

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

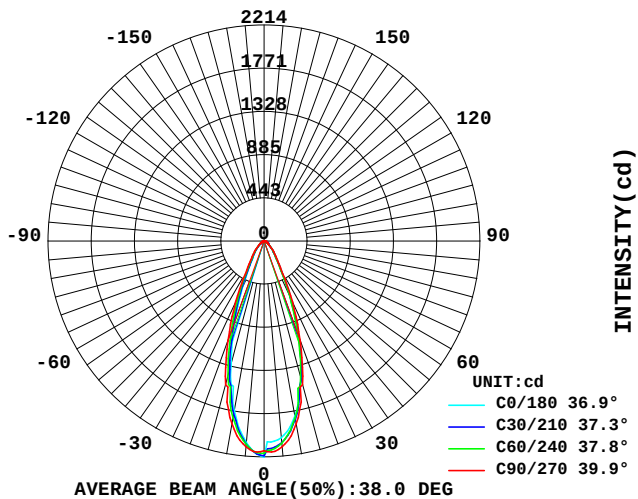
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number :

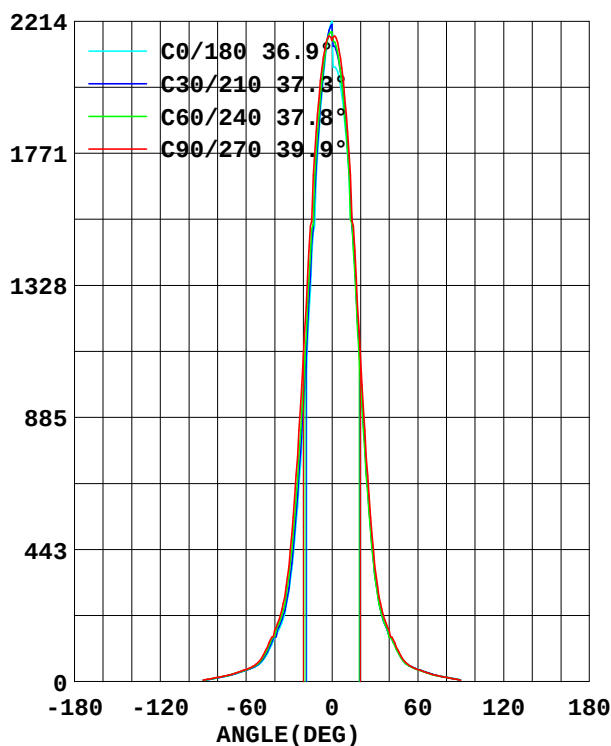
MANUFACTURER :	Address :		
NAME : HCP1032001-WW	TYPE : HCP1032001-WW	WEIGHT : 0.5KG	
SPECIFICATION : HCP1032001-WW	DIMENSION :	SERIAL No. : 20220728	

DATA OF LAMP		Imax(cd)	2214	S/MH(C0/180)	0.57
MODEL	HCP1032001-WW	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.65
NOMINAL POWER(W)	16	TOTAL FLUX(lm)	1185.7	Voltage(V)	225.8
RATED VOLTAGE(V)	226	EFFICIENCY(lm/W)	74.6	Current(A)	0.074
NOMINAL FLUX(lm)	1185.7	h up(%)	0.0	Power(W)	15.89
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	0.949
TEST VOLTAGE(V)	225.8	Effective Flux(lm)	936.1	EEI	0.218

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

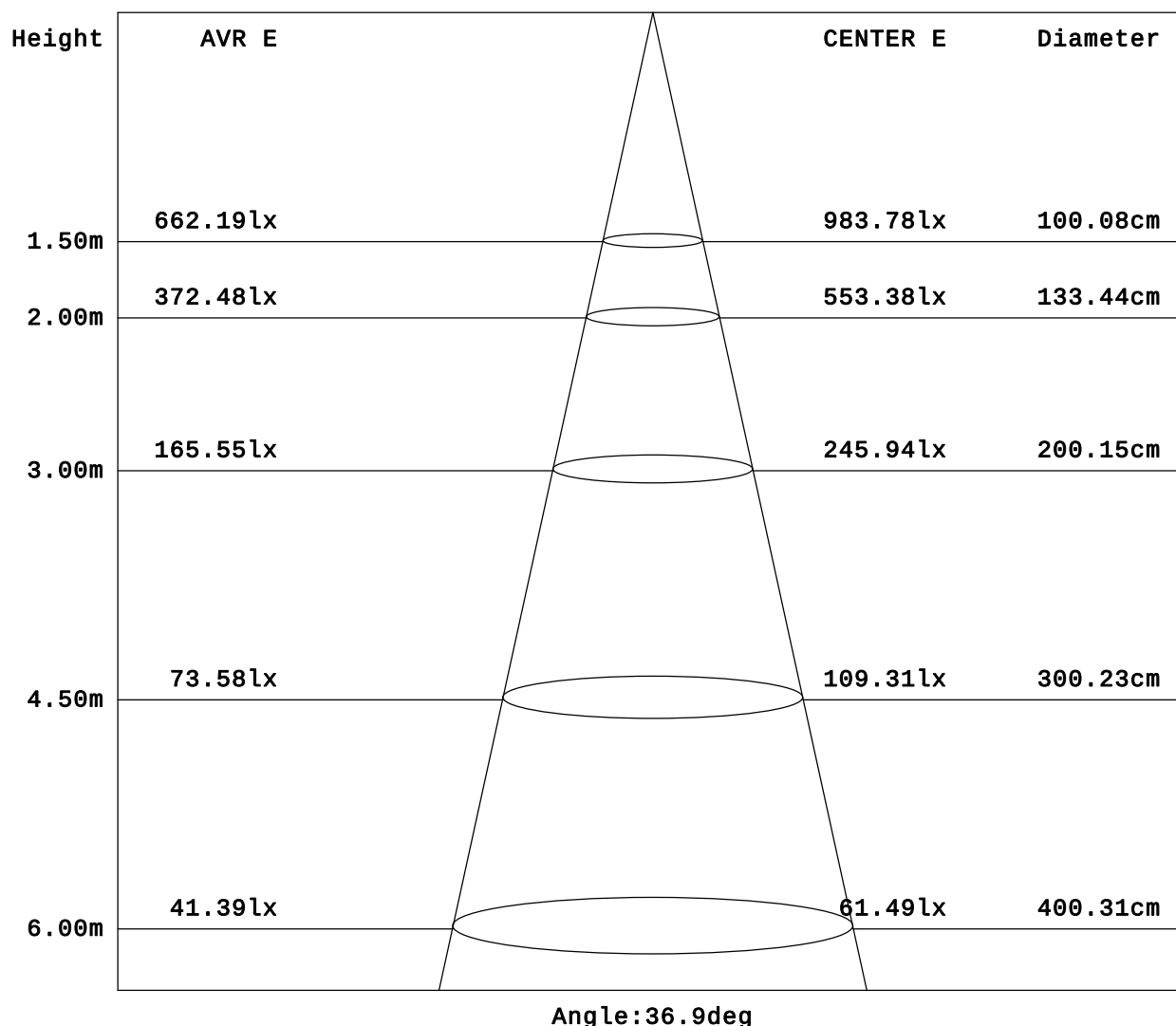
Test Set: 8.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks:

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	2074	2082	2118	2071	2027	2071	2118	2082	0- 5	50.70	50.70
10.0	1766	1801	1902	1838	1824	1838	1902	1801	5- 10	140.1	190.8
15.0	1312	1374	1527	1452	1467	1452	1527	1374	10- 15	191.7	382.5
20.0	882.2	926.7	1092	999.1	1052	999.1	1092	926.7	15- 20	197.0	579.6
25.0	531.5	568.7	690.7	625.3	653.5	625.3	690.7	568.7	20- 25	164.4	744.0
30.0	303.2	319.6	386.6	345.2	364.2	345.2	386.6	319.6	25- 30	116.8	860.8
35.0	197.2	212.6	242.1	217.0	222.9	217.0	242.1	212.6	30- 35	79.49	940.3
40.0	146.1	151.3	171.3	155.5	153.5	155.5	171.3	151.3	35- 40	61.76	1002
45.0	94.01	96.57	116.8	102.5	112.9	102.5	116.8	96.57	40- 45	48.13	1050
50.0	62.14	61.56	73.91	65.08	72.51	65.08	73.91	61.56	45- 50	33.59	1084
55.0	47.10	44.86	51.58	46.91	52.09	46.91	51.58	44.86	50- 55	24.19	1108
60.0	37.88	35.96	40.51	37.24	41.66	37.24	40.51	35.96	55- 60	19.75	1128
65.0	29.88	28.28	32.32	29.44	33.72	29.44	32.32	28.28	60- 65	16.66	1144
70.0	22.59	21.18	24.64	22.08	25.60	22.08	24.64	21.18	65- 70	13.38	1158
75.0	17.15	15.87	18.62	16.57	19.07	16.57	18.62	15.87	70- 75	10.42	1168
80.0	12.35	11.45	14.08	12.60	14.97	12.60	14.08	11.45	75- 80	8.086	1176
85.0	7.744	7.040	9.344	8.384	10.49	8.384	9.344	7.040	80- 85	5.773	1182
90.0	4.928	4.224	5.056	4.736	6.144	4.736	5.056	4.224	85- 90	3.549	1186
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

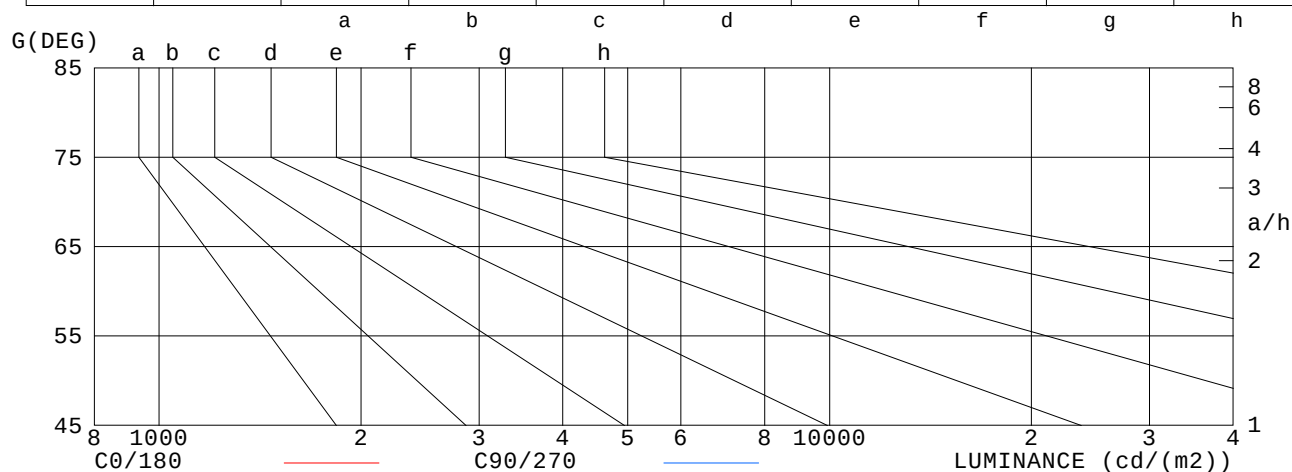
LUMINANCE LIMITATION CURVES

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	444	536
80	356	405
75	331	360
70	330	360
65	354	382
60	379	405
55	411	450
50	483	575
45	665	826

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

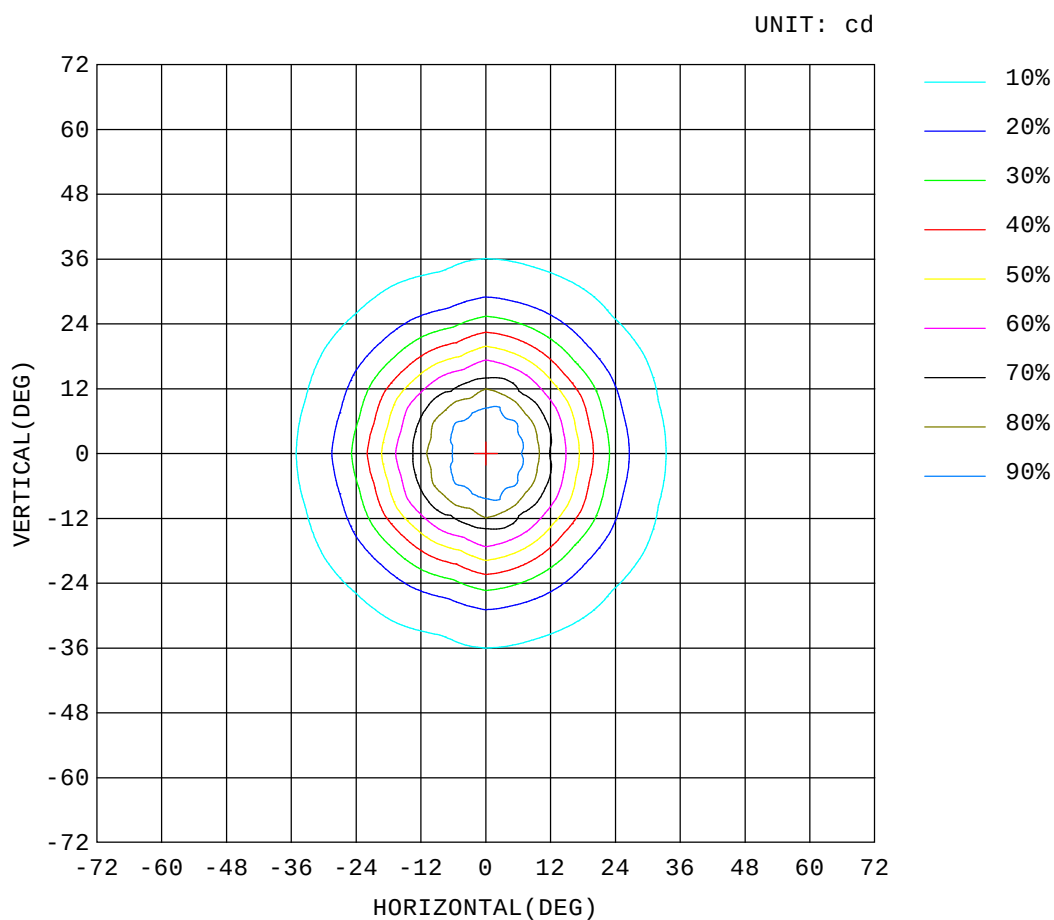
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

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

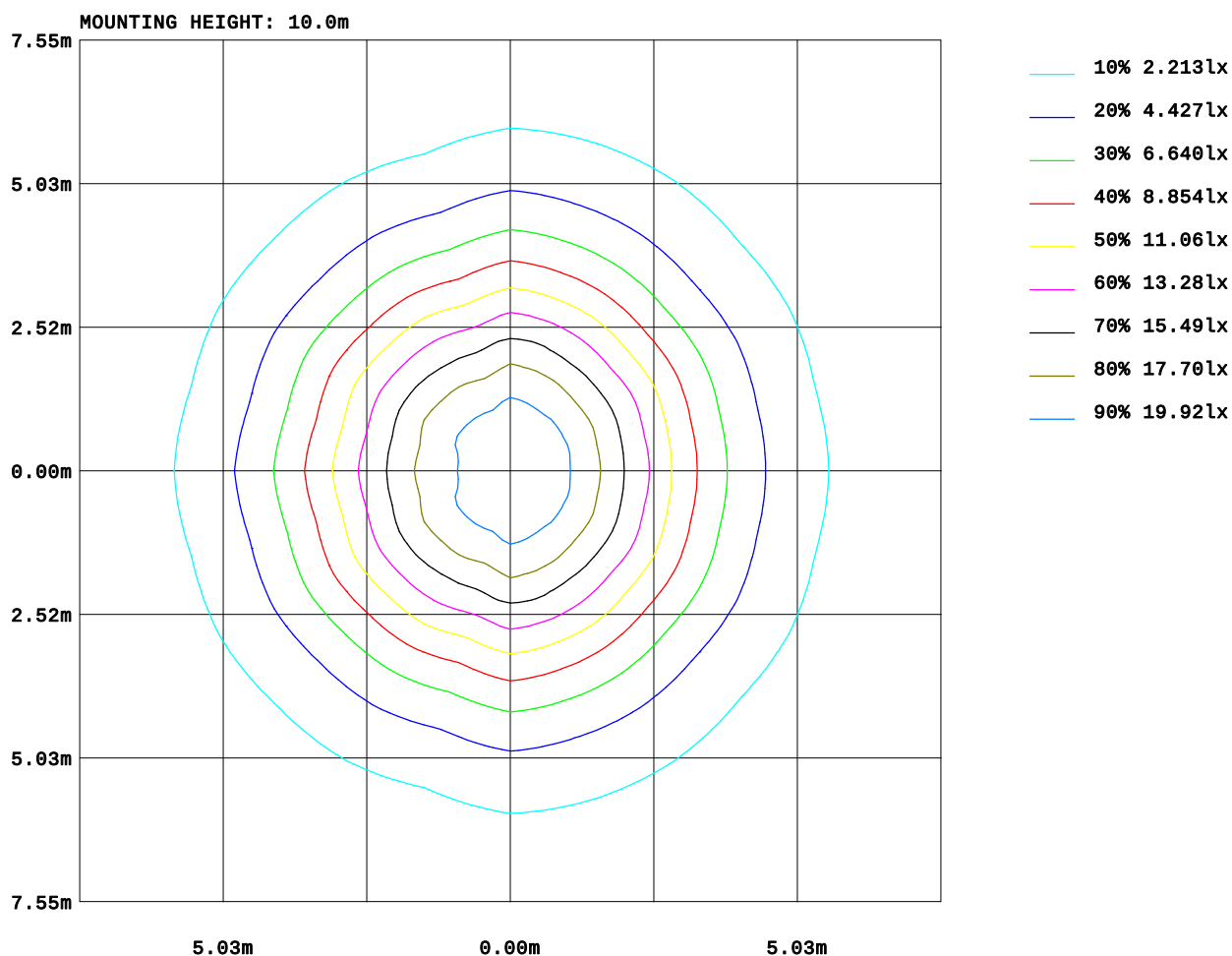
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks:

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
	0.09	0.14	0.20	0.25	0.32	0.39	0.43	0.46	0.52	0.52	0.48	0.44	0.39	0.31	0.24	0.18	0.13	0.07	5.55	0.00			
64	0.10	0.18	0.26	0.34	0.45	0.57	0.63	0.68	0.76	0.77	0.71	0.65	0.57	0.43	0.32	0.24	0.16	0.09	7.90	0.00			
56	0.12	0.21	0.33	0.46	0.59	0.77	0.91	1.01	1.18	1.20	1.06	0.93	0.76	0.57	0.44	0.31	0.19	0.11	11.1	0.00			
48	0.13	0.25	0.41	0.58	0.78	1.12	1.58	1.93	2.33	2.39	2.06	1.59	1.09	0.75	0.55	0.39	0.23	0.12	18.3	0.00			
40	0.15	0.29	0.48	0.74	1.16	1.91	2.79	3.51	4.18	4.30	3.67	2.80	1.83	1.08	0.69	0.45	0.26	0.13	30.4	5.44			
32	0.17	0.32	0.54	0.95	1.81	2.94	4.51	6.66	8.81	9.23	6.87	4.39	2.84	1.68	0.87	0.50	0.29	0.15	53.5	37.7			
24	0.19	0.35	0.60	1.20	2.40	4.28	8.32	14.3	19.0	19.6	14.0	7.60	3.95	2.24	1.07	0.55	0.32	0.16	100	88.3			
VERTICAL (DEG)	0.20	0.38	0.68	1.46	2.89	6.08	14.0	24.2	31.4	31.8	22.8	12.4	5.31	2.68	1.28	0.61	0.35	0.18	159	148			
	0.21	0.41	0.75	1.67	3.26	7.74	17.9	30.7	39.1	39.4	29.0	15.6	6.46	2.94	1.45	0.66	0.37	0.19	198	188			
	0.21	0.41	0.75	1.67	3.26	7.74	17.9	30.7	39.1	39.4	29.0	15.6	6.46	2.94	1.45	0.66	0.37	0.19	198	188			
	0.20	0.38	0.68	1.46	2.89	6.08	14.0	24.2	31.4	31.8	22.8	12.4	5.31	2.68	1.28	0.61	0.35	0.18	159	148			
-24	0.19	0.35	0.60	1.20	2.40	4.28	8.32	14.3	19.0	19.6	14.0	7.60	3.95	2.24	1.07	0.55	0.32	0.16	100	88.3			
-32	0.17	0.32	0.54	0.95	1.81	2.94	4.51	6.66	8.81	9.23	6.87	4.39	2.84	1.68	0.87	0.50	0.29	0.15	53.5	37.7			
-40	0.15	0.29	0.48	0.74	1.16	1.91	2.79	3.51	4.18	4.30	3.67	2.80	1.83	1.08	0.69	0.45	0.26	0.13	30.4	5.44			
-48	0.13	0.25	0.41	0.58	0.78	1.12	1.58	1.93	2.33	2.39	2.06	1.59	1.09	0.75	0.55	0.39	0.23	0.12	18.3	0.00			
-56	0.12	0.21	0.33	0.46	0.59	0.77	0.91	1.01	1.18	1.20	1.06	0.93	0.76	0.57	0.44	0.31	0.19	0.11	11.1	0.00			
-64	0.10	0.18	0.26	0.34	0.45	0.57	0.63	0.68	0.76	0.77	0.71	0.65	0.57	0.43	0.32	0.24	0.16	0.09	7.90	0.00			
-72	0.09	0.14	0.20	0.25	0.32	0.39	0.43	0.46	0.52	0.52	0.48	0.44	0.39	0.31	0.24	0.18	0.13	0.07	5.55	0.00			
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72			
F t	2.70	5.05	8.50	15.3	27.3	51.6	102	167	215	219	162	92.9	46.4	25.4	13.8	7.76	4.58	2.39	1186				
F a	0.00	0.00	0.00	0.00	3.59	34.0	87.0	153	201	205	147	77.1	27.5	0.95	0.00	0.00	0.00	0.00	0.00	936			

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:

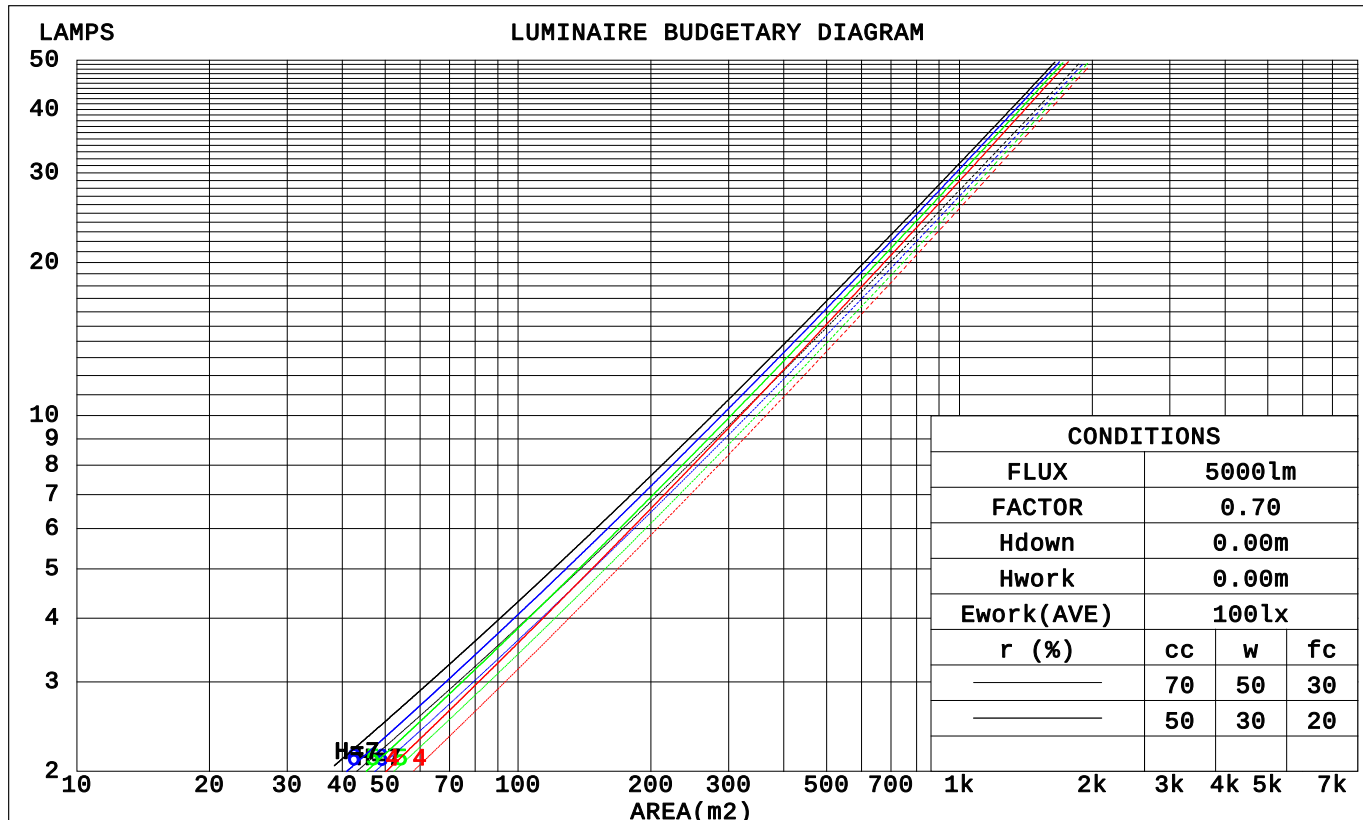
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

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%
 Test Distance:8.000 m
 Remarks:

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	.194	.110	.035	.187	.107	.034	.174	.100	.032	.163	.094	.030	.152	.088	.028		
2.0	.181	.099	.030	.176	.097	.030	.165	.092	.028	.155	.087	.027	.146	.083	.026		
3.0	.170	.090	.027	.165	.088	.027	.156	.084	.026	.147	.081	.025	.139	.077	.024		
4.0	.159	.083	.024	.155	.081	.024	.147	.078	.023	.140	.075	.023	.133	.072	.022		
5.0	.150	.076	.022	.146	.075	.022	.139	.072	.021	.133	.070	.021	.127	.068	.020		
6.0	.141	.071	.020	.138	.070	.020	.132	.068	.020	.126	.066	.019	.121	.064	.019		
7.0	.134	.066	.019	.131	.065	.019	.126	.063	.018	.121	.062	.018	.116	.060	.018		
8.0	.127	.062	.017	.124	.061	.017	.120	.060	.017	.115	.058	.017	.111	.057	.017		
9.0	.121	.058	.016	.119	.058	.016	.114	.057	.016	.110	.055	.016	.107	.054	.016		
10.0	.115	.055	.015	.113	.055	.015	.109	.054	.015	.106	.053	.015	.102	.052	.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	.085	.058	.054	.050	.019	.017	.016	
2.0	.158	.132	.111	.135	.114	.096	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.145	.114	.088	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.135	.099	.072	.116	.086	.062	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.126	.087	.059	.108	.076	.051	.074	.053	.036	.043	.031	.022	.014	.010	.007	
6.0	.118	.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	.015	.012	.008	.005	
8.0	.105	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.031	.086	.051	.027	.059	.036	.019	.035	.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	6.0	7.0	6.3	7.1	7.3	6.7	7.7	7.0	7.9	8.0
3H	6.8	7.7	7.1	7.9	8.1	7.5	8.4	7.8	8.6	8.8
4H	7.2	8.1	7.5	8.3	8.5	7.9	8.8	8.2	9.0	9.2
6H	7.7	8.5	8.0	8.7	9.0	8.4	9.2	8.7	9.4	9.7
8H	7.9	8.6	8.2	8.9	9.2	8.6	9.4	8.9	9.6	9.9
12H	8.1	8.8	8.4	9.1	9.4	8.9	9.6	9.2	9.9	10.2
4H 2H	6.3	7.2	6.6	7.4	7.6	6.9	7.8	7.2	8.0	8.2
3H	7.4	8.1	7.7	8.4	8.6	7.9	8.7	8.3	9.0	9.2
4H	7.9	8.6	8.3	8.9	9.2	8.5	9.2	8.9	9.5	9.8
6H	8.5	9.1	8.9	9.4	9.8	9.1	9.7	9.5	10.1	10.4
8H	8.8	9.3	9.2	9.7	10.0	9.5	10.0	9.8	10.4	10.7
12H	9.0	9.6	9.5	9.9	10.3	9.8	10.3	10.2	10.7	11.1
8H 4H	8.2	8.7	8.6	9.1	9.4	8.7	9.2	9.1	9.6	10.0
6H	8.9	9.4	9.4	9.8	10.2	9.5	10.0	9.9	10.3	10.8
8H	9.3	9.7	9.8	10.1	10.6	9.9	10.3	10.4	10.8	11.2
12H	9.7	10.0	10.2	10.5	11.0	10.4	10.8	10.9	11.2	11.7
12H 4H	8.2	8.7	8.6	9.1	9.5	8.7	9.2	9.1	9.6	10.0
6H	9.0	9.4	9.5	9.8	10.3	9.6	10.0	10.0	10.4	10.8
8H	9.5	9.8	9.9	10.3	10.7	10.1	10.4	10.5	10.9	11.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.5 / - 0.6				
1.5H	+ 0.8 / - 0.4					+ 1.0 / - 0.5				
2.0H	+ 0.8 / - 0.5					+ 1.3 / - 0.6				

CIE Pub.117 Corrected 1186 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.6)

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	70	81	75	70	81	74	70	66
0.80	90	83	79	89	83	78	88	82	78	74
1.00	95	88	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	92	99	95	91	86
2.00	106	101	97	105	100	96	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	107	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

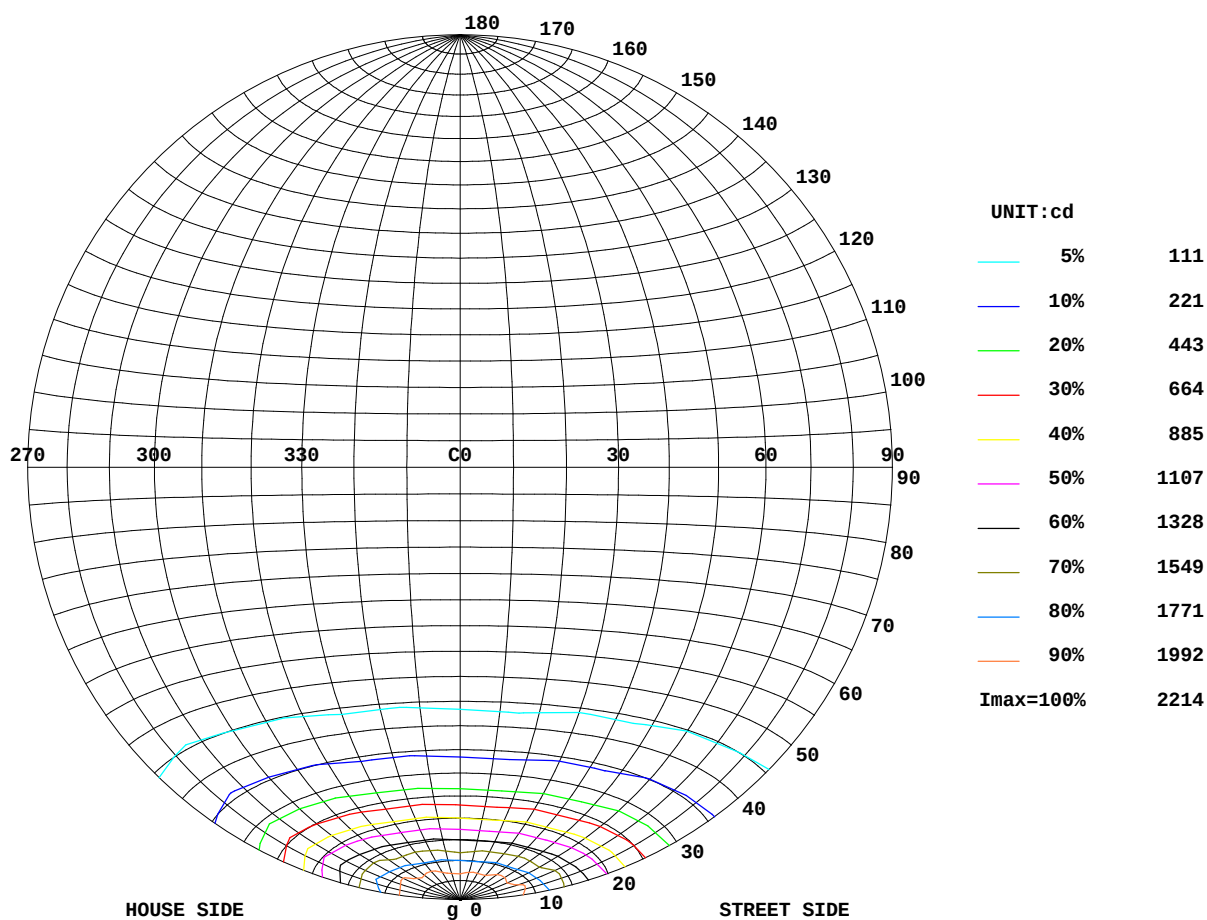
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

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:

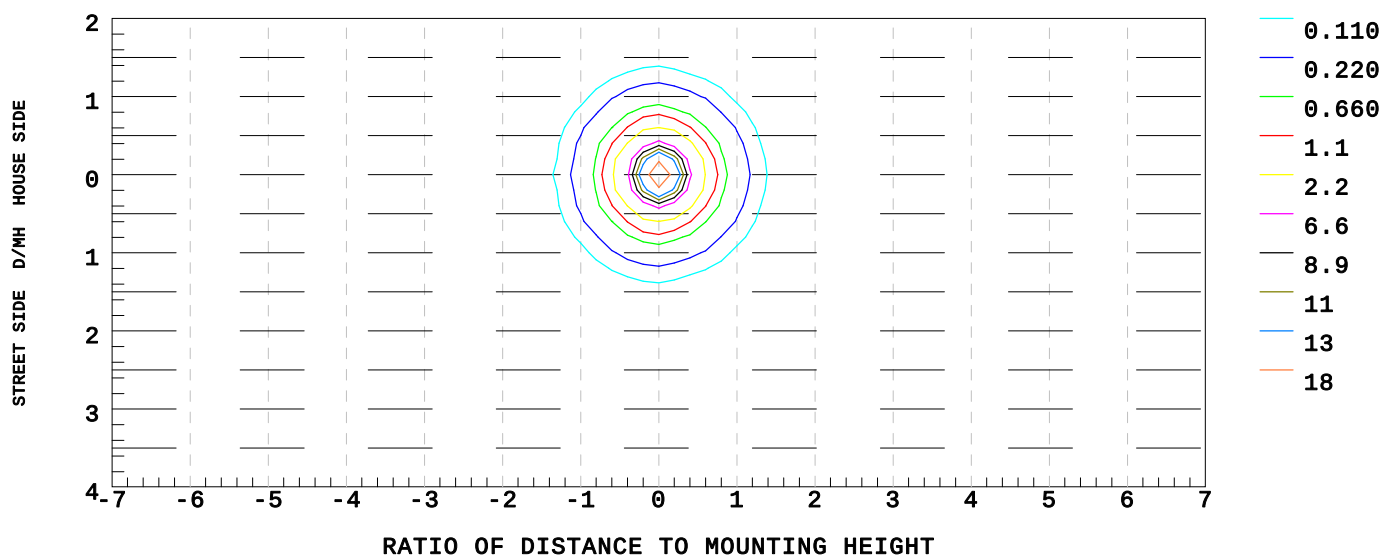
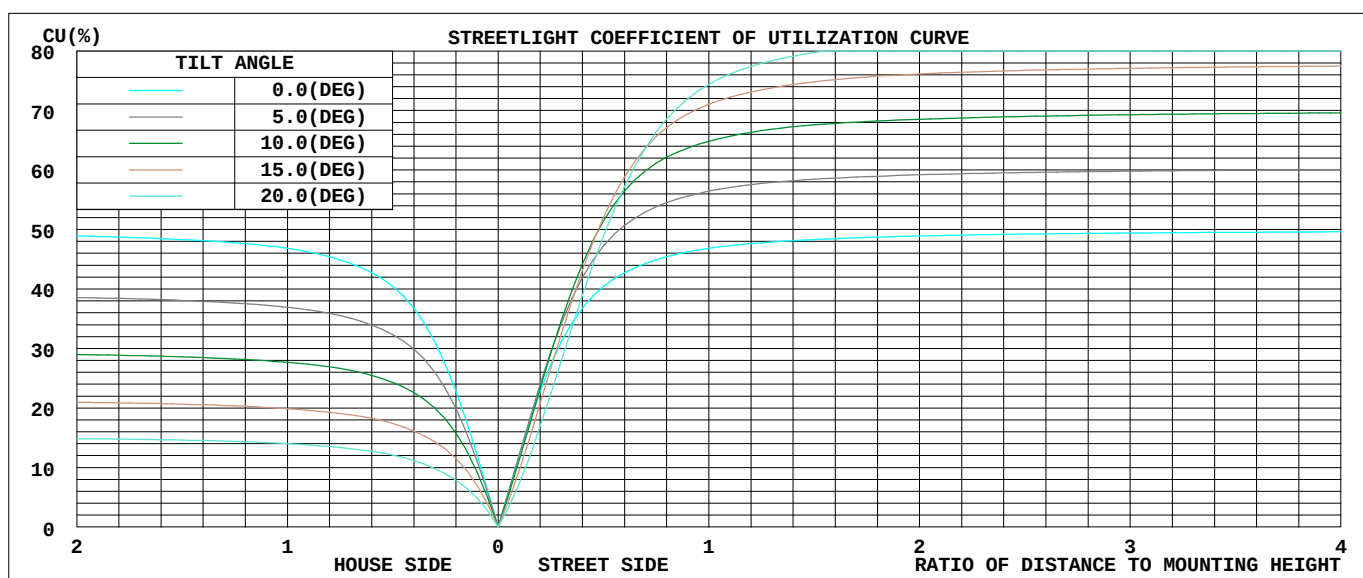
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

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, Enadir = 22.14 lx



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

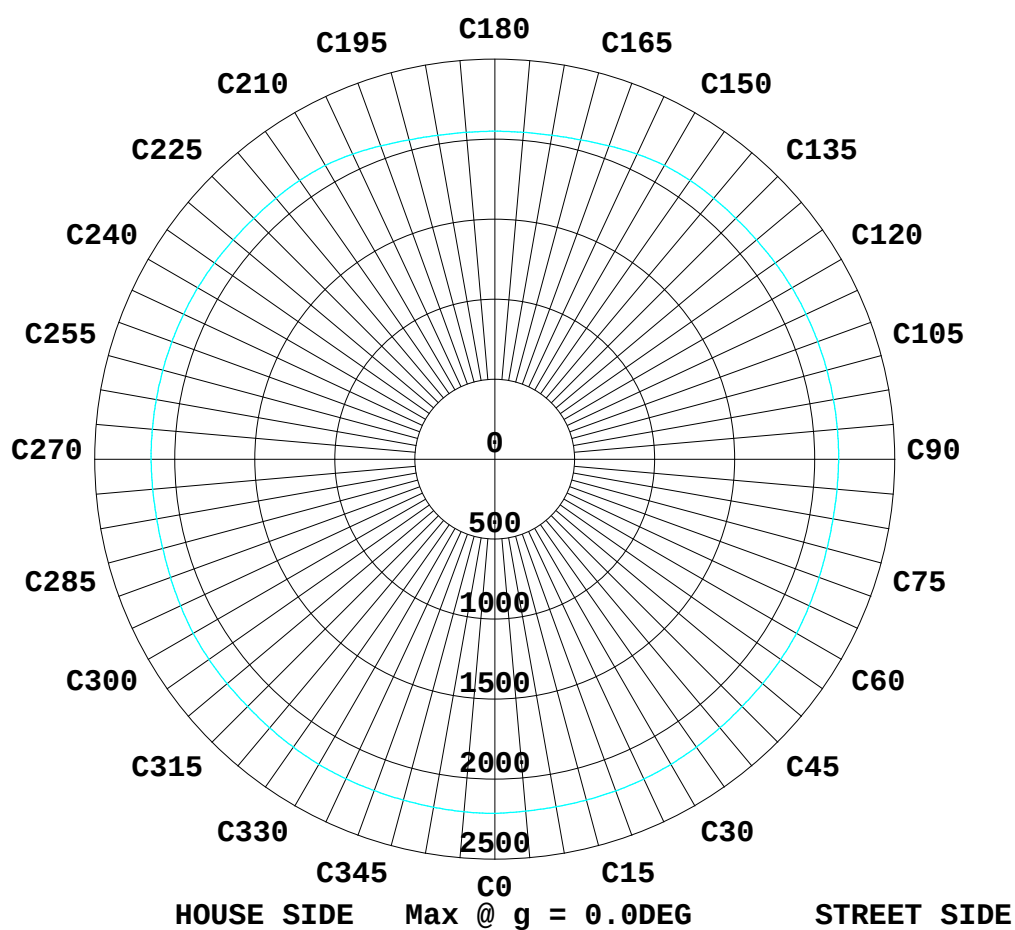
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

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	2214	2205	2202	2186	2177	2149	2149	2149	2144	2131	2121	2067	2051	2067	2121
5.0	2074	2074	2094	2082	2096	2101	2118	2071	2083	2071	2076	2026	2027	2026	2076
10.0	1766	1766	1799	1801	1839	1869	1902	1815	1838	1838	1852	1805	1824	1805	1852
15.0	1312	1318	1364	1374	1432	1484	1527	1417	1449	1452	1476	1432	1467	1432	1476
20.0	882	871	929	927	996	1030	1092	973	1014	999	1042	989	1052	989	1042
25.0	532	529	562	569	615	653	691	603	630	625	643	619	654	619	643
30.0	303	295	314	320	351	371	387	335	352	345	356	342	364	342	356
35.0	197	212	209	213	222	228	242	213	223	217	222	216	223	216	222
40.0	146	142	148	151	151	166	171	156	149	156	151	155	154	155	151
45.0	94.0	89.7	100	96.5	108	109	117	100	108	103	110	103	113	103	110
50.0	62.1	58.3	64.7	61.5	68.6	67.9	73.9	63.2	68.8	65.0	70.1	65.7	72.5	65.7	70.1
55.0	47.1	43.6	47.9	44.8	49.5	47.5	51.5	45.3	49.5	46.9	50.8	47.6	52.0	47.6	50.8
60.0	37.8	35.0	38.5	35.9	39.4	37.5	40.5	35.9	39.2	37.2	40.7	38.0	41.6	38.0	40.7
65.0	29.8	27.3	30.4	28.2	31.4	29.9	32.3	28.4	31.2	29.4	32.6	30.4	33.7	30.4	32.6
70.0	22.5	20.4	23.0	21.1	23.9	22.7	24.6	21.2	23.5	22.0	24.7	22.8	25.6	22.8	24.7
75.0	17.1	15.3	17.5	15.8	18.1	16.9	18.6	16.2	18.2	16.5	18.5	16.8	19.0	16.8	18.5
80.0	12.3	10.8	12.7	11.4	13.5	12.6	14.0	12.1	13.9	12.6	14.4	13.0	14.9	13.0	14.4
85.0	7.74	6.46	8.12	7.04	8.83	8.19	9.34	7.80	9.34	8.38	9.92	8.89	10.4	8.89	9.92
90.0	4.92	4.22	4.92	4.22	4.99	4.35	5.05	4.28	5.05	4.73	5.50	5.18	6.14	5.18	5.50

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	2131	2144	2149	2149	2149	2177	2186	2202	2205
5.0	2071	2083	2071	2118	2101	2096	2082	2094	2074
10.0	1838	1838	1815	1902	1869	1839	1801	1799	1766
15.0	1452	1449	1417	1527	1484	1432	1374	1364	1318
20.0	999	1014	973	1092	1030	996	927	929	871
25.0	625	630	603	691	653	615	569	562	529
30.0	345	352	335	387	371	351	320	314	295
35.0	217	223	213	242	228	222	213	209	212
40.0	156	149	156	171	166	151	151	148	142
45.0	103	108	100	117	109	108	96.5	100	89.7
50.0	65.0	68.8	63.2	73.9	67.9	68.6	61.5	64.7	58.3
55.0	46.9	49.5	45.3	51.5	47.5	49.5	44.8	47.9	43.6
60.0	37.2	39.2	35.9	40.5	37.5	39.4	35.9	38.5	35.0
65.0	29.4	31.2	28.4	32.3	29.9	31.4	28.2	30.4	27.3
70.0	22.0	23.5	21.2	24.6	22.7	23.9	21.1	23.0	20.4
75.0	16.5	18.2	16.2	18.6	16.9	18.1	15.8	17.5	15.3
80.0	12.6	13.9	12.1	14.0	12.6	13.5	11.4	12.7	10.8
85.0	8.38	9.34	7.80	9.34	8.19	8.83	7.04	8.12	6.46
90.0	4.73	5.05	4.28	5.05	4.35	4.99	4.22	4.92	4.22

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: