

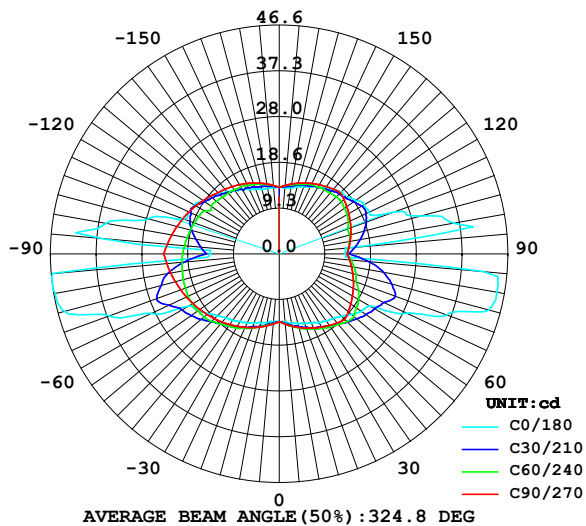
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

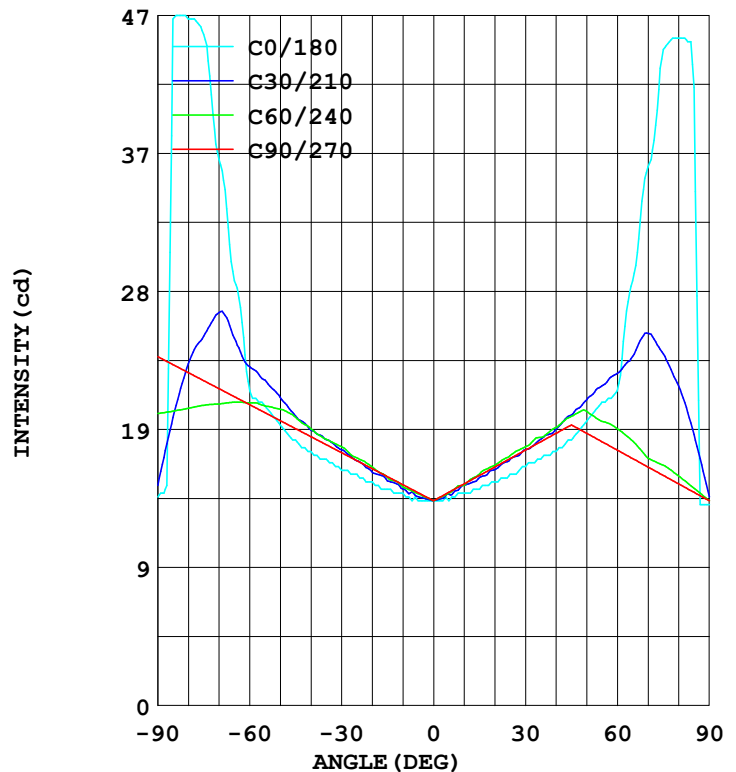
MANUFACTURER:	Address:	
NAME: LBD5050-4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	46.83	S/MH(C0/180)	1.85
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.94
NOMINAL POWER(W)	4	TOTAL FLUX(lm)	245.62	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	64.6	Current(A)	0.031
NOMINAL FLUX(lm)	245.6	□ up(%)	46.4	Power(W)	3.800
LAMPS QUANTITY	1	□ down(%)	53.6	Power Factor(PF)	0.556
TEST VOLTAGE(V)	220.3	Effective Flux(lm)	245.6	EEL	0.147

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年10月21日

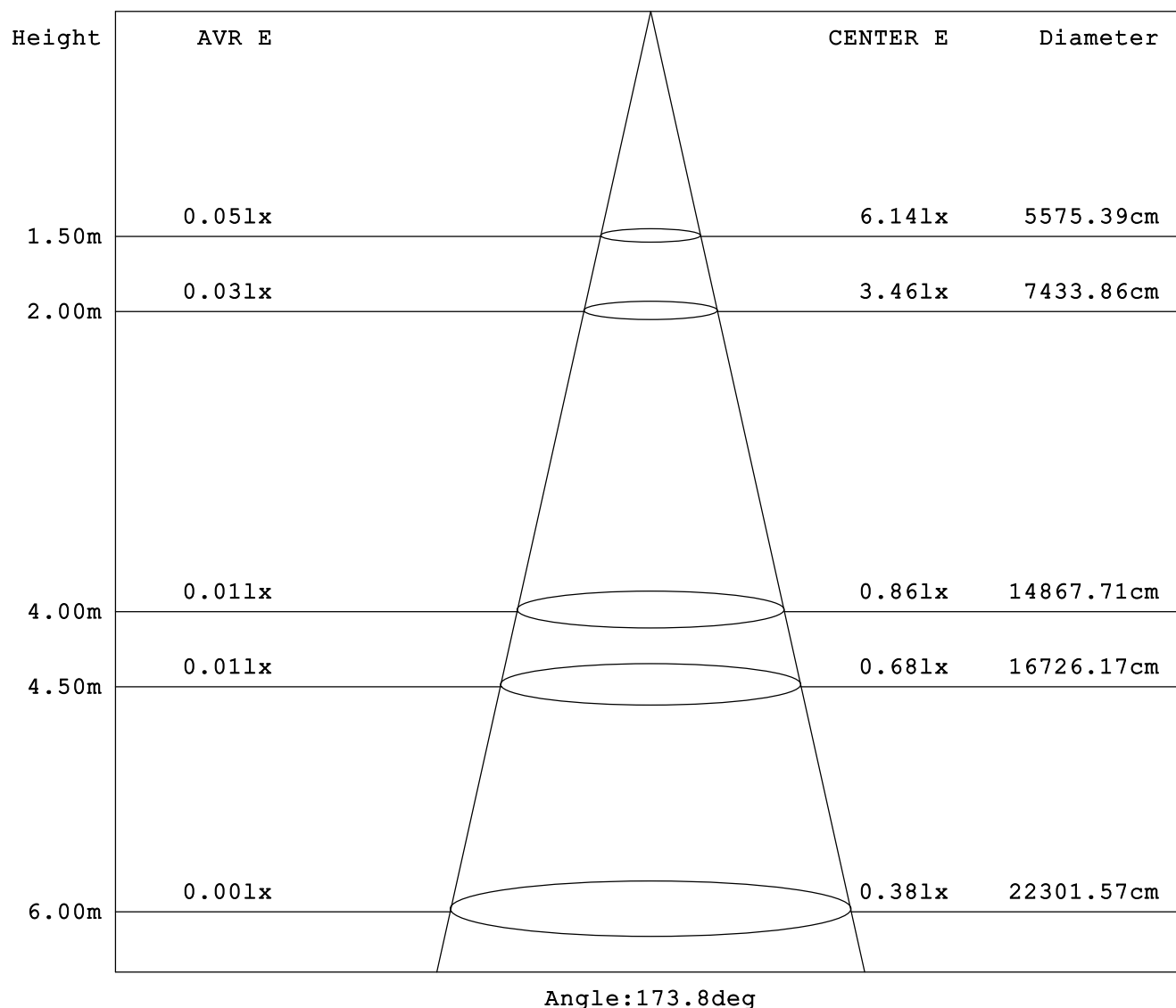
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LBD5050-4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2022年10月21日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:16.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LBD5050-4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	zone	total
5.0	13.82	14.20	14.36	14.32	13.82	14.36	14.39	14.22	0- 5	0.337	0.337
10.0	14.33	14.64	14.90	14.81	14.33	14.90	14.96	14.68	5- 10	1.038	1.374
15.0	14.59	15.46	15.44	15.43	14.59	15.52	15.53	15.55	10- 15	1.785	3.160
20.0	15.10	16.15	15.98	16.06	15.10	16.15	16.09	16.15	15- 20	2.572	5.733
25.0	15.61	16.62	16.52	16.71	15.61	16.75	16.66	16.76	20- 25	3.400	9.133
30.0	15.87	17.46	17.06	17.37	16.12	17.50	17.23	17.59	25- 30	4.261	13.39
35.0	16.63	18.19	17.60	18.05	16.63	18.05	17.80	18.20	30- 35	5.148	18.54
40.0	17.15	18.93	18.14	18.76	17.15	18.76	18.37	18.94	35- 40	6.050	24.59
45.0	17.92	19.68	18.68	19.33	17.92	19.53	18.94	19.68	40- 45	6.972	31.56
50.0	18.94	20.25	19.22	19.80	19.20	20.03	18.37	20.48	45- 50	7.899	39.46
55.0	20.22	21.07	19.76	20.50	20.48	21.04	17.80	21.20	50- 55	8.780	48.24
60.0	21.24	20.90	20.30	21.20	21.24	20.51	17.23	20.75	55- 60	9.700	57.94
65.0	28.67	20.60	20.84	21.72	28.67	19.70	16.66	20.03	60- 65	10.83	68.77
70.0	36.86	20.01	21.39	21.37	36.35	18.88	16.09	19.30	65- 70	12.18	80.96
75.0	45.31	19.07	21.93	20.62	44.28	17.59	15.53	18.37	70- 75	13.30	94.27
80.0	46.33	18.20	22.47	21.49	45.05	16.35	14.96	17.22	75- 80	13.68	107.9
85.0	46.33	17.20	23.01	20.89	41.72	14.97	14.39	15.91	80- 85	12.98	120.9
90.0	14.08	16.12	23.55	20.48	13.56	13.56	13.82	14.59	85- 90	10.71	131.6
95.0	36.35	16.56	22.89	20.36	13.56	14.36	14.25	15.19	90- 95	10.19	141.8
100.0	35.84	16.93	22.24	20.39	36.09	15.09	14.67	15.78	95-100	11.46	153.3
105.0	27.64	17.07	21.58	18.97	29.95	15.70	15.10	16.14	100-105	11.24	164.5
110.0	20.73	17.53	20.93	19.10	25.08	16.30	15.53	16.51	105-110	10.47	175.0
115.0	20.22	17.75	20.28	18.90	20.22	16.66	15.95	16.61	110-115	9.648	184.6
120.0	19.96	17.60	19.62	17.91	19.96	17.16	16.38	16.96	115-120	9.008	193.6
125.0	18.68	17.25	18.97	17.03	18.94	17.48	16.81	16.97	120-125	8.376	202.0
130.0	17.92	16.86	18.31	16.55	17.66	16.81	17.23	16.44	125-130	7.674	209.7
135.0	17.40	16.50	17.66	16.52	17.92	16.47	17.66	16.05	130-135	6.977	216.7
140.0	16.63	16.06	17.20	16.31	17.15	16.23	17.20	15.64	135-140	6.229	222.9
145.0	15.87	15.68	16.75	16.09	16.38	15.99	16.75	15.52	140-145	5.447	228.4
150.0	15.10	15.34	16.29	15.73	15.87	15.60	16.29	15.17	145-150	4.677	233.0
155.0	14.59	15.06	15.84	14.83	15.10	15.27	15.84	14.92	150-155	3.922	237.0
160.0	14.08	14.79	15.38	15.15	14.59	14.98	15.38	14.71	155-160	3.166	240.1
165.0	13.56	14.48	14.93	14.75	14.08	14.58	14.93	14.45	160-165	2.423	242.5
170.0	13.56	14.21	14.47	14.18	13.56	14.17	14.47	14.21	165-170	1.704	244.2
175.0	13.56	13.91	14.02	13.98	13.56	13.89	14.02	13.89	170-175	1.004	245.2
180.0	13.56	13.56	13.56	13.56	13.56	13.56	13.56	13.56	175-180	0.330	245.6
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年10月21日

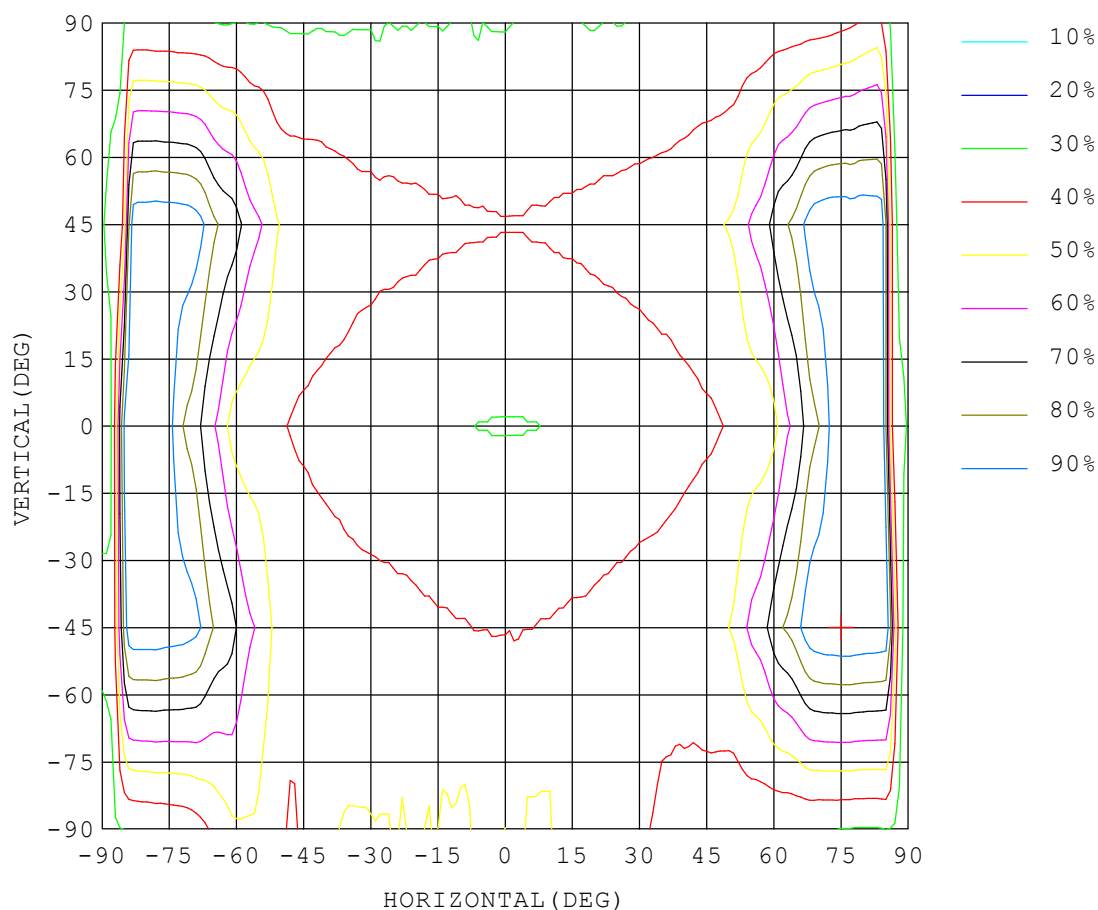
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LBD5050-4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年10月21日

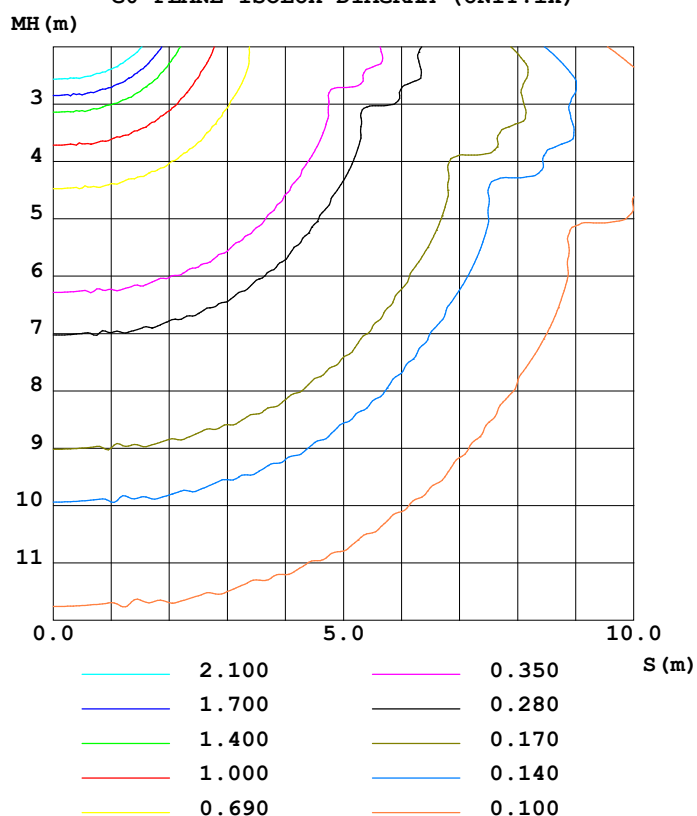
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

ISOLUX DIAGRAM

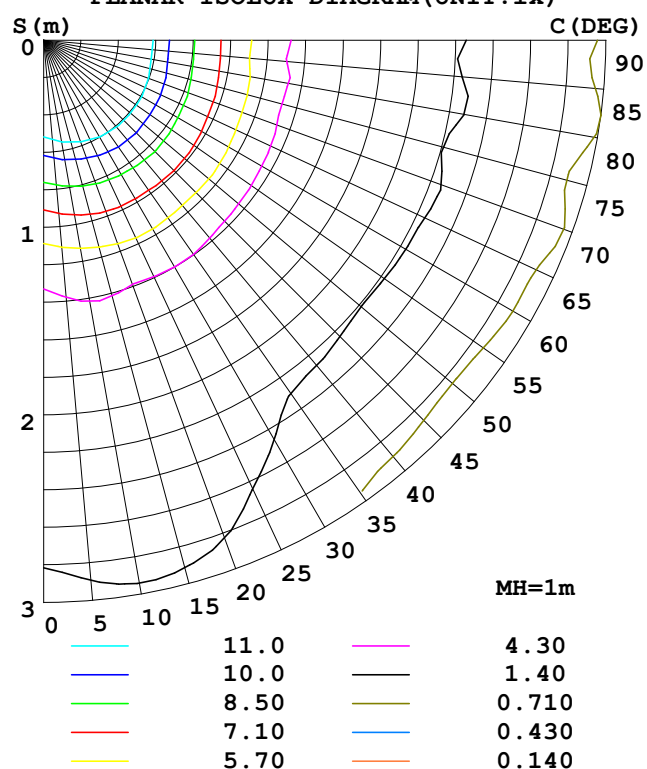
Report number:

MANUFACTURER:	Address:	
NAME: LBD5050-4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



PLANAR ISOLUX DIAGRAM (UNIT:lx)



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年10月21日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: LBD5050-4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) □ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
0.0	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
5.0	13.8	13.8	13.9	13.9	14.0	14.0	14.0	14.1	14.1	14.2	14.2	14.2	14.2	14.3	14.3
10.0	14.3	14.4	14.4	14.5	14.5	14.5	14.6	14.7	14.7	14.6	14.7	14.8	14.7	14.8	14.8
15.0	14.5	14.7	14.8	15.0	15.1	15.1	15.1	15.2	15.3	15.4	15.4	15.4	15.3	15.4	15.3
20.0	15.1	15.2	15.3	15.4	15.6	15.7	15.7	15.8	16.0	16.1	16.0	16.1	16.1	16.0	15.9
25.0	15.6	15.8	15.9	16.1	16.3	16.4	16.5	16.6	16.6	16.6	16.7	16.8	16.7	16.7	16.6
30.0	15.8	16.1	16.4	16.7	17.0	17.0	17.2	17.3	17.3	17.4	17.3	17.3	17.4	17.3	17.2
35.0	16.6	16.9	17.1	17.3	17.6	17.8	17.9	18.1	18.1	18.1	18.1	18.0	17.9	18.0	17.9
40.0	17.1	17.5	17.8	18.1	18.3	18.5	18.5	18.7	18.9	18.9	18.9	18.8	18.6	18.6	18.4
45.0	17.9	18.4	18.8	19.1	19.4	19.5	19.5	19.5	19.5	19.6	19.6	19.5	19.4	19.1	19.2
50.0	18.9	19.4	19.8	20.2	20.4	20.7	20.7	20.5	20.4	20.2	20.4	20.1	20.0	19.8	19.5
55.0	20.2	21.6	22.5	22.5	21.7	21.7	21.9	21.9	21.4	21.0	20.6	20.4	20.2	20.2	19.7
60.0	21.2	23.8	25.5	26.0	26.3	24.0	22.8	23.0	22.0	20.9	20.3	20.5	20.4	20.5	20.0
65.0	28.6	31.2	32.3	32.0	30.9	29.2	24.8	22.3	21.4	20.6	20.0	20.2	20.4	20.6	21.0
70.0	36.8	39.3	40.6	38.8	37.3	31.7	26.5	21.5	20.6	20.0	19.5	19.8	20.3	20.4	21.4
75.0	45.3	45.5	44.8	45.8	37.4	30.8	24.9	21.4	19.6	19.0	18.9	19.4	20.2	20.1	21.7
80.0	46.3	46.4	46.8	38.8	33.2	26.6	23.0	20.4	18.4	18.2	18.1	18.9	20.0	20.6	21.9
85.0	46.3	46.0	33.2	27.6	24.4	21.2	19.4	18.0	17.1	17.2	17.4	18.3	19.8	21.0	22.2
90.0	14.0	14.0	13.8	14.0	14.0	14.5	14.8	15.3	15.8	16.1	16.6	17.9	19.7	21.2	22.5
95.0	36.3	43.6	27.8	22.6	18.6	16.9	16.0	16.3	16.6	16.5	16.8	17.8	19.3	20.4	21.8
100.0	35.8	36.3	35.9	27.3	22.3	18.2	17.2	17.2	17.2	16.9	17.0	17.9	19.0	19.5	21.2
105.0	27.6	30.2	29.6	27.7	23.4	19.0	18.4	18.0	17.8	17.0	17.3	17.9	18.8	18.7	20.6
110.0	20.7	22.7	24.3	24.0	20.9	19.7	19.3	18.9	17.9	17.5	17.5	17.8	18.4	18.8	20.0
115.0	20.2	21.1	20.9	20.4	20.1	20.3	19.8	19.1	18.1	17.7	17.3	17.6	18.0	18.6	19.5
120.0	19.9	20.0	19.9	19.9	19.7	19.6	19.6	18.9	18.1	17.6	17.3	17.5	17.4	18.1	18.2
125.0	18.6	18.8	18.9	19.0	19.2	19.1	18.6	18.2	17.8	17.2	16.8	17.0	16.9	17.5	17.6
130.0	17.9	18.2	18.6	18.5	18.3	18.1	17.8	17.5	17.1	16.8	16.7	16.6	16.7	16.9	17.3
135.0	17.4	17.5	17.6	17.5	17.4	17.3	17.0	16.7	16.5	16.5	16.3	16.3	16.4	16.7	17.2
140.0	16.6	16.7	16.7	16.6	16.6	16.4	16.3	16.1	16.2	16.0	15.6	16.0	16.1	16.4	16.8
145.0	15.8	15.9	15.9	15.8	15.8	15.8	15.8	15.7	15.7	15.6	15.7	15.7	15.9	16.3	16.4
150.0	15.1	15.2	15.3	15.4	15.2	15.3	15.1	15.2	15.3	15.3	15.4	15.5	15.7	15.9	16.0
155.0	14.5	14.6	14.6	14.6	14.7	14.9	14.9	14.9	15.0	15.0	15.1	15.3	15.4	15.5	15.7
160.0	14.0	14.1	14.2	14.3	14.4	14.4	14.5	14.6	14.6	14.7	14.8	14.9	15.0	15.2	15.2
165.0	13.5	13.6	13.7	13.8	14.0	14.1	14.2	14.3	14.4	14.4	14.5	14.6	14.7	14.8	14.8
170.0	13.5	13.6	13.7	13.7	13.8	13.9	14.0	14.0	14.1	14.2	14.2	14.3	14.3	14.4	14.4
175.0	13.5	13.6	13.6	13.6	13.7	13.7	13.8	13.8	13.8	13.9	13.9	13.9	13.9	14.0	14.0
180.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年10月21日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: LBD5050-4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) □ (DEG)	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0.0	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
5.0	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.2	14.2	14.2	14.3	14.3	14.3
10.0	14.8	14.8	14.9	14.9	14.8	14.8	14.8	14.8	14.9	14.7	14.8	14.8	14.8	14.8	14.9
15.0	15.3	15.4	15.4	15.4	15.3	15.3	15.5	15.3	15.4	15.4	15.5	15.5	15.4	15.3	15.2
20.0	15.9	15.9	15.9	15.9	15.9	15.9	15.9	16.0	16.1	16.1	16.0	16.1	16.0	15.9	16.0
25.0	16.5	16.4	16.5	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.7	16.7	16.7	16.6	16.6
30.0	17.1	17.0	17.0	17.0	16.9	17.0	17.1	17.2	17.2	17.3	17.3	17.3	17.3	17.4	17.2
35.0	17.7	17.6	17.5	17.6	17.4	17.6	17.7	17.7	17.9	17.9	18.0	18.1	18.0	18.0	17.9
40.0	18.3	18.2	18.1	18.1	17.9	18.1	18.3	18.4	18.4	18.5	18.7	18.7	18.7	18.7	18.5
45.0	18.9	18.8	18.6	18.6	18.5	18.6	18.8	19.0	19.1	19.2	19.3	19.4	19.3	19.1	19.2
50.0	19.4	19.4	18.8	19.2	19.1	19.2	19.3	19.4	19.5	20.0	20.1	19.9	19.8	19.8	20.0
55.0	19.2	20.0	19.2	19.7	19.6	20.0	20.0	20.0	20.0	20.3	20.5	20.4	20.5	20.7	20.9
60.0	19.2	20.7	19.8	20.3	20.1	20.7	20.7	20.7	20.8	21.0	20.9	21.0	21.2	21.4	21.9
65.0	19.7	21.3	20.4	20.8	20.5	21.4	21.4	20.7	21.5	21.5	21.4	21.4	21.7	21.6	21.4
70.0	20.1	21.9	21.2	21.3	20.9	22.0	22.0	20.6	21.7	21.8	21.8	21.8	21.3	20.6	22.0
75.0	20.2	22.5	22.0	21.9	21.3	22.6	22.0	20.8	21.5	22.2	22.4	22.1	20.6	19.9	22.4
80.0	20.4	23.1	22.8	22.4	21.7	23.3	21.9	21.0	22.3	22.7	22.9	22.3	21.4	20.7	23.0
85.0	20.5	23.7	23.6	23.0	22.1	23.9	22.0	21.2	23.2	23.3	23.3	22.9	20.8	21.1	23.4
90.0	20.7	24.3	24.3	23.5	22.5	24.5	22.2	21.5	23.8	23.8	23.8	23.2	20.4	21.2	23.0
95.0	20.3	23.5	23.5	22.8	21.9	23.7	21.7	20.9	22.7	22.8	22.8	22.3	20.3	20.7	22.2
100.0	19.9	22.8	22.6	22.2	21.3	22.9	21.4	20.3	21.5	21.8	21.9	21.3	20.3	19.8	21.2
105.0	19.5	22.0	21.7	21.5	20.7	22.1	21.1	19.7	20.3	20.9	21.0	20.5	18.9	18.5	20.5
110.0	19.2	21.3	20.8	20.9	20.2	21.3	20.9	19.3	20.0	20.0	20.1	19.8	19.1	18.6	20.1
115.0	18.5	20.6	19.9	20.2	19.6	20.5	20.1	19.0	19.4	19.2	19.1	19.0	18.9	18.8	19.2
120.0	18.0	19.8	19.2	19.6	19.1	19.7	19.2	18.8	18.5	18.3	18.1	18.1	17.9	17.9	18.7
125.0	17.8	19.0	18.6	18.9	18.6	18.9	18.5	17.9	17.4	17.4	17.3	17.2	17.0	17.3	17.7
130.0	17.8	18.3	18.2	18.3	18.0	18.1	17.7	17.0	16.8	16.6	16.6	16.6	16.5	17.0	17.3
135.0	17.3	17.6	17.9	17.6	17.5	17.3	17.1	16.7	16.4	16.4	16.4	16.4	16.5	16.0	16.8
140.0	16.9	17.1	17.4	17.2	17.1	16.9	16.9	16.5	16.2	16.1	16.2	16.2	16.3	16.4	16.6
145.0	16.6	16.7	16.9	16.7	16.8	16.4	16.5	16.3	16.1	15.9	15.9	16.0	16.0	16.0	16.2
150.0	16.2	16.2	16.4	16.2	16.3	15.7	16.0	16.0	15.9	15.7	15.7	15.3	15.7	15.7	15.8
155.0	15.7	15.9	15.9	15.8	15.9	15.6	15.6	15.7	15.6	15.5	15.5	15.3	14.8	15.1	15.4
160.0	15.3	15.4	15.4	15.3	15.4	15.4	15.0	15.1	15.2	15.2	15.2	15.0	15.1	15.0	14.9
165.0	14.9	14.9	15.0	14.9	14.9	15.0	14.8	14.6	14.7	14.7	14.8	14.7	14.7	14.7	14.6
170.0	14.5	14.5	14.5	14.4	14.4	14.6	14.6	14.5	14.3	14.2	14.2	14.2	14.1	14.2	14.2
175.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.1	14.2	14.1	14.1	14.0	13.9	13.8	13.8
180.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年10月21日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:				
NAME: LBD5050-4	TYPE:			WEIGHT:	
SPECIFICATION:	DIMENSION:			SERIAL No.:	

UNIT: cd

C (DEG) □ (DEG)	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220
0.0	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
5.0	14.2	14.1	14.0	14.0	13.9	13.8	13.8	13.8	13.9	14.0	14.1	14.1	14.2	14.3	14.3
10.0	14.8	14.7	14.6	14.6	14.5	14.4	14.3	14.4	14.5	14.6	14.7	14.7	14.8	14.9	14.9
15.0	15.3	15.2	15.1	14.9	14.8	14.7	14.5	14.7	14.8	15.0	15.1	15.2	15.4	15.3	15.4
20.0	15.9	15.7	15.7	15.6	15.4	15.2	15.1	15.2	15.4	15.6	15.7	15.8	15.9	16.1	16.0
25.0	16.5	16.5	16.2	16.0	15.9	15.8	15.6	15.8	15.9	16.0	16.2	16.5	16.6	16.7	16.7
30.0	17.2	17.0	16.9	16.8	16.6	16.3	16.1	16.4	16.6	16.8	16.9	17.0	17.2	17.2	17.4
35.0	17.8	17.7	17.5	17.4	17.2	16.9	16.6	16.9	17.2	17.4	17.6	17.8	17.9	17.9	18.0
40.0	18.5	18.3	18.2	18.0	17.8	17.5	17.1	17.5	18.0	18.2	18.5	18.6	18.6	18.7	18.7
45.0	19.2	19.2	19.0	18.9	18.7	18.3	17.9	18.4	18.9	19.1	19.4	19.4	19.6	19.6	19.3
50.0	20.1	20.1	20.0	19.9	19.8	19.5	19.2	19.6	19.9	20.2	20.3	20.6	20.6	20.6	20.5
55.0	21.1	20.9	21.0	21.2	21.6	21.3	20.4	21.6	22.2	22.0	21.5	21.5	21.5	21.6	21.4
60.0	21.8	22.1	24.2	24.7	24.1	23.0	21.2	23.4	24.7	25.4	25.4	23.1	22.4	22.5	21.5
65.0	22.6	26.6	27.7	29.8	30.8	30.1	28.6	30.4	31.2	30.8	29.1	28.0	23.5	21.5	20.7
70.0	25.3	28.8	34.4	35.1	37.6	38.1	36.3	38.3	38.4	36.1	35.3	29.5	25.1	20.5	19.4
75.0	26.3	30.6	34.1	42.7	42.8	43.9	44.2	44.1	43.4	43.7	34.3	29.3	23.7	19.9	18.2
80.0	25.8	28.3	31.5	37.5	45.0	45.3	45.0	45.5	45.5	37.8	31.1	25.2	21.5	19.0	16.8
85.0	24.7	23.9	24.8	27.4	33.0	45.5	41.7	45.5	33.1	27.2	23.6	20.1	18.3	16.7	15.3
90.0	22.7	19.4	15.8	15.1	14.5	14.0	13.5	13.8	14.5	14.3	14.0	14.0	14.0	14.0	13.8
95.0	22.3	21.5	20.6	23.4	30.0	43.9	13.5	43.2	29.7	22.5	19.0	17.3	15.4	15.2	14.8
100.0	21.8	23.4	23.6	29.6	36.2	38.7	36.0	37.9	35.1	28.9	22.2	19.5	16.7	16.3	15.8
105.0	21.2	22.2	25.7	29.1	32.3	31.6	29.9	30.7	31.8	28.6	24.9	19.2	17.9	17.1	16.4
110.0	20.6	20.5	23.4	25.5	25.0	25.9	25.0	25.3	24.5	25.4	22.6	19.6	18.8	18.0	17.1
115.0	19.7	20.1	20.3	21.5	22.9	22.1	20.2	21.7	22.4	20.8	20.1	20.1	19.4	18.6	17.4
120.0	19.4	19.4	19.8	20.0	20.3	20.5	19.9	20.0	20.0	19.9	19.7	19.4	19.4	18.7	17.6
125.0	18.6	19.0	18.4	19.2	19.1	19.3	18.9	19.1	19.2	19.0	18.9	18.9	18.5	17.8	17.6
130.0	17.7	18.0	18.5	18.6	18.5	16.8	17.6	17.9	18.3	18.4	18.4	18.1	17.7	17.4	17.4
135.0	17.1	17.5	17.7	17.9	18.0	18.1	17.9	17.9	17.8	17.8	17.6	17.3	17.3	17.1	16.6
140.0	15.4	16.8	17.0	17.2	17.4	17.5	17.1	17.1	17.0	17.1	17.0	16.9	16.7	16.5	16.3
145.0	16.3	16.3	15.1	14.4	15.3	16.2	16.3	16.4	16.5	16.4	16.3	16.2	16.1	16.1	15.9
150.0	15.8	15.9	16.0	16.0	16.0	16.1	15.8	15.8	15.8	15.8	15.8	15.7	15.6	15.7	15.6
155.0	15.4	15.4	15.4	15.5	15.4	15.4	15.1	15.1	15.2	15.3	15.2	15.2	15.2	15.2	15.3
160.0	14.6	13.0	14.3	14.9	14.9	14.9	14.5	14.6	14.7	14.8	14.8	14.7	14.8	14.9	14.9
165.0	14.5	14.6	14.6	14.5	14.4	14.4	14.0	14.1	14.2	14.3	14.4	14.5	14.5	14.5	14.6
170.0	14.2	14.1	14.0	14.0	13.9	13.8	13.5	13.6	13.7	13.7	13.8	13.9	13.9	14.0	14.1
175.0	13.7	13.7	13.7	13.6	13.6	13.6	13.5	13.6	13.6	13.6	13.7	13.7	13.7	13.8	13.8
180.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2022年10月21日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:16.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:				
NAME: LBD5050-4	TYPE:			WEIGHT:	
SPECIFICATION:	DIMENSION:			SERIAL No.:	

UNIT: cd

C (DEG) □ (DEG)	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
5.0	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
10.0	14.9	14.9	14.9	14.8	15.0	15.0	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.8	14.8
15.0	15.5	15.5	15.6	15.6	15.6	15.5	15.6	15.5	15.5	15.5	15.5	15.5	15.4	15.5	15.5
20.0	16.1	16.2	16.2	16.2	16.3	16.2	16.1	16.1	16.0	16.0	16.0	16.0	16.1	16.1	16.1
25.0	16.7	16.9	16.8	16.8	16.8	16.8	16.8	16.7	16.6	16.6	16.6	16.6	16.8	16.7	16.9
30.0	17.5	17.5	17.4	17.4	17.4	17.4	17.4	17.3	17.3	17.2	17.2	17.3	17.3	17.5	17.5
35.0	18.0	18.2	18.1	18.1	18.0	18.1	18.0	17.9	17.9	17.8	17.7	17.9	17.9	18.1	18.0
40.0	18.7	18.8	18.8	18.7	18.8	18.7	18.5	18.5	18.5	18.3	18.3	18.5	18.6	18.8	18.8
45.0	19.5	19.4	19.3	19.5	19.2	19.2	19.2	19.1	19.0	18.9	18.9	19.1	19.3	19.2	19.4
50.0	20.0	20.1	20.1	19.8	19.4	19.1	18.9	18.7	18.4	18.3	18.4	18.7	18.9	19.3	19.6
55.0	21.0	20.0	19.5	19.1	18.9	18.5	18.3	18.1	17.8	17.8	17.8	18.1	18.4	18.6	19.0
60.0	20.5	19.4	18.9	18.6	18.2	17.8	17.6	17.6	17.3	17.2	17.4	17.5	17.9	18.0	18.4
65.0	19.7	18.8	18.2	17.8	17.5	17.3	17.0	17.0	16.8	16.6	16.9	16.9	17.2	17.5	17.7
70.0	18.8	18.0	17.3	16.6	16.8	16.7	16.4	16.6	16.3	16.0	16.4	16.4	16.5	16.7	17.0
75.0	17.5	17.1	16.5	16.2	16.0	16.0	15.8	16.2	15.7	15.5	15.9	15.8	15.9	15.9	16.3
80.0	16.3	15.9	15.6	15.4	15.4	15.3	15.2	15.7	15.2	14.9	15.4	15.2	15.3	15.2	15.6
85.0	14.9	14.9	14.6	14.6	14.8	14.5	14.6	15.3	14.6	14.3	14.8	14.6	14.7	14.5	14.8
90.0	13.5	13.8	13.5	13.8	14.0	13.8	14.0	14.8	14.0	13.8	14.3	14.0	14.0	13.8	14.0
95.0	14.3	14.3	14.1	14.1	14.3	14.1	14.3	15.1	14.4	14.2	14.7	14.4	14.4	14.1	14.3
100.0	15.0	14.7	14.6	14.5	14.6	14.5	14.6	15.3	14.8	14.6	15.0	14.8	14.7	14.4	14.6
105.0	15.7	15.4	15.1	14.8	14.8	14.9	14.9	15.5	15.2	15.1	15.4	15.2	15.0	14.7	14.9
110.0	16.3	15.8	15.4	14.8	15.1	15.2	15.2	15.8	15.5	15.5	15.7	15.5	15.4	15.0	15.2
115.0	16.6	16.3	15.8	15.6	15.5	15.5	15.6	16.0	16.0	15.9	16.1	15.9	15.8	15.4	15.4
120.0	17.1	16.5	16.0	15.9	15.8	15.8	16.1	16.4	16.4	16.3	16.5	16.3	16.1	15.8	15.7
125.0	17.4	16.7	16.2	16.2	16.1	16.2	16.6	16.7	16.8	16.8	16.8	16.7	16.5	16.1	15.9
130.0	16.8	16.5	16.6	16.5	16.5	16.6	17.1	17.0	17.2	17.2	17.3	17.1	16.8	16.6	16.2
135.0	16.4	16.4	16.4	16.4	16.4	16.7	17.3	17.3	17.6	17.6	17.7	17.6	17.1	17.0	16.3
140.0	16.2	16.2	16.2	16.2	16.4	16.7	16.8	16.9	17.1	17.2	17.3	17.0	16.8	16.6	16.1
145.0	15.9	15.9	15.9	15.9	16.1	16.4	16.4	16.5	16.7	16.7	16.9	16.5	16.4	16.2	16.1
150.0	15.6	15.6	15.6	15.7	16.0	15.9	16.0	16.0	16.2	16.2	16.4	16.2	16.1	15.9	15.7
155.0	15.2	15.4	15.3	15.5	15.5	15.5	15.6	15.7	15.8	15.8	15.9	15.8	15.6	15.5	15.4
160.0	14.9	15.1	15.1	15.0	15.1	15.1	15.2	15.3	15.3	15.3	15.4	15.4	15.3	15.2	15.1
165.0	14.5	14.5	14.6	14.6	14.7	14.7	14.8	14.9	14.9	14.9	15.0	14.9	14.9	14.8	14.7
170.0	14.1	14.2	14.2	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.5	14.5	14.5	14.4	14.3
175.0	13.8	13.9	13.9	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
180.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年10月21日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:		
NAME: LBD5050-4	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

UNIT: cd

C (DEG) □ (DEG)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
5.0	14.3	14.2	14.2	14.2	14.1	14.1	14.1	14.0	14.0	13.9	13.9	13.8
10.0	14.8	14.9	14.8	14.6	14.7	14.7	14.6	14.5	14.5	14.5	14.4	14.4
15.0	15.4	15.4	15.5	15.5	15.4	15.3	15.2	15.2	15.1	15.0	14.8	14.7
20.0	16.2	16.2	16.1	16.1	16.0	15.9	15.8	15.8	15.6	15.5	15.4	15.2
25.0	16.8	16.8	16.8	16.7	16.7	16.7	16.5	16.4	16.3	16.1	16.0	15.8
30.0	17.5	17.4	17.5	17.5	17.4	17.3	17.3	17.0	17.0	16.7	16.4	16.1
35.0	18.1	18.2	18.3	18.2	18.2	18.2	17.9	17.9	17.6	17.4	17.2	16.9
40.0	18.9	19.0	19.0	18.9	18.9	18.9	18.8	18.6	18.4	18.2	17.8	17.5
45.0	19.6	19.6	19.6	19.6	19.7	19.6	19.7	19.6	19.4	19.1	18.8	18.4
50.0	20.1	20.4	20.4	20.4	20.4	20.7	20.7	20.8	20.4	20.2	19.9	19.5
55.0	19.4	20.0	20.5	21.2	21.7	21.9	21.9	21.7	21.8	22.3	22.4	21.5
60.0	18.8	19.2	19.9	20.7	21.8	23.0	23.0	23.9	26.0	25.7	25.2	23.6
65.0	18.0	18.6	19.1	20.0	21.3	22.1	24.6	28.7	30.2	31.7	31.9	31.0
70.0	17.4	17.7	18.4	19.3	20.1	21.4	26.1	30.9	36.6	37.8	39.9	39.1
75.0	16.6	17.0	17.5	18.3	19.0	21.1	24.7	30.8	36.5	45.0	44.4	45.2
80.0	15.7	16.1	16.5	17.2	17.8	20.2	23.0	26.9	33.3	39.0	46.0	46.1
85.0	14.9	15.0	15.4	15.9	16.5	17.9	19.9	22.1	25.6	29.1	34.9	45.5
90.0	14.0	14.0	14.3	14.5	15.1	15.3	15.8	16.1	16.3	17.4	18.9	17.2
95.0	14.3	14.4	14.7	15.1	15.8	16.2	16.7	18.0	19.9	24.2	29.6	42.9
100.0	14.6	14.9	15.2	15.7	16.5	17.1	17.5	18.7	22.7	27.6	35.2	35.8
105.0	14.9	15.2	15.6	16.1	17.0	17.8	18.4	19.0	23.3	27.2	29.1	29.7
110.0	15.2	15.3	15.9	16.5	17.2	18.4	19.1	19.6	20.6	23.6	23.9	22.3
115.0	15.3	15.5	16.2	16.6	17.6	18.6	19.7	20.1	20.0	20.0	20.5	20.7
120.0	15.7	15.8	16.2	16.9	17.5	18.4	19.3	19.5	19.5	19.6	19.7	19.7
125.0	16.0	16.1	16.2	16.9	17.3	17.7	18.2	18.7	19.0	18.8	18.6	18.6
130.0	16.3	16.3	16.2	16.4	16.8	17.1	17.4	17.8	18.0	18.2	18.1	18.0
135.0	16.1	16.1	15.8	16.0	16.2	16.5	16.8	16.8	17.0	17.2	17.4	17.2
140.0	15.8	15.8	15.8	15.6	15.8	15.8	16.0	16.2	16.3	16.4	16.4	16.4
145.0	15.7	15.5	15.5	15.5	15.4	15.4	15.5	15.5	15.6	15.6	15.6	15.6
150.0	15.6	15.3	15.1	15.1	15.1	15.1	15.0	15.0	15.0	15.1	15.0	14.9
155.0	15.3	15.2	14.9	14.9	14.7	14.7	14.7	14.6	14.6	14.6	14.5	14.4
160.0	15.0	14.8	14.8	14.7	14.5	14.4	14.4	14.3	14.2	14.1	14.0	13.9
165.0	14.7	14.6	14.5	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6
170.0	14.3	14.2	14.2	14.2	14.1	14.0	13.9	13.9	13.8	13.7	13.7	13.6
175.0	13.9	13.9	13.9	13.8	13.8	13.8	13.7	13.7	13.7	13.6	13.6	13.6
180.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年10月21日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:16.000 m
Remarks: