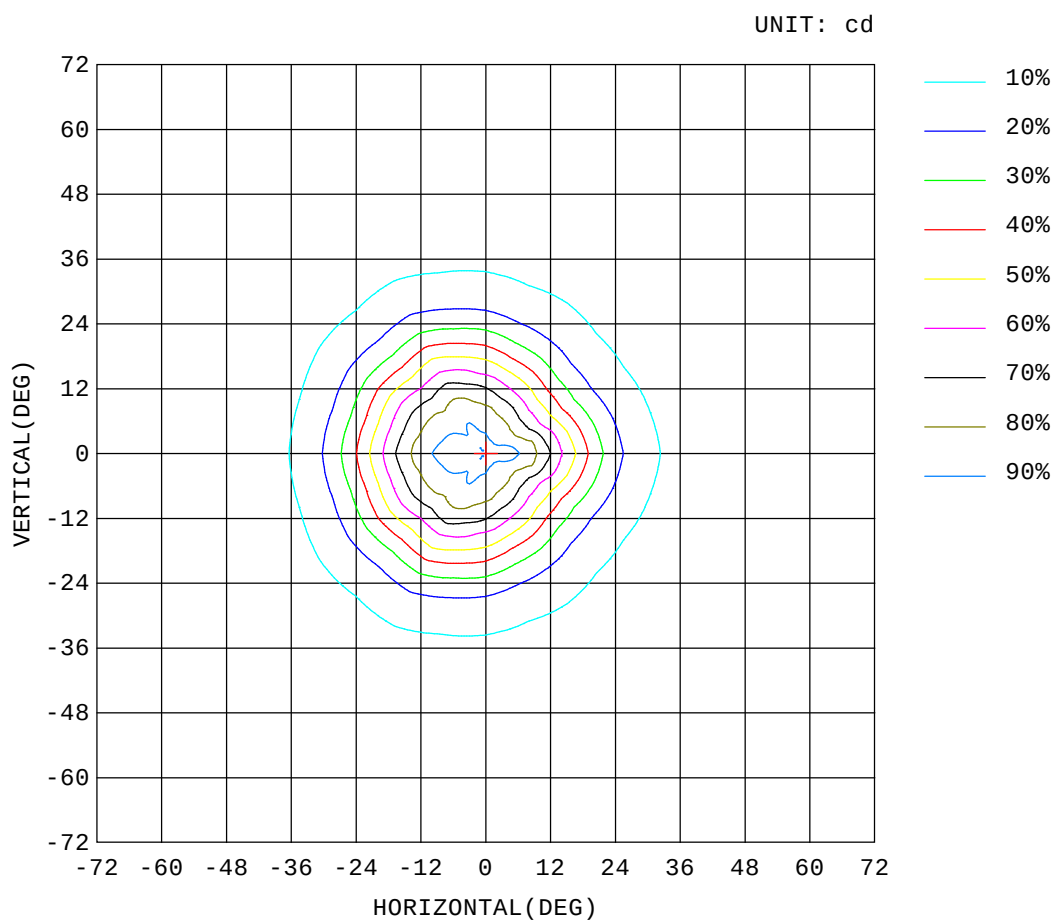
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number :

MANUFACTURER :	Address :	
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG
SPECIFICATION : HCP1032001-WW	DIMENSION :	SERIAL No. : 20220728



Test System: HOP00 HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022年08月10日

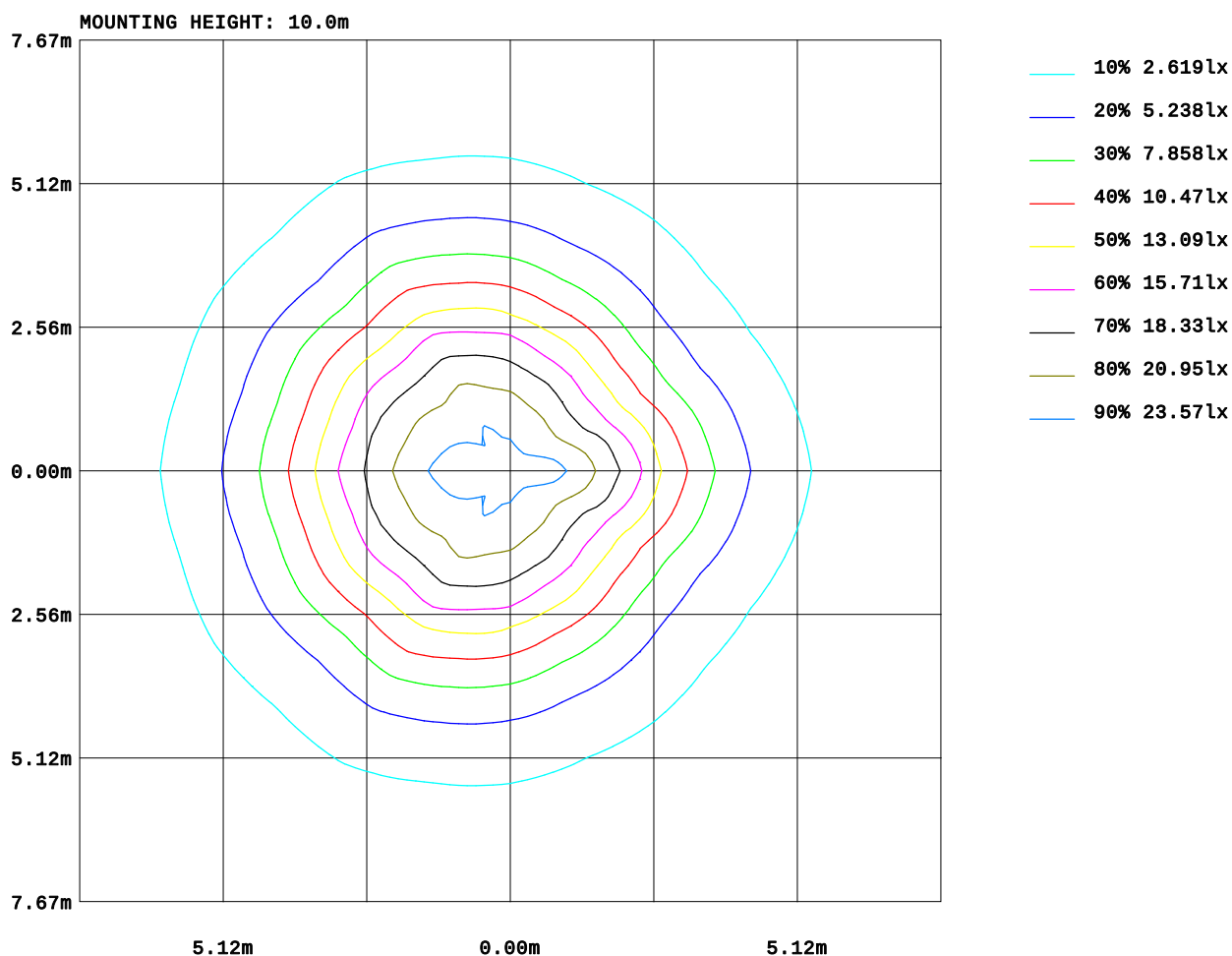
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number :

MANUFACTURER :	Address :	
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG
SPECIFICATION : HCP1032001-WW	DIMENSION :	SERIAL No. : 20220728



Test System: HOP00 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:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number :

MANUFACTURER :	Address :		
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG	
SPECIFICATION : HCP1032001-WW	DIMENSION :	SERIAL No. : 20220728	

72	AREA FLUX DIAGRAM																		UNIT:lm		F t	F a
	0.11	0.18	0.24	0.30	0.38	0.47	0.50	0.51	0.54	0.51	0.45	0.41	0.36	0.28	0.21	0.16	0.11	0.06	5.78	0.00		
64	0.13	0.21	0.32	0.42	0.54	0.68	0.74	0.77	0.80	0.77	0.68	0.62	0.52	0.39	0.29	0.21	0.14	0.08	8.32	0.00		
56	0.14	0.26	0.41	0.56	0.71	0.91	1.07	1.14	1.21	1.15	0.99	0.87	0.72	0.53	0.39	0.28	0.18	0.10	11.6	0.00		
48	0.17	0.31	0.50	0.70	0.94	1.38	1.94	2.25	2.40	2.21	1.76	1.35	0.96	0.69	0.51	0.35	0.21	0.12	18.7	0.00		
40	0.19	0.36	0.58	0.91	1.47	2.36	3.40	4.17	4.44	4.12	3.38	2.45	1.47	0.92	0.64	0.43	0.25	0.13	31.7	2.34		
32	0.21	0.39	0.66	1.22	2.26	3.58	5.67	8.31	9.12	7.85	5.68	3.89	2.42	1.34	0.78	0.49	0.29	0.15	54.3	34.7		
24	0.23	0.43	0.75	1.59	3.01	5.58	10.6	18.1	21.0	17.4	10.9	5.83	3.49	1.99	0.99	0.55	0.33	0.17	103	87.8		
VERTICAL (DEG)	0.25	0.47	0.87	1.92	3.70	8.42	18.7	30.3	36.6	31.0	19.1	9.66	4.77	2.71	1.26	0.63	0.36	0.18	171	158		
	0.26	0.49	0.98	2.17	4.32	11.1	24.8	39.5	45.5	41.8	29.8	15.4	6.41	3.16	1.51	0.69	0.39	0.19	229	217		
	0.26	0.49	0.98	2.17	4.32	11.1	24.8	39.5	45.5	41.8	29.8	15.4	6.41	3.16	1.51	0.69	0.39	0.19	229	217		
	0.25	0.47	0.87	1.92	3.70	8.42	18.7	30.3	36.6	31.0	19.1	9.66	4.77	2.71	1.26	0.63	0.36	0.18	171	158		
	0.23	0.43	0.75	1.59	3.01	5.58	10.6	18.1	21.0	17.4	10.9	5.83	3.49	1.99	0.99	0.55	0.33	0.17	103	87.8		
	0.21	0.39	0.66	1.22	2.26	3.58	5.67	8.31	9.12	7.85	5.68	3.89	2.42	1.34	0.78	0.49	0.29	0.15	54.3	34.7		
	0.19	0.36	0.58	0.91	1.47	2.36	3.40	4.17	4.44	4.12	3.38	2.45	1.47	0.92	0.64	0.43	0.25	0.13	31.7	2.34		
	0.17	0.31	0.50	0.70	0.94	1.38	1.94	2.25	2.40	2.21	1.76	1.35	0.96	0.69	0.51	0.35	0.21	0.12	18.7	0.00		
	0.14	0.26	0.41	0.56	0.71	0.91	1.07	1.14	1.21	1.15	0.99	0.87	0.72	0.53	0.39	0.28	0.18	0.10	11.6	0.00		
	0.13	0.21	0.32	0.42	0.54	0.68	0.74	0.77	0.80	0.77	0.68	0.62	0.52	0.39	0.29	0.21	0.14	0.08	8.32	0.00		
	0.11	0.18	0.24	0.30	0.38	0.47	0.50	0.51	0.54	0.51	0.45	0.41	0.36	0.28	0.21	0.16	0.11	0.06	5.78	0.00		
	-24	0.23	0.43	0.75	1.59	3.01	5.58	10.6	18.1	21.0	17.4	10.9	5.83	3.49	1.99	0.99	0.55	0.33	0.17	103	87.8	
-32	0.21	0.39	0.66	1.22	2.26	3.58	5.67	8.31	9.12	7.85	5.68	3.89	2.42	1.34	0.78	0.49	0.29	0.15	54.3	34.7		
-40	0.19	0.36	0.58	0.91	1.47	2.36	3.40	4.17	4.44	4.12	3.38	2.45	1.47	0.92	0.64	0.43	0.25	0.13	31.7	2.34		
-48	0.17	0.31	0.50	0.70	0.94	1.38	1.94	2.25	2.40	2.21	1.76	1.35	0.96	0.69	0.51	0.35	0.21	0.12	18.7	0.00		
-56	0.14	0.26	0.41	0.56	0.71	0.91	1.07	1.14	1.21	1.15	0.99	0.87	0.72	0.53	0.39	0.28	0.18	0.10	11.6	0.00		
-64	0.13	0.21	0.32	0.42	0.54	0.68	0.74	0.77	0.80	0.77	0.68	0.62	0.52	0.39	0.29	0.21	0.14	0.08	8.32	0.00		
-72	0.11	0.18	0.24	0.30	0.38	0.47	0.50	0.51	0.54	0.51	0.45	0.41	0.36	0.28	0.21	0.16	0.11	0.06	5.78	0.00		
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
F t	3.38	6.21	10.6	19.6	34.7	69.0	135	210	243	214	146	81.1	42.2	24.0	13.1	7.59	4.53	2.39	1285			
F a	0.00	0.00	0.00	0.00	7.12	49.1	118	194	227	197	128	60.8	18.4	0.00	0.00	0.00	0.00	0.00		1000		

Test System:HOP00 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:

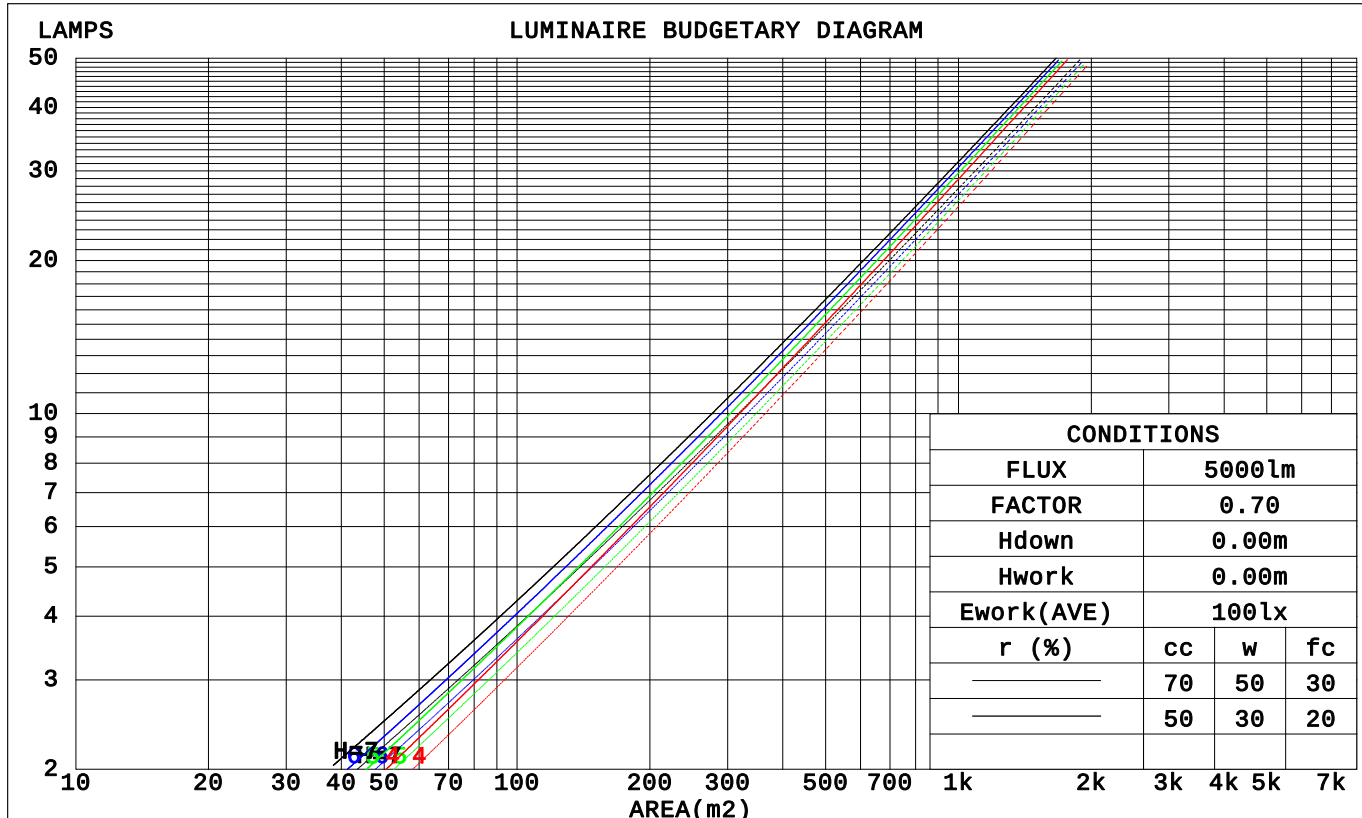
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number :

MANUFACTURER :	Address :		
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG	
SPECIFICATION : HCP1032001-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															



Test System:HOP00 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%
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HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number :

MANUFACTURER :	Address :		
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG	
SPECIFICATION : HCP1032001-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
r/c	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.193	.110	.035	.186	.106	.034	.174	.100	.032	.162	.094	.030	.151	.088	.028	
2.0	.181	.099	.030	.175	.096	.030	.164	.091	.028	.154	.087	.027	.145	.082	.026	
3.0	.169	.090	.027	.164	.088	.026	.155	.084	.025	.146	.080	.025	.139	.077	.024	
4.0	.158	.082	.024	.154	.081	.024	.146	.078	.023	.139	.075	.022	.132	.072	.022	
5.0	.149	.076	.022	.145	.075	.022	.138	.072	.021	.132	.070	.021	.126	.067	.020	
6.0	.140	.070	.020	.137	.069	.020	.131	.067	.020	.126	.065	.019	.120	.063	.019	
7.0	.133	.066	.019	.130	.065	.018	.125	.063	.018	.120	.061	.018	.115	.060	.018	
8.0	.126	.062	.017	.124	.061	.017	.119	.059	.017	.115	.058	.017	.110	.057	.017	
9.0	.120	.058	.016	.118	.057	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016	
10.0	.115	.055	.015	.113	.054	.015	.109	.053	.015	.105	.052	.015	.102	.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
r/c	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	.085	.058	.054	.050	.019	.017	.016	
2.0	.157	.132	.111	.135	.114	.096	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.145	.114	.089	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.134	.099	.072	.115	.086	.062	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.059	.108	.076	.052	.074	.053	.036	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.101	.068	.043	.070	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.111	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

Test System:HOP00 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:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

Uncorrected UGR Table

Report number:

MANUFACTURER:					Address:					
NAME: HCP1032001-WW					TYPE:HCP1032001-WW			WEIGHT:0.5KG		
SPECIFICATION:HCP1032001-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	6.4	5.7	6.6	6.7	5.9	6.8	6.1	7.0	7.2
3H	6.3	7.2	6.6	7.4	7.6	6.7	7.6	7.0	7.8	8.0
4H	6.8	7.6	7.1	7.9	8.1	7.2	8.0	7.5	8.2	8.5
6H	7.3	8.1	7.6	8.3	8.6	7.7	8.5	8.0	8.7	9.0
8H	7.5	8.3	7.8	8.5	8.8	8.0	8.7	8.3	9.0	9.2
12H	7.7	8.5	8.1	8.7	9.0	8.3	9.0	8.6	9.3	9.5
4H 2H	5.7	6.5	6.0	6.8	7.0	6.1	6.9	6.4	7.1	7.4
3H	6.8	7.5	7.1	7.8	8.1	7.1	7.9	7.5	8.1	8.4
4H	7.4	8.1	7.7	8.4	8.7	7.7	8.4	8.1	8.7	9.0
6H	8.0	8.6	8.4	8.9	9.3	8.4	9.0	8.8	9.3	9.7
8H	8.3	8.8	8.7	9.2	9.6	8.7	9.3	9.1	9.7	10.0
12H	8.6	9.1	9.0	9.5	9.9	9.1	9.6	9.5	10.0	10.4
8H 4H	7.6	8.1	7.9	8.5	8.8	7.9	8.4	8.3	8.8	9.2
6H	8.3	8.8	8.7	9.2	9.6	8.7	9.2	9.1	9.6	10.0
8H	8.7	9.1	9.1	9.5	10.0	9.2	9.6	9.6	10.0	10.4
12H	9.1	9.4	9.6	9.9	10.4	9.7	10.0	10.1	10.4	10.9
12H 4H	7.6	8.1	8.0	8.4	8.8	7.9	8.4	8.3	8.8	9.2
6H	8.4	8.8	8.8	9.2	9.6	8.7	9.1	9.2	9.6	10.0
8H	8.8	9.1	9.3	9.6	10.0	9.2	9.6	9.7	10.0	10.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.6					+ 0.7 / - 0.5				
1.5H	+ 1.3 / - 0.6					+ 1.4 / - 0.7				
2.0H	+ 1.2 / - 0.6					+ 1.4 / - 0.7				

CIE Pub.117 Corrected 1285 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.9)

Test System:HOP00 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:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Report number :

MANUFACTURER :	Address :		
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG	
SPECIFICATION : HCP1032001-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) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	82	75	70	81	74	70	66
0.80	90	83	79	89	83	79	88	82	78	74
1.00	95	89	84	94	88	84	92	88	83	79
1.25	100	93	89	98	93	89	96	92	88	83
1.50	103	97	93	101	96	93	99	95	91	86
2.00	106	101	97	105	100	97	102	98	95	89
2.50	108	104	100	106	102	99	103	100	97	91
3.00	110	106	103	108	104	102	105	102	99	93
4.00	112	109	106	110	107	105	106	104	102	95
5.00	114	111	109	112	109	107	108	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年08月10日

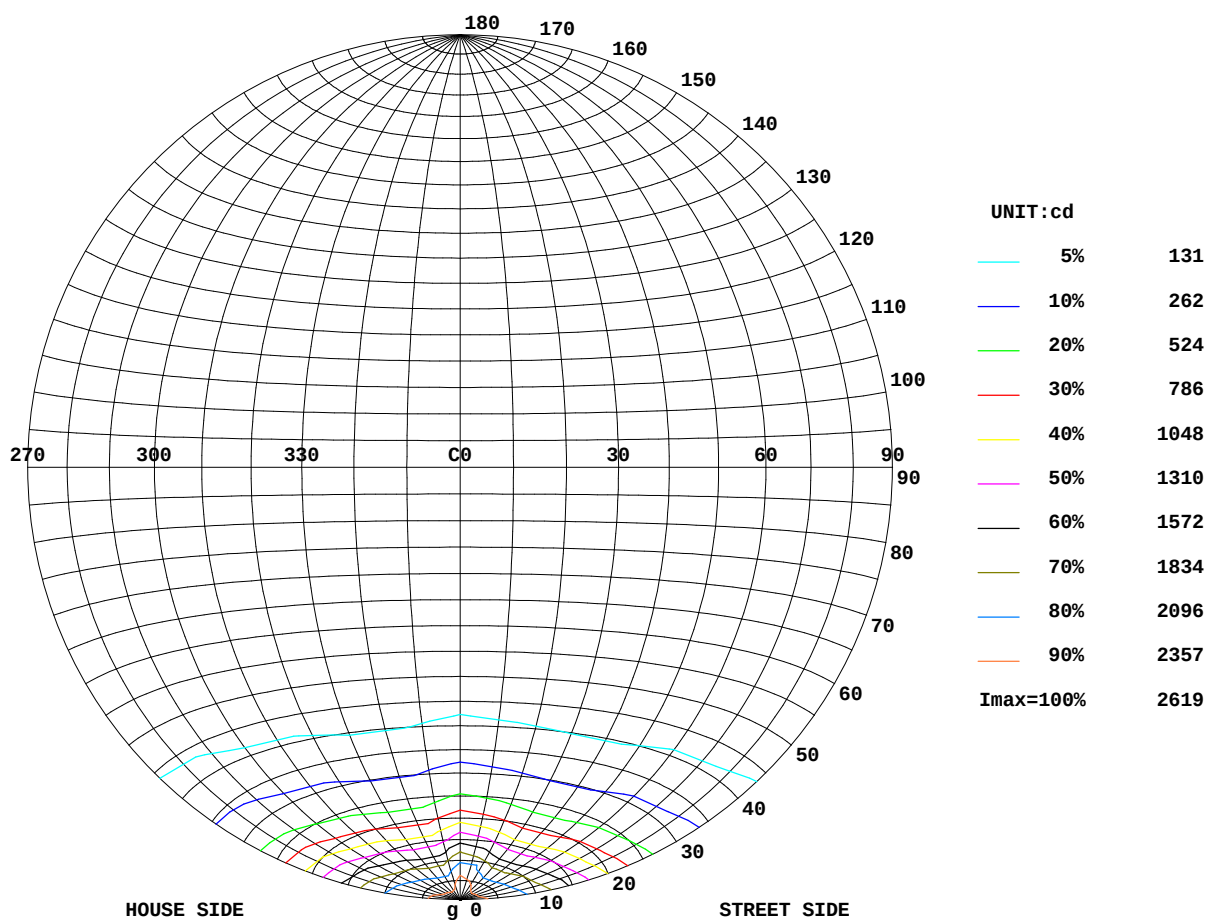
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number :

MANUFACTURER :	Address :	
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG
SPECIFICATION : HCP1032001-WW	DIMENSION :	SERIAL No. : 20220728



Test System: HOP00 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:

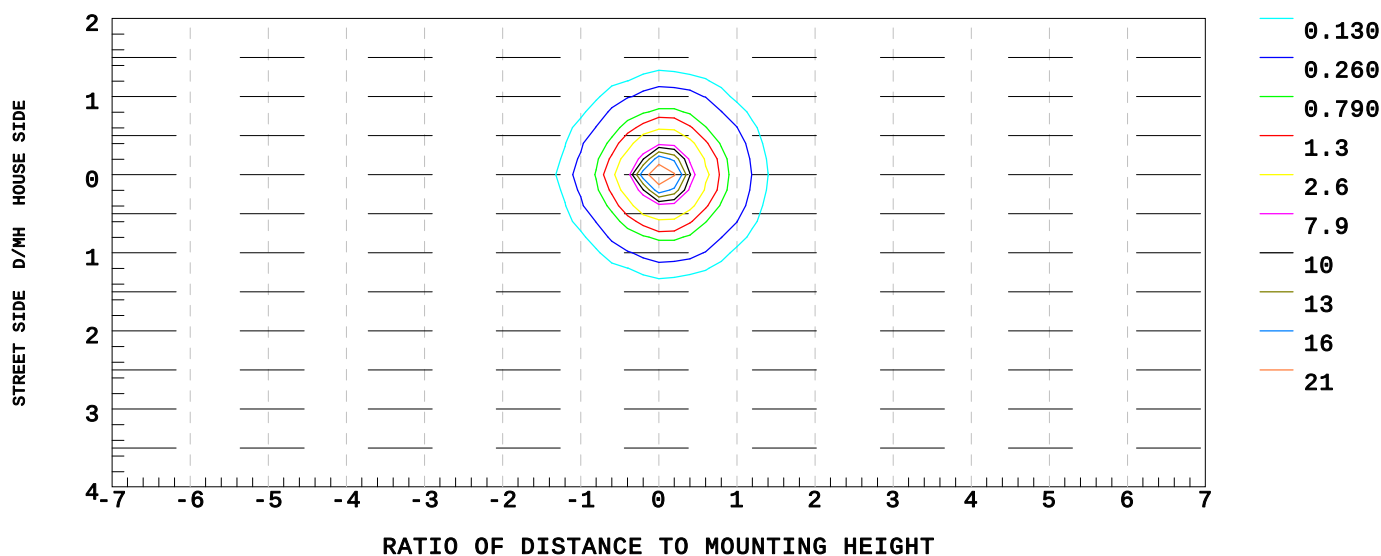
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number :

MANUFACTURER :	Address :	
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG
SPECIFICATION : HCP1032001-WW	DIMENSION :	SERIAL No. : 20220728

ILLUMINANCE AT MH=10 m, Enadir = 26.19 lx



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年08月10日

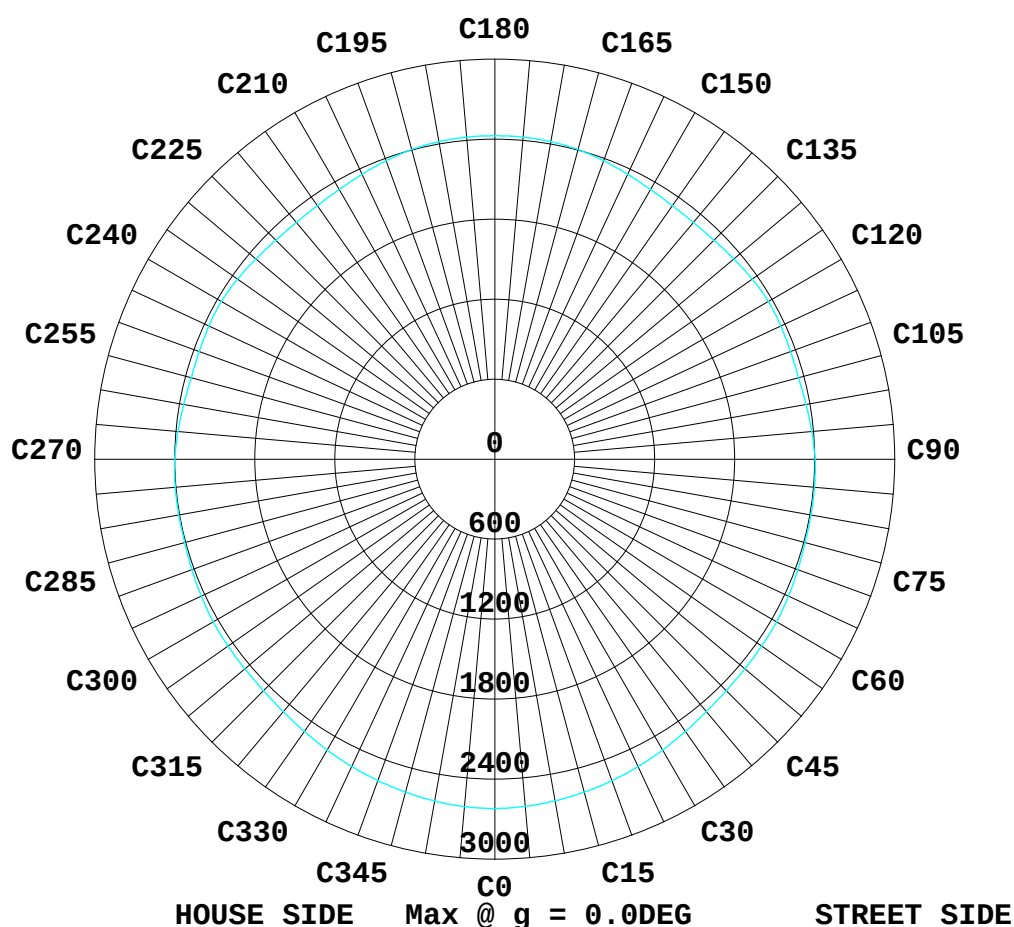
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number :

MANUFACTURER :	Address :	
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG
SPECIFICATION : HCP1032001-WW	DIMENSION :	SERIAL No. : 20220728



Test System:HOP00 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:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number :

MANUFACTURER :	Address :	
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG
SPECIFICATION : HCP1032001-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	2619	2585	2518	2454	2440	2409	2402	2358	2369	2324	2336	2406	2426	2406	2336
5.0	2445	2354	2212	2177	2231	2251	2318	2335	2405	2346	2404	2465	2517	2465	2404
10.0	2047	1959	1737	1727	1826	1898	2020	2094	2209	2156	2237	2283	2353	2283	2237
15.0	1444	1367	1168	1171	1290	1387	1489	1660	1821	1768	1872	1896	1984	1896	1872
20.0	956	837	717	709	815	879	1044	1138	1316	1255	1374	1369	1457	1369	1374
25.0	551	483	411	415	469	516	615	695	806	772	861	873	951	873	861
30.0	315	285	258	258	288	309	356	395	460	439	491	490	537	490	491
35.0	220	210	192	190	207	212	238	247	282	265	289	278	301	278	289
40.0	148	143	129	125	145	151	171	182	194	188	196	210	203	210	196
45.0	99.9	86.4	78.8	75.3	88.7	92.1	111	117	136	128	143	138	148	138	143
50.0	65.9	58.1	56.5	53.2	60.4	60.4	70.5	72.8	85.2	80.1	91.0	87.1	97.1	87.1	91.0
55.0	50.1	44.4	44.4	41.7	46.7	45.7	51.9	51.7	58.9	55.6	61.8	58.8	64.7	58.8	61.8
60.0	40.4	35.7	35.3	32.9	37.5	36.6	41.4	40.8	46.6	44.5	49.2	46.7	50.8	46.7	49.2
65.0	31.5	27.5	27.0	25.2	29.0	28.1	32.6	32.5	37.7	36.2	40.2	38.0	41.5	38.0	40.2
70.0	23.6	20.2	20.4	18.7	21.7	21.1	24.5	24.3	28.4	27.3	30.7	28.9	32.1	28.9	30.7
75.0	17.9	15.2	15.2	13.8	16.6	16.1	18.9	18.3	21.3	20.0	22.9	21.1	23.8	21.1	22.9
80.0	12.9	10.4	10.4	9.34	11.8	11.5	14.4	14.2	16.5	15.6	17.7	16.2	18.3	16.2	17.7
85.0	8.06	6.20	5.95	5.12	7.36	7.29	9.72	9.79	11.8	11.2	13.0	11.9	13.6	11.9	13.0
90.0	5.44	4.80	5.44	4.92	5.63	5.05	5.76	5.88	7.10	7.42	8.32	7.93	8.83	7.93	8.32

Test System:HOP00 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:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number :

MANUFACTURER :	Address :	
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG
SPECIFICATION : HCP1032001-WW	DIMENSION :	SERIAL No. : 20220728

UNIT: cd

g (DEG) \ C (DEG)	225	240	255	270	285	300	315	330	345
0.0	2324	2369	2358	2402	2409	2440	2454	2518	2585
5.0	2346	2405	2335	2318	2251	2231	2177	2212	2354
10.0	2156	2209	2094	2020	1898	1826	1727	1737	1959
15.0	1768	1821	1660	1489	1387	1290	1171	1168	1367
20.0	1255	1316	1138	1044	879	815	709	717	837
25.0	772	806	695	615	516	469	415	411	483
30.0	439	460	395	356	309	288	258	258	285
35.0	265	282	247	238	212	207	190	192	210
40.0	188	194	182	171	151	145	125	129	143
45.0	128	136	117	111	92.1	88.7	75.3	78.8	86.4
50.0	80.1	85.2	72.8	70.5	60.4	60.4	53.2	56.5	58.1
55.0	55.6	58.9	51.7	51.9	45.7	46.7	41.7	44.4	44.4
60.0	44.5	46.6	40.8	41.4	36.6	37.5	32.9	35.3	35.7
65.0	36.2	37.7	32.5	32.6	28.1	29.0	25.2	27.0	27.5
70.0	27.3	28.4	24.3	24.5	21.1	21.7	18.7	20.4	20.2
75.0	20.0	21.3	18.3	18.9	16.1	16.6	13.8	15.2	15.2
80.0	15.6	16.5	14.2	14.4	11.5	11.8	9.34	10.4	10.4
85.0	11.2	11.8	9.79	9.72	7.29	7.36	5.12	5.95	6.20
90.0	7.42	7.10	5.88	5.76	5.05	5.63	4.92	5.44	4.80

Test System:HOP00 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: