

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

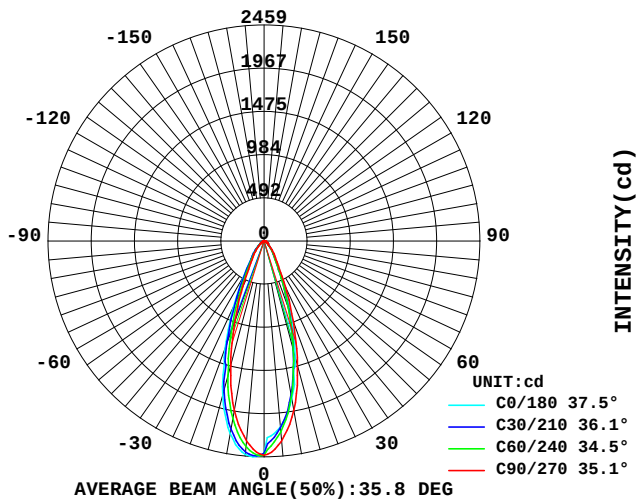
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number :

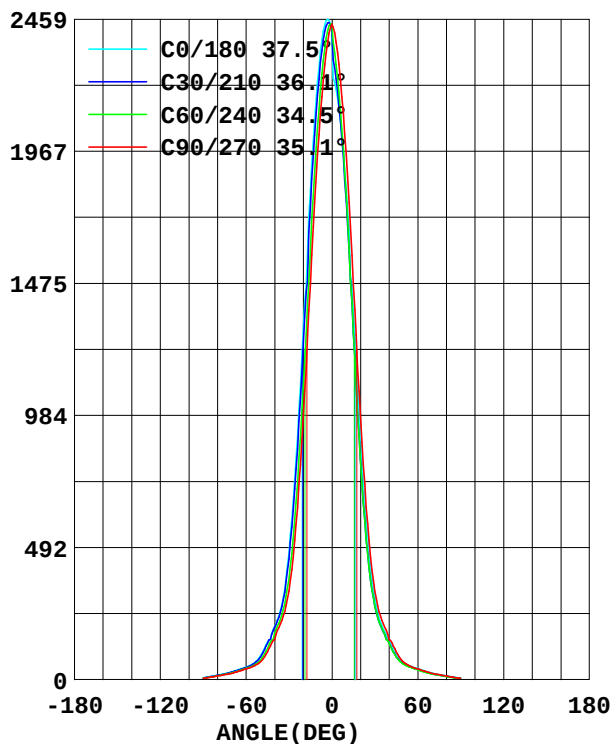
MANUFACTURER :	Address :		
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG	
SPECIFICATION : HCP1032001-WW	DIMENSION :	SERIAL No. : 20220728	

DATA OF LAMP		Imax(cd)	2459	S/MH(C0/180)	0.66
MODEL	HCP1032001-WW	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.58
NOMINAL POWER(W)	16	TOTAL FLUX(lm)	1213.0	Voltage(V)	225.6
RATED VOLTAGE(V)	226	EFFICIENCY(lm/W)	78.5	Current(A)	0.072
NOMINAL FLUX(lm)	1213.0	h up(%)	0.0	Power(W)	15.45
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	0.947
TEST VOLTAGE(V)	225.7	Effective Flux(lm)	942.5	EEI	0.211

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

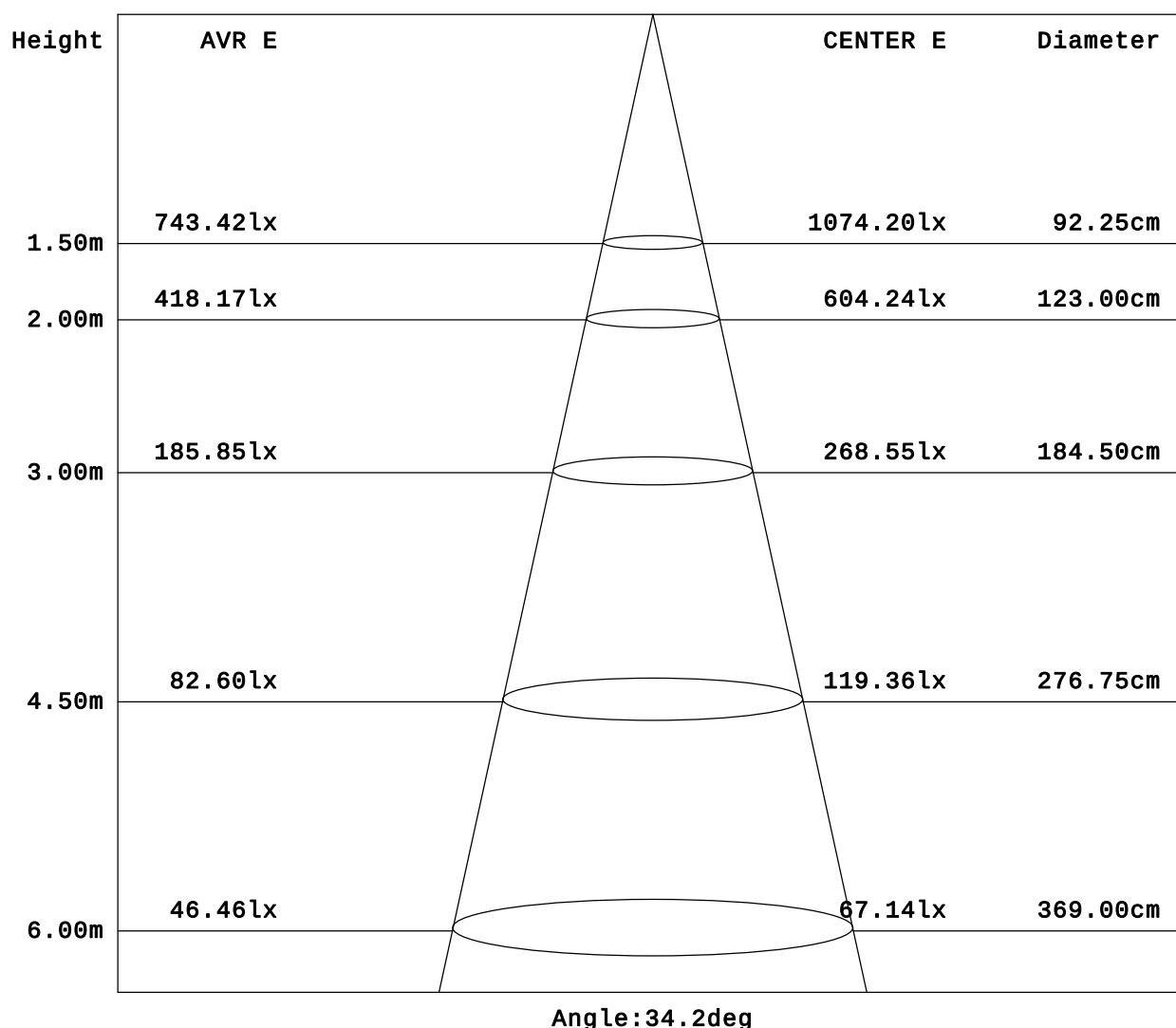
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

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	2440	2382	2291	2111	2129	2111	2291	2382	0- 5	55.62	55.62
10.0	2224	2117	1954	1731	1824	1731	1954	2117	5- 10	150.8	206.4
15.0	1818	1678	1470	1227	1367	1227	1470	1678	10- 15	203.1	409.6
20.0	1309	1148	987.4	750.8	917.2	750.8	987.4	1148	15- 20	201.1	610.7
25.0	820.4	713.0	580.0	430.2	534.7	430.2	580.0	713.0	20- 25	161.8	772.6
30.0	468.7	404.2	329.1	254.2	303.2	254.2	329.1	404.2	25- 30	113.7	886.3
35.0	279.3	247.9	221.5	178.8	201.6	178.8	221.5	247.9	30- 35	80.12	966.4
40.0	197.5	182.5	148.2	123.4	147.9	123.4	148.2	182.5	35- 40	62.52	1029
45.0	140.6	118.7	102.8	75.83	97.08	75.83	102.8	118.7	40- 45	47.64	1077
50.0	88.44	73.15	66.36	53.63	64.70	53.63	66.36	73.15	45- 50	33.35	1110
55.0	59.58	51.07	49.53	42.30	50.17	42.30	49.53	51.07	50- 55	24.61	1135
60.0	46.01	40.19	39.80	33.72	40.70	33.72	39.80	40.19	55- 60	20.23	1155
65.0	37.50	32.00	31.16	25.60	32.00	25.60	31.16	32.00	60- 65	16.87	1172
70.0	28.80	24.12	23.61	19.00	23.87	19.00	23.61	24.12	65- 70	13.46	1185
75.0	21.56	17.92	18.24	14.52	18.17	14.52	18.24	17.92	70- 75	10.52	1196
80.0	16.57	13.24	13.56	10.24	13.82	10.24	13.56	13.24	75- 80	8.127	1204
85.0	11.39	8.512	8.832	6.080	9.344	6.080	8.832	8.512	80- 85	5.710	1210
90.0	6.464	4.480	5.120	4.608	5.440	4.608	5.120	4.480	85- 90	3.495	1213
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

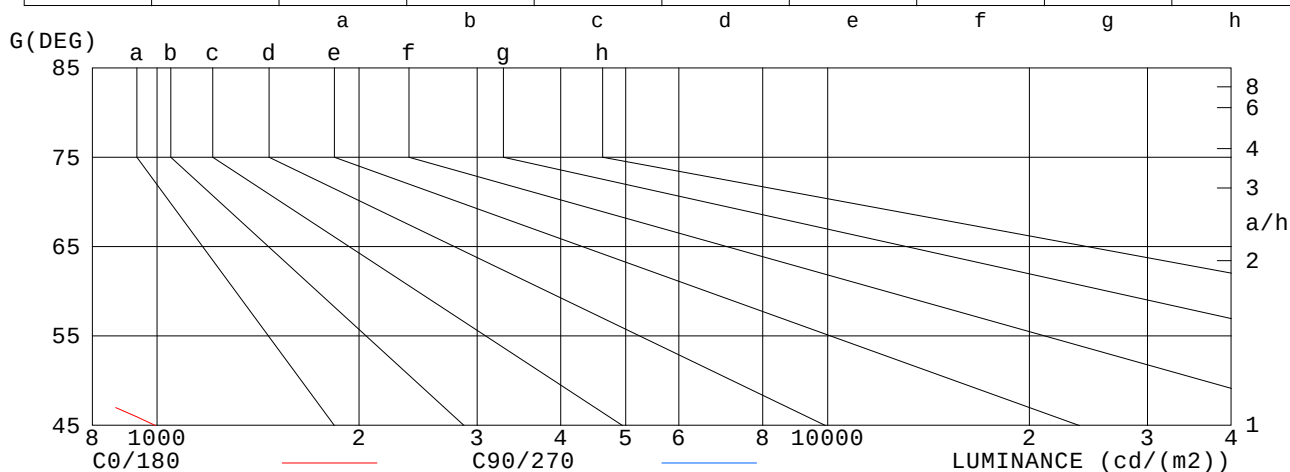
LUMINANCE LIMITATION CURVES

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	654	507
80	477	391
75	417	352
70	421	345
65	444	369
60	460	398
55	519	432
50	688	516
45	994	727

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

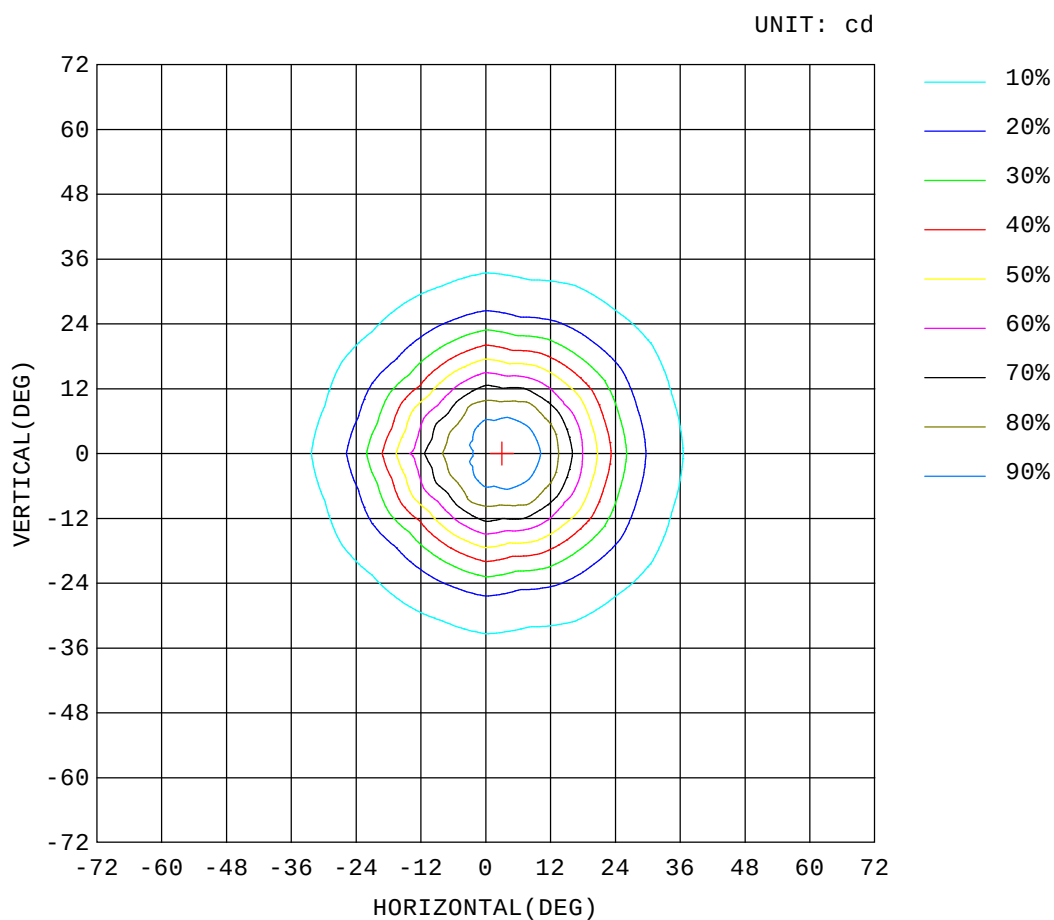
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

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

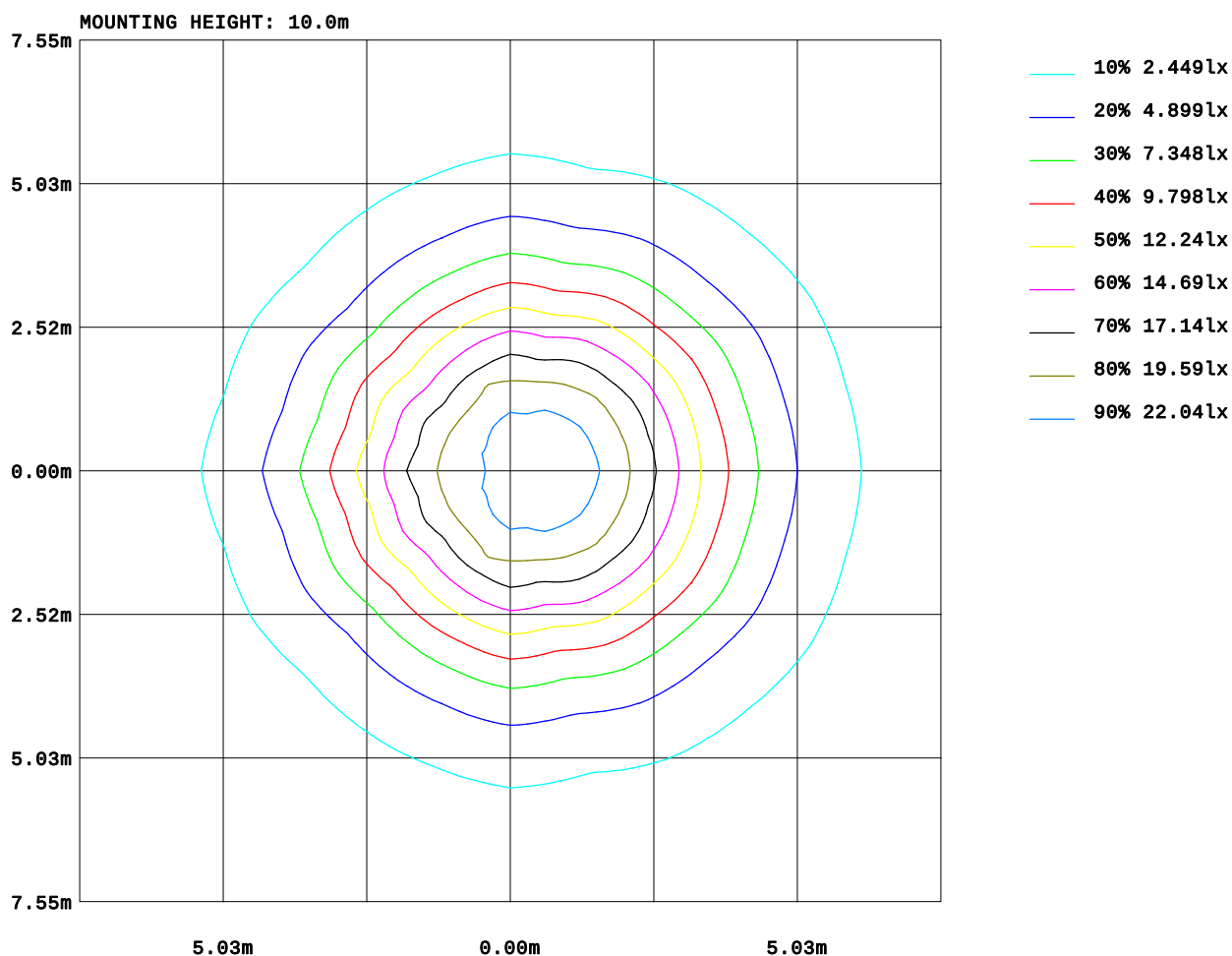
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks:

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	

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm	F t	F a
	0.07	0.13	0.17	0.22	0.28	0.35	0.39	0.44	0.49	0.50	0.45	0.44	0.41	0.34	0.27	0.22	0.16	0.10	5.41	0.00
72	0.09	0.16	0.23	0.29	0.39	0.51	0.59	0.66	0.74	0.75	0.68	0.66	0.60	0.48	0.37	0.29	0.20	0.11	7.80	0.00
64	0.11	0.19	0.30	0.41	0.54	0.70	0.84	0.95	1.09	1.11	1.00	0.94	0.82	0.64	0.50	0.37	0.24	0.13	10.8	0.00
56	0.12	0.22	0.37	0.54	0.70	0.94	1.28	1.66	2.07	2.13	1.86	1.65	1.22	0.86	0.64	0.46	0.28	0.15	17.2	0.00
48	0.13	0.26	0.45	0.67	0.94	1.45	2.31	3.16	3.84	3.95	3.58	3.04	2.17	1.35	0.84	0.53	0.32	0.17	29.2	0.78
40	0.15	0.29	0.50	0.81	1.42	2.40	3.70	5.40	7.46	7.82	6.79	5.04	3.47	2.17	1.14	0.61	0.35	0.19	49.7	30.3
32	0.17	0.33	0.55	0.98	2.02	3.51	5.97	11.0	17.0	18.2	15.3	9.65	5.22	2.96	1.49	0.69	0.39	0.21	95.8	81.6
24	0.18	0.37	0.62	1.20	2.49	4.71	10.5	20.1	30.6	33.5	27.9	17.0	7.76	3.58	1.83	0.81	0.43	0.22	164	152
16	0.20	0.39	0.69	1.45	2.89	6.12	14.9	28.6	40.3	44.8	37.4	22.4	9.94	4.08	2.06	0.90	0.45	0.23	218	207
8	0.20	0.39	0.69	1.45	2.89	6.12	14.9	28.6	40.3	44.8	37.4	22.4	9.94	4.08	2.06	0.90	0.45	0.23	218	207
0	0.18	0.37	0.62	1.20	2.49	4.71	10.5	20.1	30.6	33.5	27.9	17.0	7.76	3.58	1.83	0.81	0.43	0.22	164	152
-8	0.17	0.33	0.55	0.98	2.02	3.51	5.97	11.0	17.0	18.2	15.3	9.65	5.22	2.96	1.49	0.69	0.39	0.21	95.8	81.6
-16	0.15	0.29	0.50	0.81	1.42	2.40	3.70	5.40	7.46	7.82	6.79	5.04	3.47	2.17	1.14	0.61	0.35	0.19	49.7	30.3
-24	0.13	0.26	0.45	0.67	0.94	1.45	2.31	3.16	3.84	3.95	3.58	3.04	2.17	1.35	0.84	0.53	0.32	0.17	29.2	0.78
-32	0.12	0.22	0.37	0.54	0.70	0.94	1.28	1.66	2.07	2.13	1.86	1.65	1.22	0.86	0.64	0.46	0.28	0.15	17.2	0.00
-40	0.11	0.19	0.30	0.41	0.54	0.70	0.84	0.95	1.09	1.11	1.00	0.94	0.82	0.64	0.50	0.37	0.24	0.13	10.8	0.00
-48	0.09	0.16	0.23	0.29	0.39	0.51	0.59	0.66	0.74	0.75	0.68	0.66	0.60	0.48	0.37	0.29	0.20	0.11	7.80	0.00
-56	0.07	0.13	0.17	0.22	0.28	0.35	0.39	0.44	0.49	0.50	0.45	0.44	0.41	0.34	0.27	0.22	0.16	0.10	5.41	0.00
-64	0.07	0.13	0.17	0.22	0.28	0.35	0.39	0.44	0.49	0.50	0.45	0.44	0.41	0.34	0.27	0.22	0.16	0.10	5.41	0.00
-72	0.07	0.13	0.17	0.22	0.28	0.35	0.39	0.44	0.49	0.50	0.45	0.44	0.41	0.34	0.27	0.22	0.16	0.10	5.41	0.00
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																				
F t	2.45	4.65	7.75	13.1	23.3	41.4	81.2	144	207	226	190	122	63.2	32.9	18.3	9.72	5.62	3.03	1213	
F a	0.00	0.00	0.00	0.00	0.00	18.9	62.5	128	191	210	175	106	44.9	7.25	0.00	0.00	0.00	0.00		943

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:

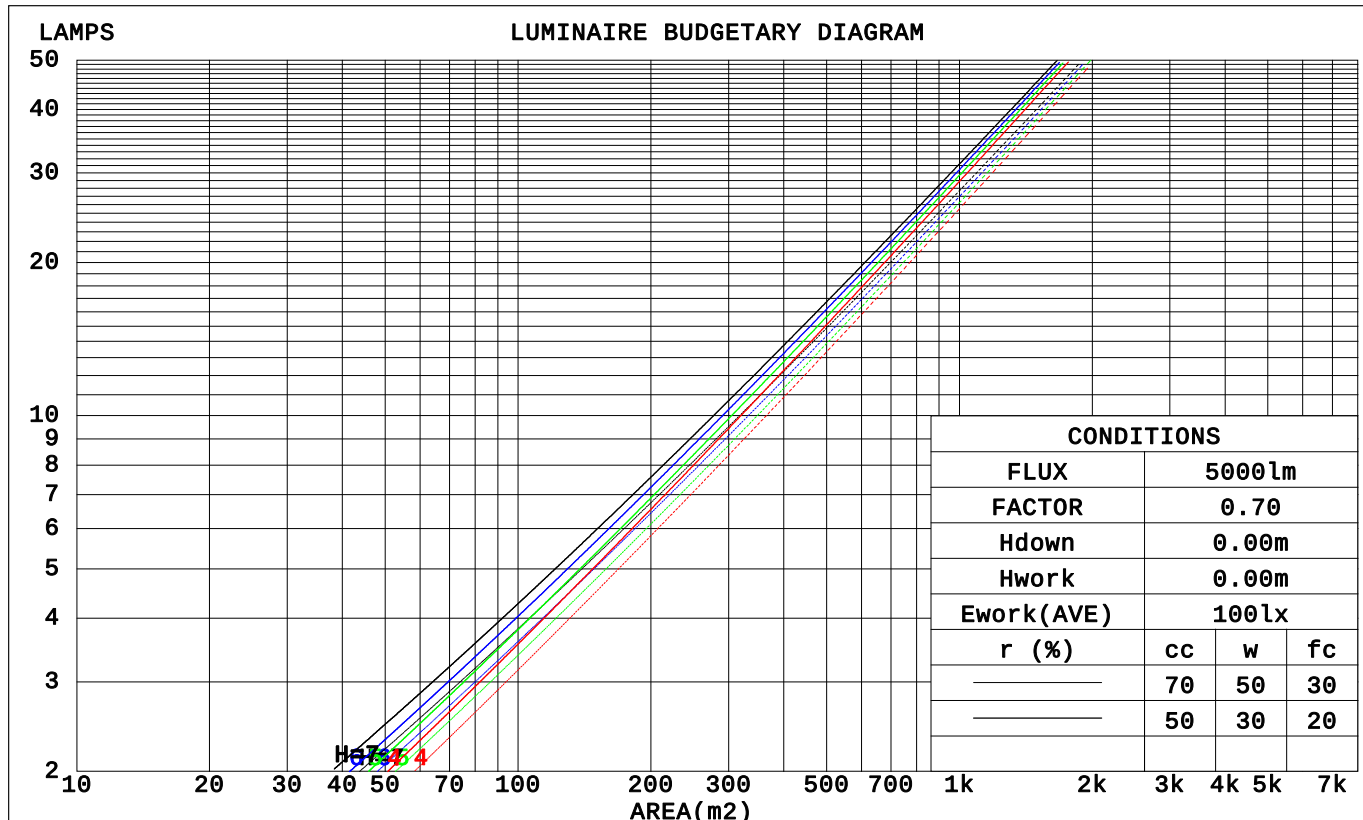
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

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
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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
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.192	.109	.035	.185	.106	.034	.173	.099	.032	.161	.093	.030	.150	.087	.028	
2.0	.180	.098	.030	.174	.096	.030	.163	.091	.028	.153	.086	.027	.144	.082	.026	
3.0	.168	.089	.027	.163	.087	.026	.154	.083	.025	.146	.080	.024	.138	.076	.024	
4.0	.157	.082	.024	.153	.080	.024	.145	.077	.023	.138	.074	.022	.131	.071	.022	
5.0	.148	.075	.022	.144	.074	.022	.138	.072	.021	.131	.069	.021	.125	.067	.020	
6.0	.140	.070	.020	.137	.069	.020	.131	.067	.019	.125	.065	.019	.120	.063	.019	
7.0	.132	.065	.019	.129	.064	.018	.124	.063	.018	.119	.061	.018	.115	.060	.017	
8.0	.126	.061	.017	.123	.061	.017	.118	.059	.017	.114	.058	.017	.110	.056	.016	
9.0	.119	.058	.016	.117	.057	.016	.113	.056	.016	.109	.055	.016	.105	.054	.015	
10.0	.114	.055	.015	.112	.054	.015	.108	.053	.015	.105	.052	.015	.101	.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	.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	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.059	.107	.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	.110	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.055	.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	

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 Temperature:25.3DEG
 Operators:
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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	7.8	8.7	8.0	8.9	9.1	6.6	7.5	6.8	7.7	7.9
3H	8.5	9.4	8.8	9.6	9.8	7.3	8.2	7.6	8.4	8.6
4H	8.9	9.8	9.2	10.0	10.2	7.7	8.5	8.0	8.7	9.0
6H	9.4	10.2	9.7	10.4	10.6	8.1	8.9	8.4	9.1	9.4
8H	9.6	10.4	9.9	10.6	10.9	8.3	9.1	8.6	9.4	9.6
12H	9.9	10.6	10.2	10.9	11.2	8.6	9.3	8.9	9.6	9.8
4H 2H	8.0	8.8	8.2	9.0	9.2	6.9	7.8	7.2	8.0	8.2
3H	8.9	9.7	9.3	9.9	10.2	7.9	8.6	8.2	8.9	9.2
4H	9.5	10.1	9.8	10.4	10.7	8.4	9.1	8.8	9.4	9.7
6H	10.1	10.7	10.5	11.0	11.3	9.0	9.5	9.3	9.9	10.2
8H	10.4	11.0	10.8	11.3	11.7	9.2	9.8	9.6	10.1	10.5
12H	10.8	11.3	11.2	11.6	12.0	9.5	10.0	9.9	10.4	10.8
8H 4H	9.6	10.2	10.0	10.5	10.9	8.7	9.2	9.1	9.6	9.9
6H	10.4	10.9	10.9	11.3	11.7	9.4	9.9	9.9	10.3	10.7
8H	10.9	11.3	11.3	11.7	12.2	9.8	10.2	10.3	10.6	11.1
12H	11.4	11.7	11.9	12.2	12.7	10.2	10.6	10.7	11.0	11.5
12H 4H	9.6	10.1	10.0	10.5	10.9	8.7	9.2	9.1	9.6	10.0
6H	10.5	10.9	10.9	11.3	11.8	9.5	9.9	10.0	10.4	10.8
8H	11.0	11.4	11.5	11.8	12.3	10.0	10.3	10.5	10.8	11.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.6 / - 0.6				
1.5H	+ 0.9 / - 0.5					+ 0.8 / - 0.5				
2.0H	+ 1.4 / - 0.7					+ 0.9 / - 0.4				

CIE Pub.117 Corrected 1213 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.7)

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	93	88	84	79
1.25	100	94	89	99	93	89	96	92	88	83
1.50	103	97	93	101	96	93	99	95	92	87
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	107	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					SHRNM = 1.25		

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

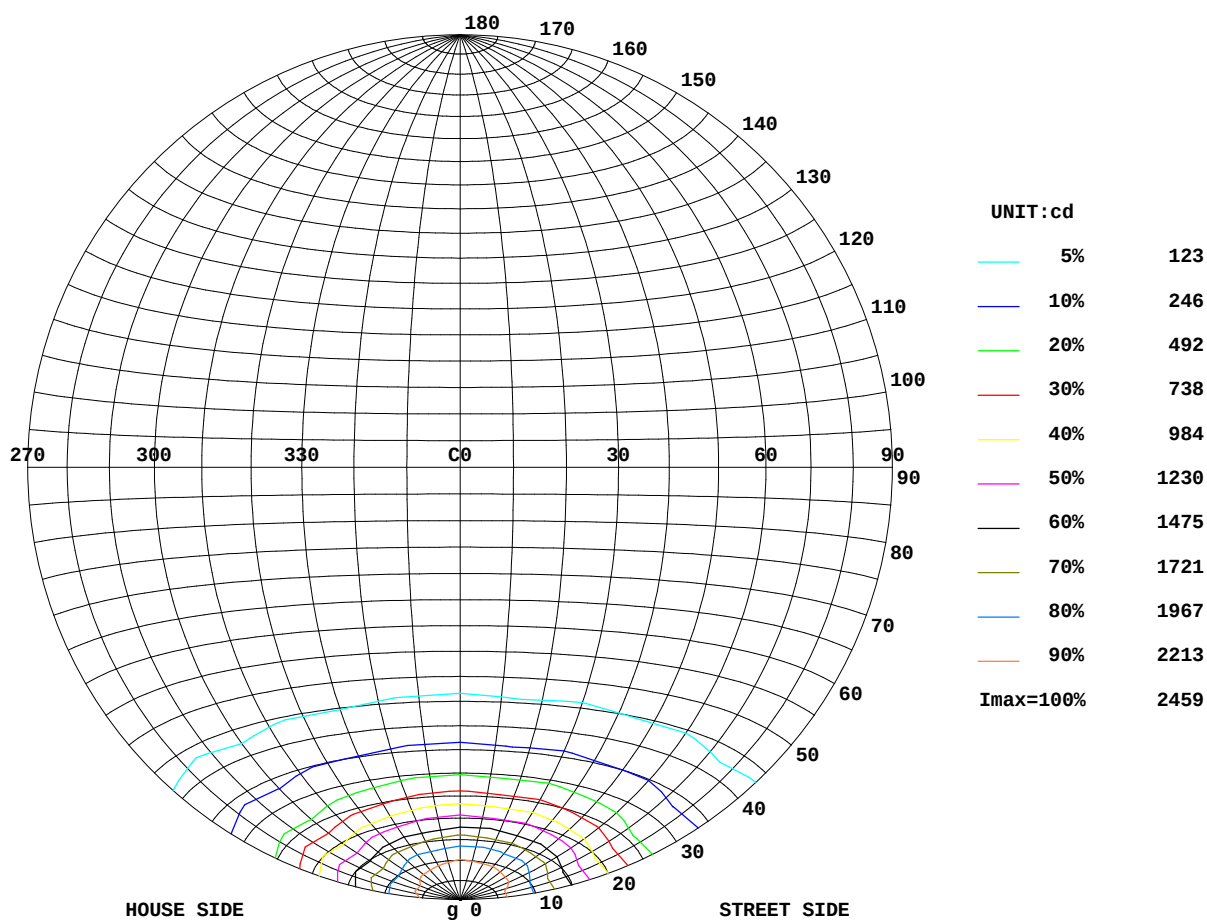
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

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:

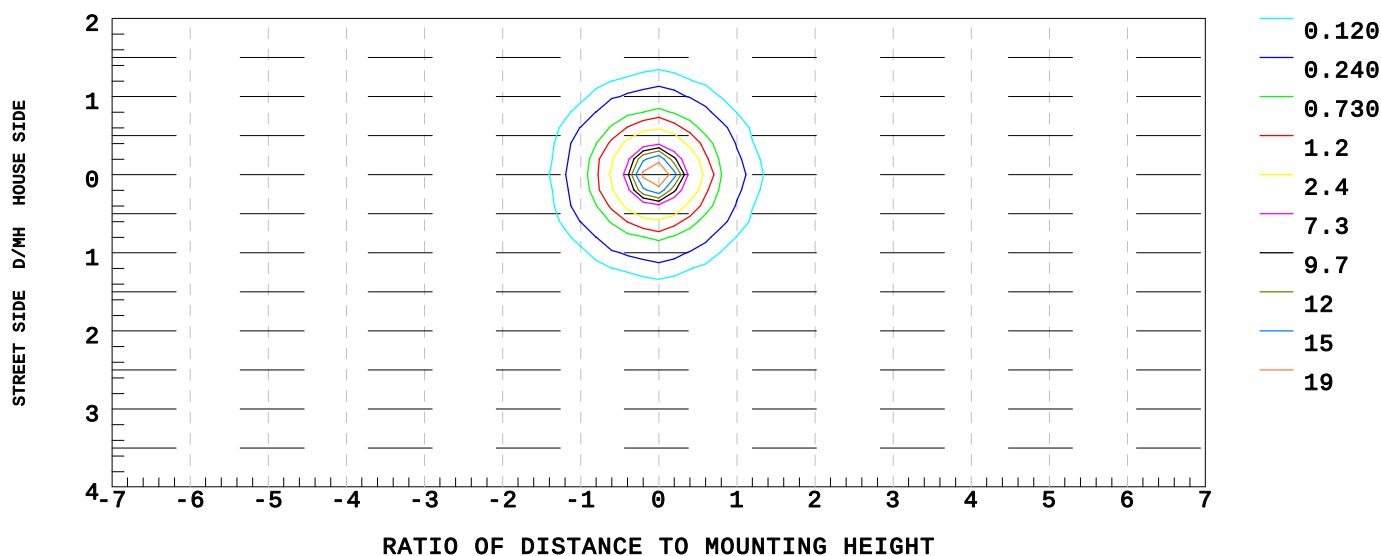
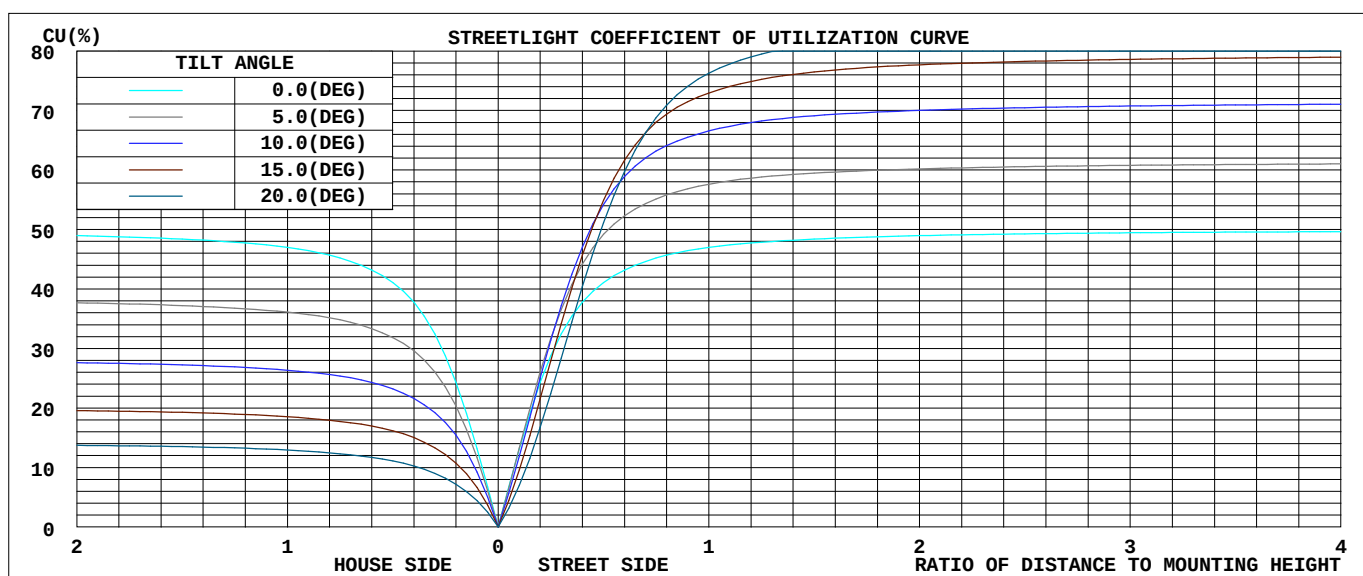
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

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, E_{nadir} = 24.17 lx



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

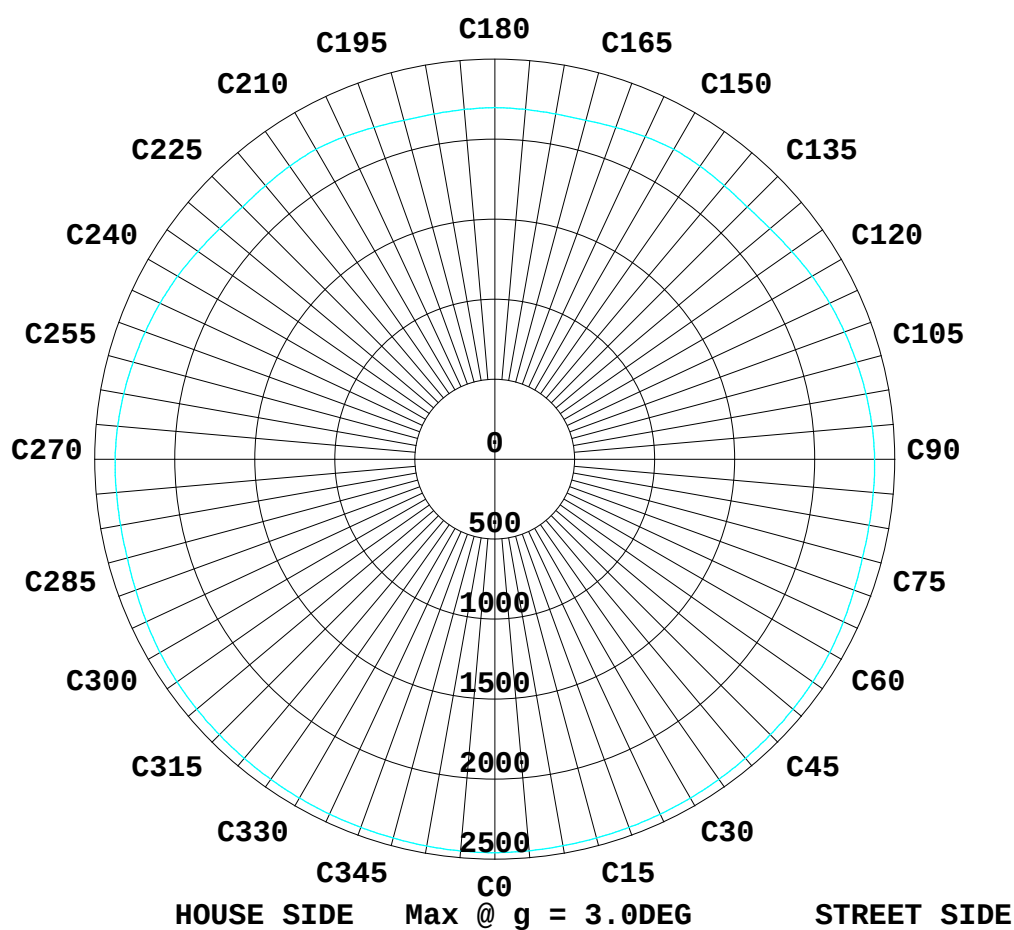
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks:

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	2417	2415	2418	2431	2440	2442	2440	2427	2406	2339	2331	2268	2248	2268	2331
5.0	2440	2423	2415	2382	2349	2282	2291	2232	2184	2111	2135	2093	2129	2093	2135
10.0	2224	2198	2176	2117	2055	1955	1954	1875	1802	1731	1781	1750	1824	1750	1781
15.0	1818	1782	1760	1678	1597	1450	1470	1374	1293	1227	1289	1268	1367	1268	1289
20.0	1309	1256	1256	1148	1095	948	987	876	818	751	823	798	917	798	823
25.0	820	790	782	713	661	561	580	513	464	430	469	464	535	464	469
30.0	469	448	449	404	374	318	329	292	274	254	272	266	303	266	272
35.0	279	264	272	248	242	211	222	208	192	179	190	184	202	184	190
40.0	198	208	195	183	174	153	148	142	135	123	137	132	148	132	137
45.0	141	131	135	119	115	94.3	103	87.0	83.5	75.8	85.1	81.9	97.0	81.9	85.1
50.0	88.4	80.8	84.4	73.1	72.7	61.0	66.3	57.6	57.9	53.6	59.1	56.4	64.7	56.4	59.1
55.0	59.5	54.5	57.6	51.0	52.4	45.6	49.5	44.0	45.3	42.3	46.9	44.6	50.1	44.6	46.9
60.0	46.0	42.0	44.6	40.1	41.7	36.4	39.8	35.3	36.2	33.7	38.0	35.9	40.7	35.9	38.0
65.0	37.5	34.0	36.2	32.0	33.0	28.2	31.1	27.2	27.7	25.6	29.3	27.6	32.0	27.6	29.3
70.0	28.8	25.7	27.7	24.1	25.2	21.2	23.6	20.3	20.9	19.0	21.8	20.4	23.8	20.4	21.8
75.0	21.5	19.1	20.8	17.9	19.0	15.9	18.2	15.6	16.2	14.5	16.8	15.4	18.1	15.4	16.8
80.0	16.5	14.4	15.8	13.2	14.1	11.4	13.5	11.2	11.6	10.2	12.3	11.3	13.8	11.3	12.3
85.0	11.3	9.59	10.7	8.51	9.21	6.91	8.83	6.84	7.16	6.08	7.87	7.10	9.34	7.10	7.87
90.0	6.46	5.44	5.82	4.48	5.12	4.41	5.12	4.41	5.18	4.60	5.31	4.67	5.44	4.67	5.31

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)	225	240	255	270	285	300	315	330	345
0.0	2339	2406	2427	2440	2442	2440	2431	2418	2415
5.0	2111	2184	2232	2291	2282	2349	2382	2415	2423
10.0	1731	1802	1875	1954	1955	2055	2117	2176	2198
15.0	1227	1293	1374	1470	1450	1597	1678	1760	1782
20.0	751	818	876	987	948	1095	1148	1256	1256
25.0	430	464	513	580	561	661	713	782	790
30.0	254	274	292	329	318	374	404	449	448
35.0	179	192	208	222	211	242	248	272	264
40.0	123	135	142	148	153	174	183	195	208
45.0	75.8	83.5	87.0	103	94.3	115	119	135	131
50.0	53.6	57.9	57.6	66.3	61.0	72.7	73.1	84.4	80.8
55.0	42.3	45.3	44.0	49.5	45.6	52.4	51.0	57.6	54.5
60.0	33.7	36.2	35.3	39.8	36.4	41.7	40.1	44.6	42.0
65.0	25.6	27.7	27.2	31.1	28.2	33.0	32.0	36.2	34.0
70.0	19.0	20.9	20.3	23.6	21.2	25.2	24.1	27.7	25.7
75.0	14.5	16.2	15.6	18.2	15.9	19.0	17.9	20.8	19.1
80.0	10.2	11.6	11.2	13.5	11.4	14.1	13.2	15.8	14.4
85.0	6.08	7.16	6.84	8.83	6.91	9.21	8.51	10.7	9.59
90.0	4.60	5.18	4.41	5.12	4.41	5.12	4.48	5.82	5.44

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: