

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LAMP PHOTOMETRIC REPORT

MODEL: MR16

POWER: 10W

VOLTAGE: 220V

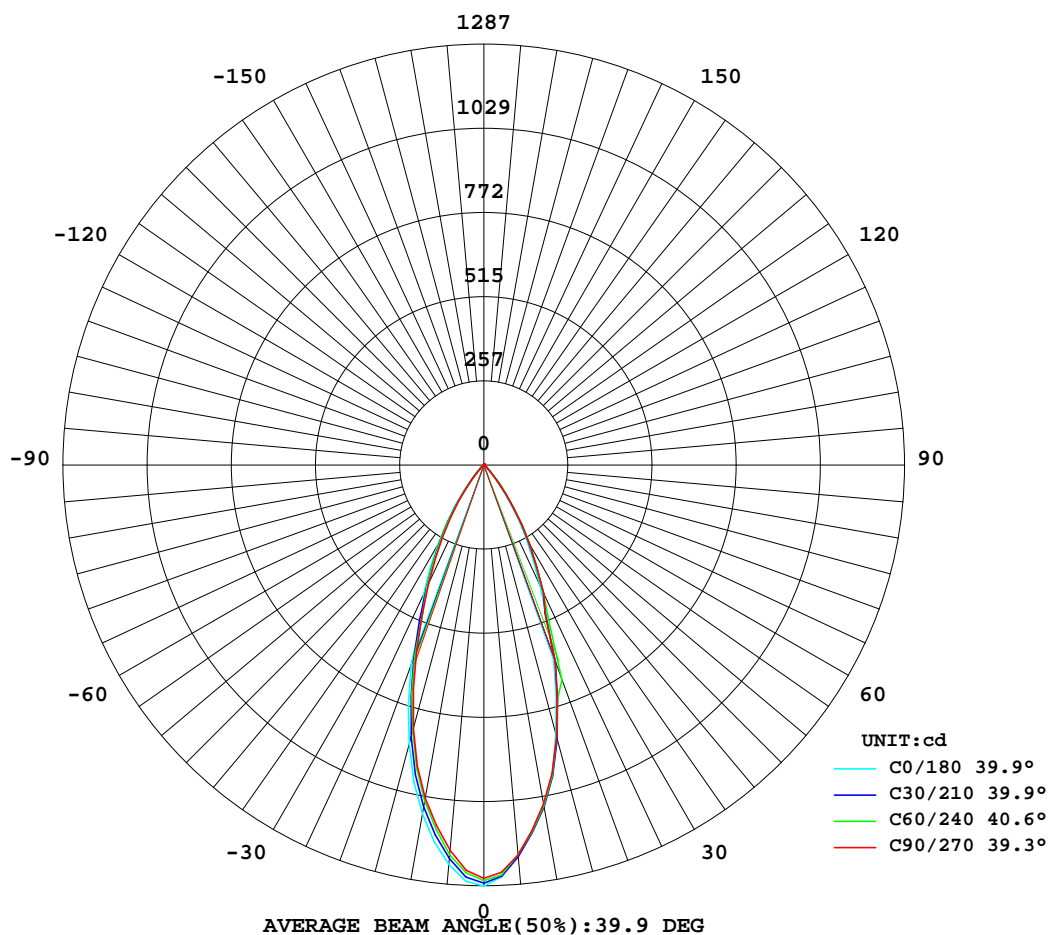
WORKING VOLTAGE: 220.4V

MANUFACTURER:

TOTAL FLUX: 667.32 lm

Efficiency: 66.071 lm/W

Test: U: 220.3V I: 0.085A P: 10.10W PF: 0.534



Test System:HOP00
Temperature:25.3DEG
Operators:
Test Date:2017年07月03日

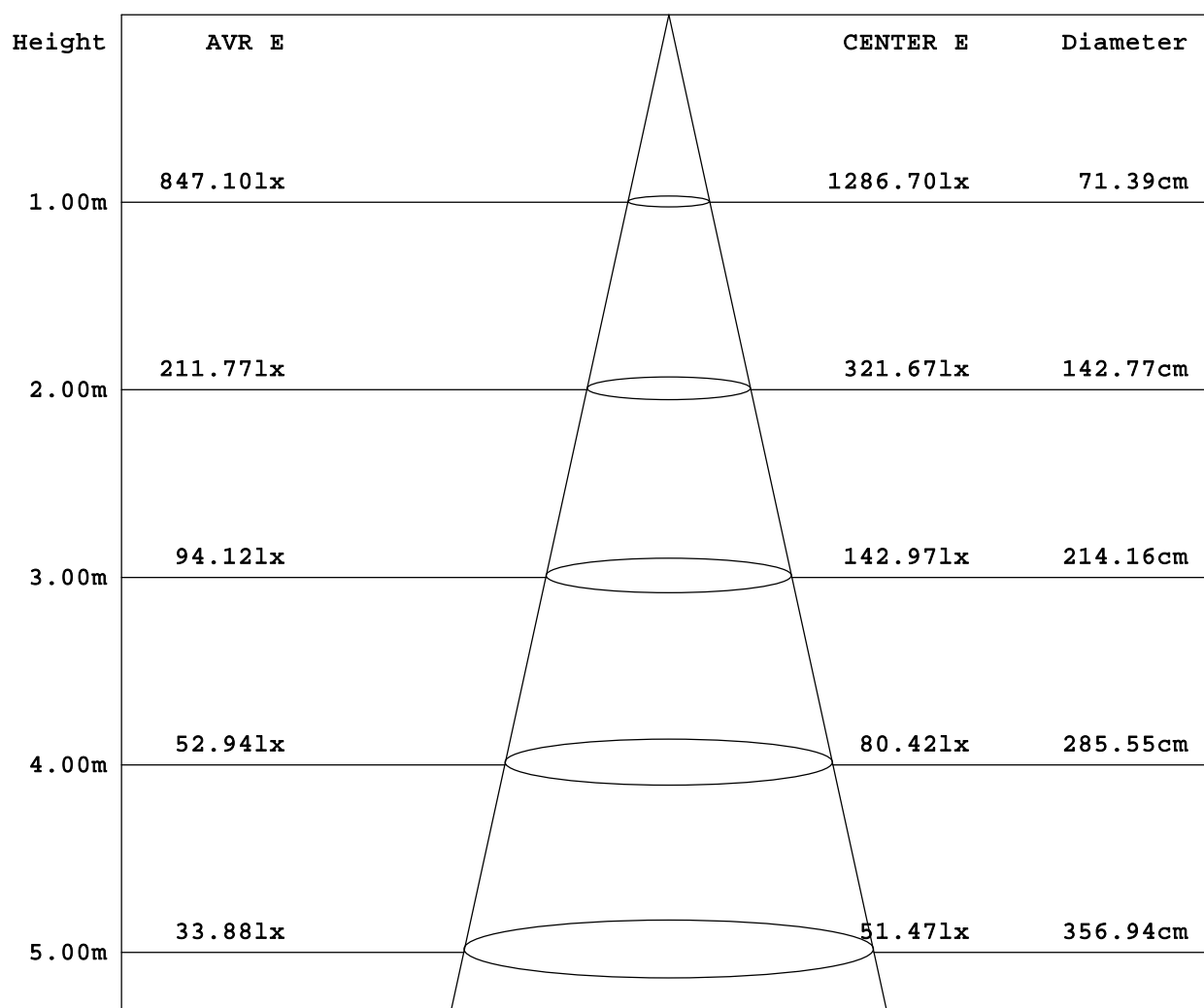
Test Set: 7.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle: 39.3deg

Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月03日

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1227	1203	1183	1181	1199	1200	1198	1182	0- 5	29.40	29.40
10.0	1082	1052	1035	1043	1059	1060	1053	1042	5- 10	80.09	109.5
15.0	883.5	850.7	834.5	848.7	851.7	863.7	861.0	843.8	10- 15	113.0	222.5
20.0	650.5	622.4	603.2	619.2	621.4	670.0	638.7	623.9	15- 20	121.5	344.1
25.0	435.7	415.2	402.2	414.4	409.4	429.7	434.8	416.8	20- 25	107.0	451.2
30.0	282.8	267.2	254.3	265.0	261.8	278.4	282.8	270.7	25- 30	86.26	537.4
35.0	157.2	144.3	133.6	143.4	136.6	155.5	160.1	146.5	30- 35	60.89	598.3
40.0	69.00	59.54	53.39	58.80	56.59	75.05	69.40	61.59	35- 40	33.67	632.0
45.0	26.69	22.15	18.70	20.40	19.40	23.70	26.69	23.29	40- 45	15.05	647.1
50.0	12.00	10.40	8.900	9.600	9.200	10.60	11.50	10.20	45- 50	6.262	653.3
55.0	7.800	6.950	5.900	6.450	6.200	7.150	7.600	6.750	50- 55	3.604	656.9
60.0	5.600	5.050	4.200	4.700	4.300	5.200	5.600	4.850	55- 60	2.691	659.6
65.0	3.900	3.400	2.700	3.100	2.800	3.550	3.900	3.250	60- 65	1.997	661.6
70.0	2.500	2.100	1.600	1.950	1.800	2.300	2.500	2.050	65- 70	1.343	663.0
75.0	1.800	1.450	1.000	1.350	1.100	1.500	1.800	1.400	70- 75	0.904	663.9
80.0	1.200	0.900	0.500	0.850	0.600	0.950	1.200	0.950	75- 80	0.618	664.5
85.0	0.700	0.400	0.100	0.400	0.100	0.500	0.700	0.500	80- 85	0.355	664.8
90.0	0	0	0	0	0	0	0	0	85- 90	0.112	664.9
95.0	0	0	0	0	0	0	0	0	90- 95	0	664.9
100.0	0	0	0	0	0	0	0	0	95-100	0	664.9
105.0	0	0	0	0	0	0	0	0	100-105	0	664.9
110.0	0	0	0	0	0	0	0	0	105-110	0	664.9
115.0	0	0	0	0	0	0	0	0	110-115	0	664.9
120.0	0	0	0	0	0	0	0	0	115-120	0	664.9
125.0	0	0	0	0	0	0	0	0	120-125	0	664.9
130.0	0	0	0	0	0	0	0	0	125-130	0	664.9
135.0	0.100	0.100	0	0.050	0.300	0.300	0.300	0.300	130-135	0.033	665.0
140.0	0.300	0.400	0.400	0.350	0.700	0.650	0.600	0.700	135-140	0.126	665.1
145.0	0.700	0.750	0.800	0.700	1.100	1.100	1.000	1.100	140-145	0.238	665.3
150.0	1.100	1.150	1.100	1.100	1.500	1.500	1.500	1.500	145-150	0.324	665.7
155.0	1.500	1.550	1.500	1.450	1.900	1.900	1.800	1.900	150-155	0.378	666.0
160.0	1.800	1.850	1.900	1.750	2.100	2.150	2.100	2.100	155-160	0.383	666.4
165.0	2.100	2.150	2.100	2.000	2.400	2.350	2.300	2.350	160-165	0.344	666.8
170.0	2.400	2.350	2.400	2.200	2.600	2.450	2.500	2.450	165-170	0.274	667.0
175.0	2.600	2.450	2.500	2.400	2.700	2.500	2.600	2.500	170-175	0.175	667.2
180.0	2.700	2.550	2.600	2.500	2.700	2.600	2.600	2.500	175-180	0.060	667.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月03日

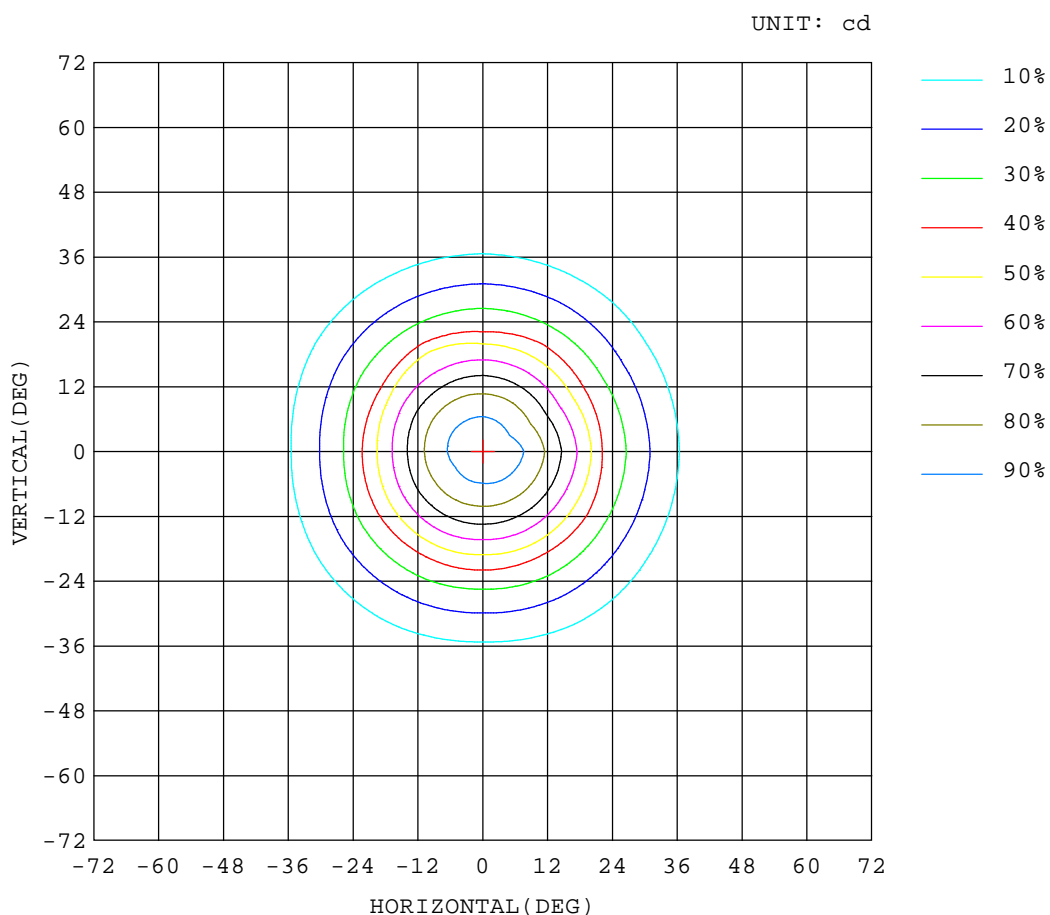
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月03日

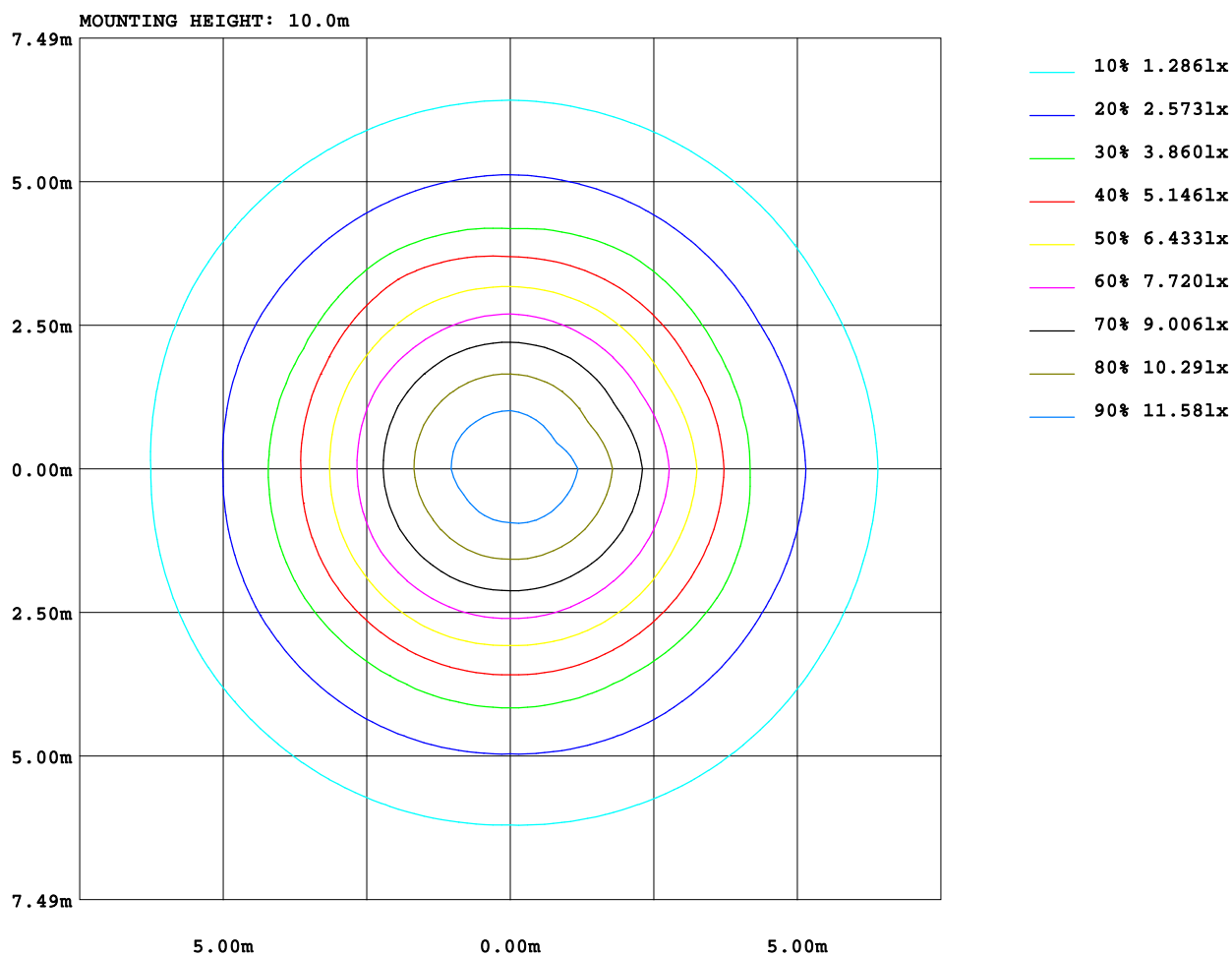
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月03日

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:	Address:					
NAME:	TYPE:			WEIGHT:		
SPECIFICATION:	DIMENSION:			SERIAL No.:		

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a	
	72	64	56	48	40	32	24	16	8	0	8	16	24	32	40	48	56	64	72		
72	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.06	0.05	0.04	0.03	0.03	0.02	0.02	0.01	0.01	0.52	0.00	
64	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.09	0.11	0.10	0.09	0.07	0.06	0.04	0.03	0.02	0.02	0.01	0.93	0.00	
56	0.01	0.02	0.04	0.06	0.08	0.10	0.13	0.16	0.19	0.19	0.16	0.12	0.10	0.07	0.05	0.03	0.02	0.01	1.54	0.00	
48	0.01	0.03	0.05	0.08	0.12	0.18	0.30	0.51	0.68	0.67	0.50	0.30	0.17	0.11	0.08	0.05	0.03	0.01	3.88	0.00	
40	0.01	0.03	0.07	0.11	0.21	0.55	1.29	2.11	2.68	2.65	1.99	1.14	0.51	0.20	0.11	0.06	0.03	0.02	13.8	5.43	
32	0.01	0.04	0.08	0.16	0.50	1.56	3.34	5.22	6.43	6.40	5.15	3.21	1.41	0.46	0.16	0.08	0.04	0.02	34.3	29.7	
24	0.02	0.04	0.09	0.24	1.02	3.12	6.14	9.68	12.0	11.8	9.36	5.97	2.94	0.97	0.25	0.10	0.05	0.02	63.8	60.4	
16	0.02	0.04	0.10	0.34	1.59	4.60	8.98	14.7	18.3	18.2	14.3	8.77	4.55	1.62	0.39	0.11	0.05	0.02	96.9	93.9	
8	0.02	0.04	0.10	0.40	1.93	5.43	11.0	18.0	22.6	22.4	18.0	11.1	5.67	2.12	0.49	0.12	0.05	0.02	120	117	
0	0.02	0.04	0.10	0.39	1.90	5.39	11.0	17.9	22.3	22.6	18.2	11.2	5.69	2.13	0.49	0.12	0.05	0.02	120	117	
-8	0.02	0.04	0.09	0.31	1.50	4.48	8.90	14.3	17.9	18.0	14.4	8.96	4.60	1.63	0.38	0.11	0.05	0.02	95.8	92.9	
-16	0.01	0.04	0.08	0.20	0.90	2.94	5.91	9.09	11.4	11.4	9.10	5.94	2.96	0.96	0.24	0.09	0.04	0.02	61.3	57.9	
-24	0.01	0.03	0.06	0.13	0.41	1.36	3.08	4.86	5.93	5.94	4.89	3.12	1.39	0.44	0.14	0.07	0.04	0.02	31.9	27.4	
-32	0.01	0.02	0.05	0.09	0.18	0.46	1.07	1.79	2.25	2.26	1.80	1.09	0.49	0.20	0.10	0.06	0.03	0.01	11.9	3.61	
-40	0.01	0.02	0.04	0.07	0.11	0.17	0.29	0.43	0.52	0.53	0.44	0.31	0.19	0.12	0.07	0.04	0.02	0.01	3.37	0.00	
-48	0.01	0.01	0.03	0.05	0.07	0.10	0.13	0.15	0.15	0.16	0.15	0.14	0.11	0.08	0.05	0.03	0.02	0.01	1.44	0.00	
-56	0.01	0.01	0.02	0.03	0.05	0.07	0.08	0.08	0.08	0.09	0.09	0.08	0.07	0.05	0.03	0.02	0.01	0.01	0.87	0.00	
-64	0.00	0.01	0.01	0.02	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.02	0.01	0.01	0.00	0.47	0.00	
-72	0.00	0.01	0.01	0.02	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.02	0.01	0.01	0.00	0.47	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72	
Φ t	0.20	0.49	1.02	2.74	10.6	30.6	61.9	99.4	124	124	98.8	61.7	31.0	11.2	3.10	1.15	0.58	0.26	667		
Φ a	0.00	0.00	0.00	0.00	3.28	25.9	57.7	95.5	120	120	94.9	57.5	26.1	4.13	0.00	0.00	0.00	0.00		605	

Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月03日

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

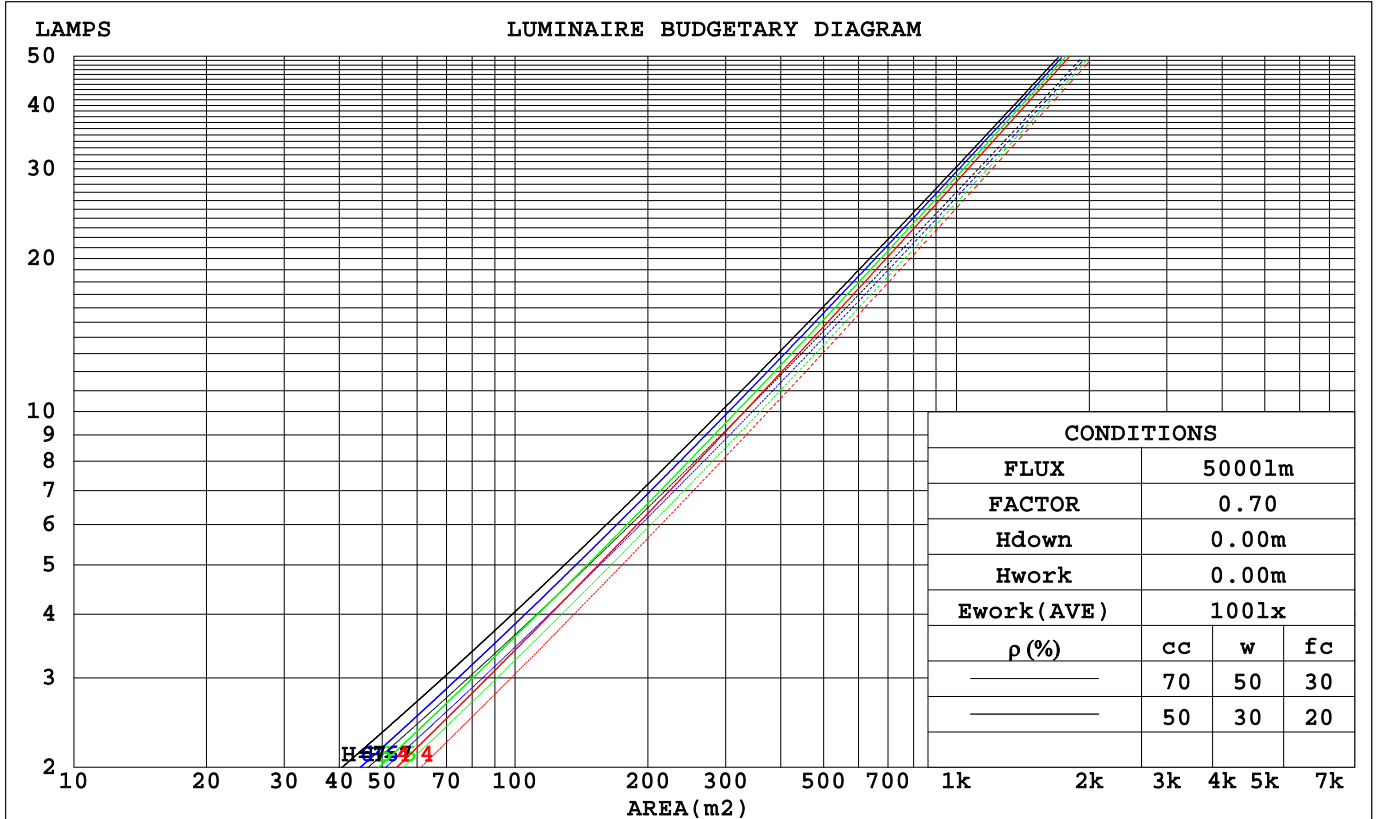
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:				Address:							
NAME:				TYPE:				WEIGHT:			
SPECIFICATION:				DIMENSION:				SERIAL No.:			

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.00
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.01	.97	1.03	.99	.96	.99	.97	.94	.96	.94	.92	.94	.92	.90	.89
3.0	.98	.94	.90	.97	.92	.89	.94	.91	.88	.92	.89	.86	.89	.87	.85	.83
4.0	.92	.87	.84	.91	.87	.83	.89	.85	.82	.87	.84	.81	.85	.83	.80	.79
5.0	.87	.82	.78	.86	.82	.78	.85	.80	.77	.83	.79	.76	.82	.78	.76	.74
6.0	.83	.77	.74	.82	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.72	.70
7.0	.79	.73	.69	.78	.73	.69	.77	.72	.69	.76	.72	.68	.74	.71	.68	.67
8.0	.75	.69	.66	.74	.69	.66	.73	.69	.65	.72	.68	.65	.71	.68	.65	.63
9.0	.71	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.62	.60
10.0	.68	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.65	.62	.59	.58



Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月03日

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER:	Address:					
NAME:	TYPE:			WEIGHT:		
SPECIFICATION:	DIMENSION:			SERIAL No.:		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.167	.095	.030	.160	.091	.029	.147	.084	.027	.135	.078	.025	.125	.072	.023	
2.0	.158	.087	.027	.152	.084	.026	.142	.079	.024	.132	.074	.023	.123	.069	.022	
3.0	.150	.080	.024	.145	.078	.023	.136	.074	.022	.127	.070	.021	.120	.066	.020	
4.0	.142	.074	.022	.138	.072	.021	.130	.069	.021	.123	.066	.020	.116	.063	.019	
5.0	.135	.069	.020	.131	.067	.020	.124	.065	.019	.118	.062	.019	.112	.060	.018	
6.0	.128	.064	.018	.125	.063	.018	.119	.061	.018	.114	.059	.017	.109	.057	.017	
7.0	.123	.061	.017	.120	.060	.017	.115	.058	.017	.110	.056	.016	.105	.055	.016	
8.0	.117	.057	.016	.115	.057	.016	.110	.055	.016	.106	.054	.015	.102	.052	.015	
9.0	.112	.054	.015	.110	.054	.015	.106	.052	.015	.102	.051	.015	.098	.050	.014	
10.0	.108	.052	.014	.106	.051	.014	.102	.050	.014	.099	.049	.014	.095	.048	.014	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.173	.160	.148	.148	.137	.128	.101	.095	.088	.058	.055	.051	.019	.018	.017	
2.0	.157	.135	.117	.135	.116	.101	.092	.081	.070	.053	.047	.041	.017	.015	.013	
3.0	.144	.116	.094	.123	.100	.082	.085	.070	.057	.049	.041	.034	.016	.013	.011	
4.0	.133	.101	.077	.114	.088	.067	.079	.061	.047	.045	.036	.028	.015	.012	.009	
5.0	.124	.090	.064	.106	.077	.056	.073	.054	.039	.042	.032	.023	.014	.010	.008	
6.0	.116	.080	.054	.100	.069	.047	.069	.049	.033	.040	.029	.020	.013	.009	.007	
7.0	.109	.072	.046	.094	.063	.040	.065	.044	.029	.038	.026	.017	.012	.008	.006	
8.0	.104	.066	.040	.089	.057	.035	.062	.040	.025	.036	.024	.015	.012	.008	.005	
9.0	.098	.061	.035	.085	.053	.031	.059	.037	.022	.034	.022	.013	.011	.007	.004	
10.0	.094	.056	.031	.081	.049	.027	.056	.034	.019	.033	.020	.012	.011	.007	.004	

Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月03日

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

Uncorrected UGR Table

Report number:

MANUFACTURER:						Address:					
NAME:						TYPE:			WEIGHT:		
SPECIFICATION:						DIMENSION:			SERIAL No.:		
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	4.4	5.2	5.3	3.7	4.5	3.9	4.7	4.9	
3H	4.0	4.8	4.3	5.0	5.2	3.6	4.4	3.8	4.6	4.8	
4H	4.0	4.8	4.3	5.0	5.2	3.5	4.3	3.8	4.5	4.7	
6H	4.0	4.7	4.3	4.9	5.2	3.4	4.1	3.7	4.4	4.6	
8H	3.9	4.6	4.2	4.9	5.1	3.4	4.1	3.7	4.3	4.6	
12H	3.9	4.6	4.2	4.8	5.1	3.4	4.0	3.7	4.3	4.6	
4H 2H	3.9	4.7	4.2	4.9	5.1	3.5	4.2	3.8	4.5	4.7	
3H	3.9	4.5	4.2	4.8	5.1	3.4	4.1	3.7	4.3	4.6	
4H	3.8	4.4	4.2	4.7	5.0	3.4	4.0	3.7	4.3	4.6	
6H	3.8	4.3	4.2	4.6	5.0	3.3	3.8	3.7	4.2	4.5	
8H	3.8	4.3	4.2	4.6	5.0	3.3	3.8	3.7	4.1	4.5	
12H	3.8	4.2	4.2	4.6	5.0	3.2	3.7	3.6	4.0	4.4	
8H 4H	3.7	4.2	4.1	4.5	4.9	3.3	3.7	3.7	4.1	4.5	
6H	3.7	4.1	4.1	4.5	4.9	3.2	3.6	3.7	4.0	4.4	
8H	3.7	4.0	4.1	4.4	4.9	3.2	3.6	3.7	4.0	4.4	
12H	3.7	4.0	4.1	4.4	4.9	3.2	3.5	3.6	3.9	4.4	
12H 4H	3.7	4.1	4.1	4.5	4.9	3.2	3.6	3.6	4.0	4.4	
6H	3.6	4.0	4.1	4.4	4.9	3.2	3.5	3.6	4.0	4.4	
8H	3.6	3.9	4.1	4.4	4.8	3.2	3.5	3.6	3.9	4.4	
Variations with the observer position at spacings:											
S = 1.0H	+ 3.7 / - 5.6					+ 3.0 / - 5.3					
1.5H	+ 6.0 / - 5.4					+ 5.3 / - 5.1					
2.0H	+ 4.6 / - 2.0					+ 2.9 / - 2.0					

CIE Pub.117 Corrected 667.3 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.4)

Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月03日

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:	Address:		
NAME:	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

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	88	82	78	88	82	78	87	82	78	75
0.80	96	90	86	95	90	86	94	89	86	82
1.00	100	94	91	99	94	91	97	94	90	86
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	104	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月03日

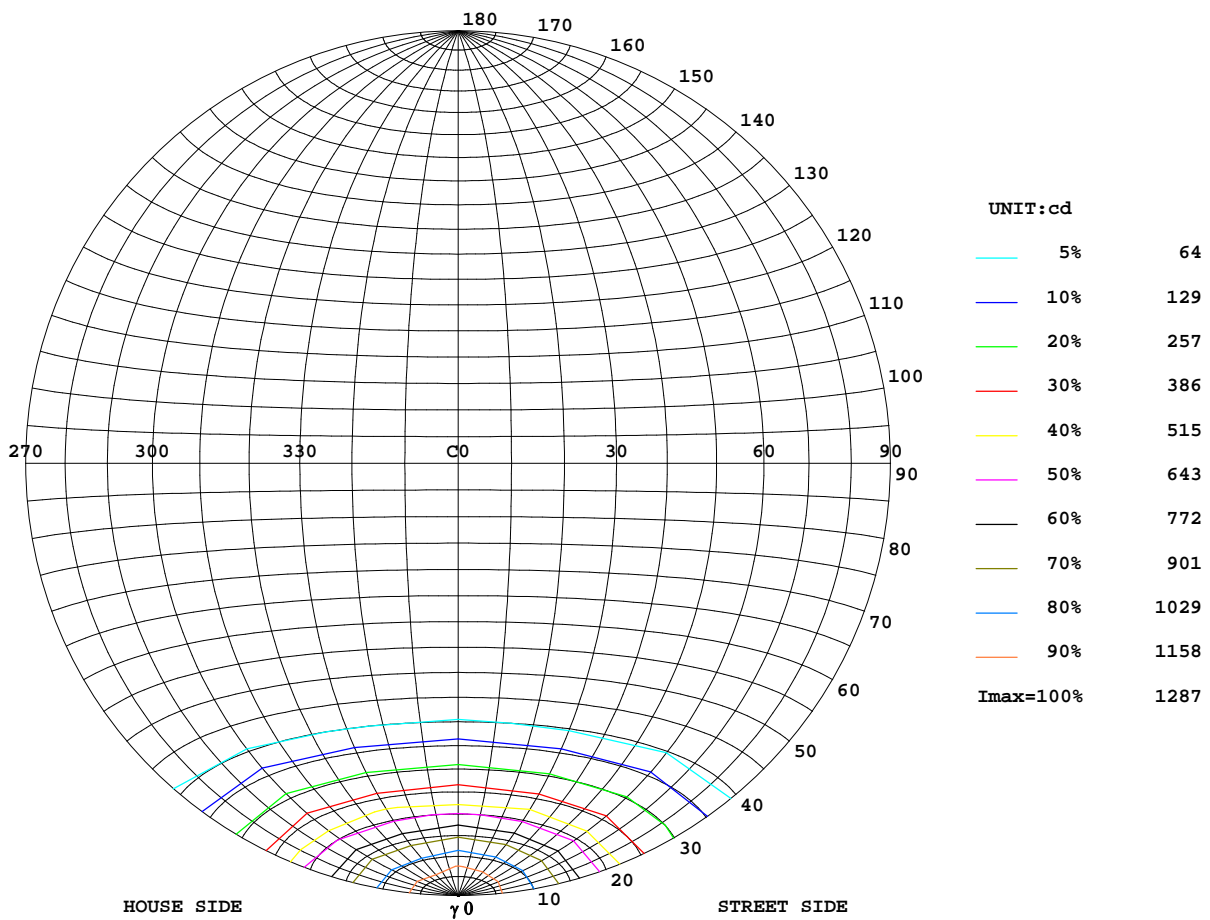
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月03日

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

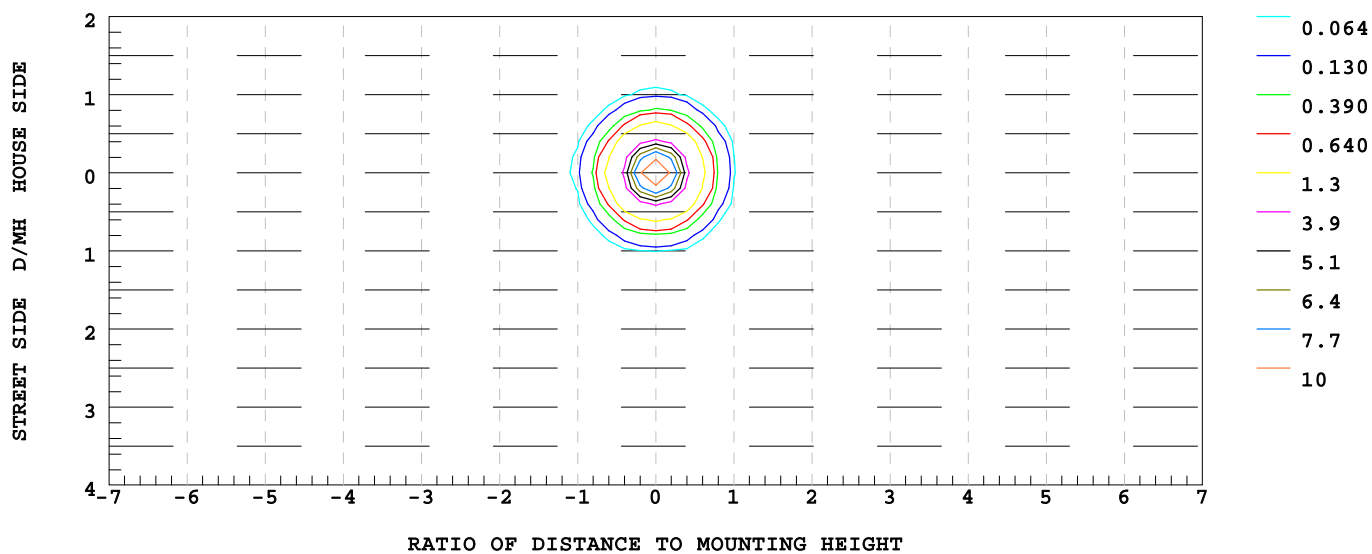
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 12.87 lx



Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月03日

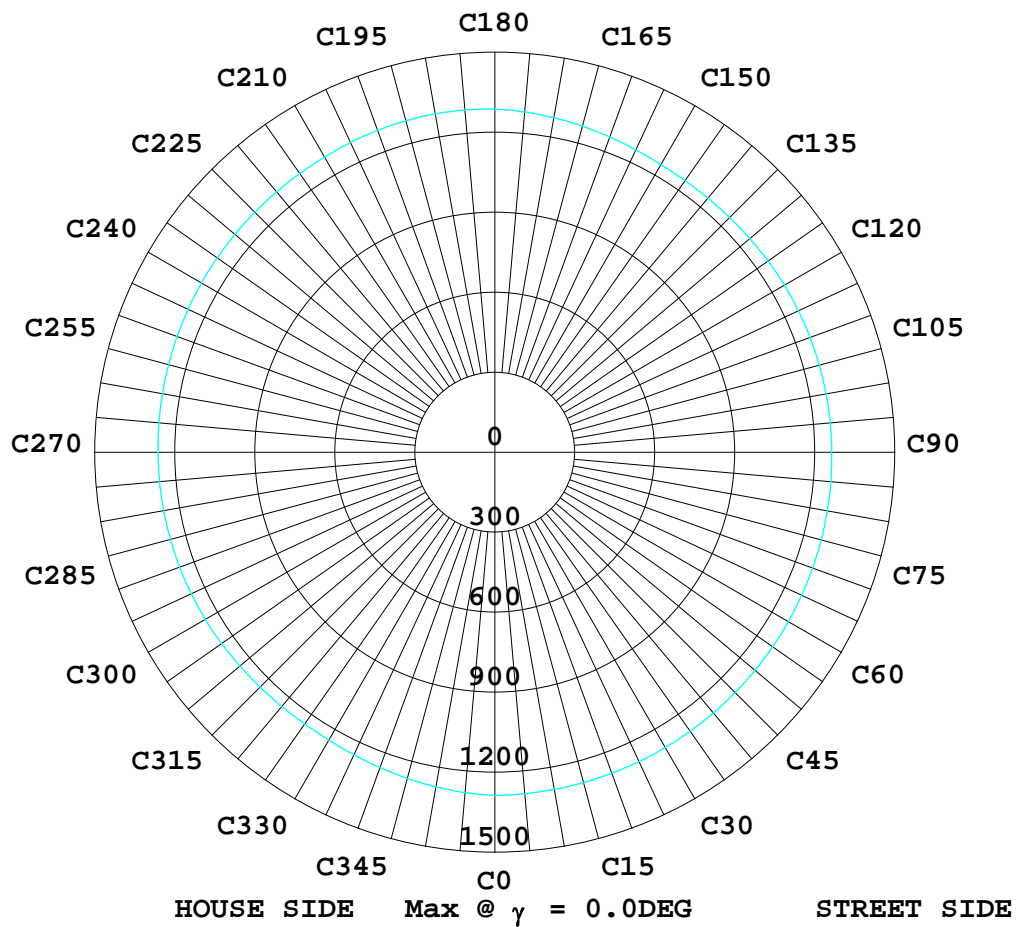
Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月03日

Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C(DEG)\ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1287	1278	1271	1263	1254	1246	1287	1278	1271	1263	1254	1246
5.0	1227	1209	1198	1183	1181	1180	1199	1203	1197	1198	1186	1179
10.0	1082	1061	1043	1035	1040	1046	1059	1062	1058	1053	1048	1037
15.0	884	860	841	835	842	855	852	868	860	861	848	840
20.0	651	629	616	603	614	624	621	640	701	639	632	616
25.0	436	418	412	402	411	418	409	431	429	435	421	413
30.0	283	269	266	254	262	268	262	277	280	283	277	265
35.0	157	145	144	134	142	145	137	155	156	160	149	144
40.0	69.0	58.9	60.1	53.3	60.1	57.5	56.5	65.9	84.1	69.4	63.0	60.1
45.0	26.6	21.6	22.7	18.7	21.1	19.6	19.4	24.4	23.0	26.6	23.1	23.4
50.0	12.0	9.70	11.1	8.90	10.3	8.90	9.20	11.5	9.70	11.5	9.50	10.9
55.0	7.80	6.40	7.50	5.90	7.00	5.90	6.20	7.80	6.50	7.60	6.20	7.30
60.0	5.60	4.60	5.50	4.20	5.20	4.20	4.30	5.70	4.70	5.60	4.40	5.30
65.0	3.90	3.00	3.80	2.70	3.50	2.70	2.80	4.00	3.10	3.90	2.90	3.60
70.0	2.50	1.80	2.40	1.60	2.30	1.60	1.80	2.70	1.90	2.50	1.70	2.40
75.0	1.80	1.20	1.70	1.00	1.60	1.10	1.10	1.80	1.20	1.80	1.10	1.70
80.0	1.20	0.60	1.20	0.50	1.10	0.60	0.60	1.20	0.70	1.20	0.70	1.20
85.0	0.70	0.20	0.60	0.10	0.60	0.20	0.10	0.70	0.30	0.70	0.30	0.70
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.10	0.10	0.10	0.00	0.10	0.00	0.30	0.30	0.30	0.30	0.30	0.30
140.0	0.30	0.40	0.40	0.40	0.40	0.30	0.70	0.70	0.60	0.60	0.70	0.70
145.0	0.70	0.80	0.70	0.80	0.70	0.70	1.10	1.10	1.10	1.00	1.10	1.10
150.0	1.10	1.20	1.10	1.10	1.10	1.10	1.50	1.50	1.50	1.50	1.50	1.50
155.0	1.50	1.60	1.50	1.50	1.50	1.40	1.90	1.90	1.90	1.80	1.90	1.90
160.0	1.80	1.90	1.80	1.90	1.80	1.70	2.10	2.10	2.20	2.10	2.10	2.10
165.0	2.10	2.20	2.10	2.10	2.00	2.00	2.40	2.30	2.40	2.30	2.30	2.40
170.0	2.40	2.40	2.30	2.40	2.20	2.20	2.60	2.40	2.50	2.50	2.40	2.50
175.0	2.60	2.50	2.40	2.50	2.40	2.40	2.70	2.50	2.50	2.60	2.50	2.50
180.0	2.70	2.60	2.50	2.60	2.50	2.50	2.70	2.60	2.60	2.60	2.50	2.50

Test System:HOP00
 Temperature:25.3DEG
 Operators:
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Test Set: 7.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
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