

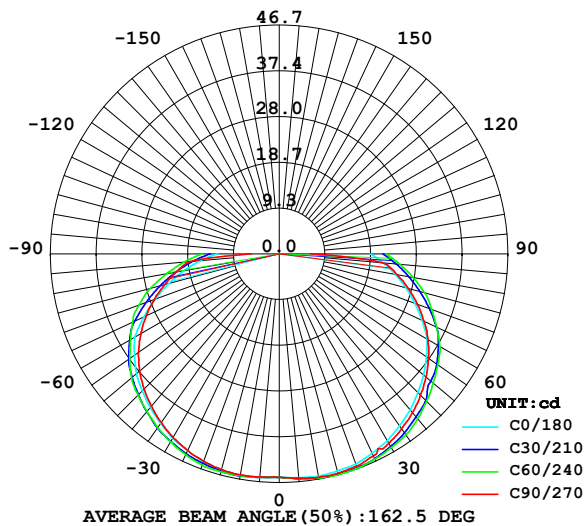
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

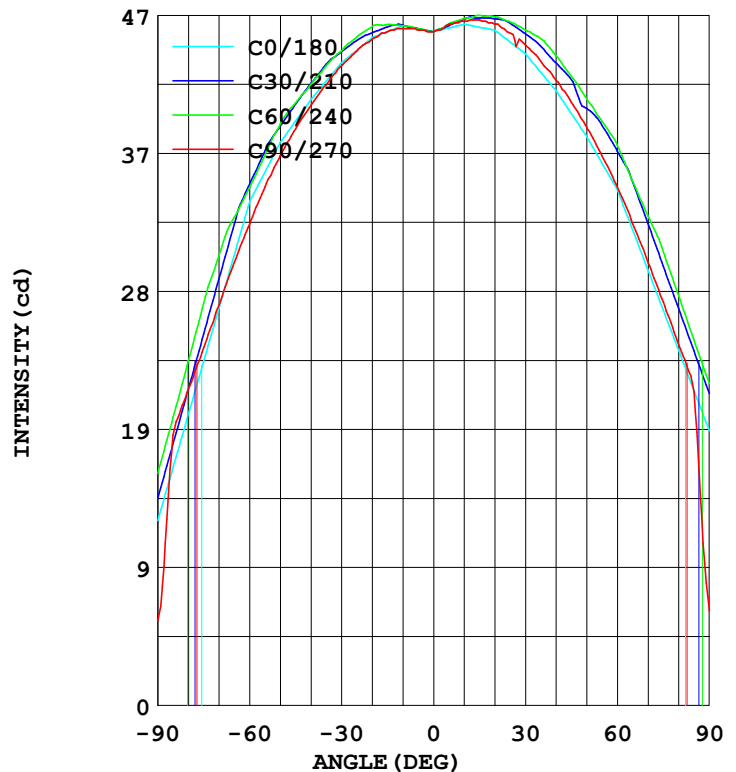
MANUFACTURER:	Address:	
NAME: 500430	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	46.78	S/MH(C0/180)	1.43
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.42
NOMINAL POWER(W)	8	TOTAL FLUX(lm)	213.94	Voltage(V)	220.1
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	25.5	Current(A)	0.072
NOMINAL FLUX(lm)	213.9	η up(%)	0.0	Power(W)	8.400
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.532
TEST VOLTAGE(V)	220.1	Effective Flux(lm)	213.9	EEL	0.360

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1900
Temperature: 25.3 DEG
Operators:
Test Date: 2021年06月07日

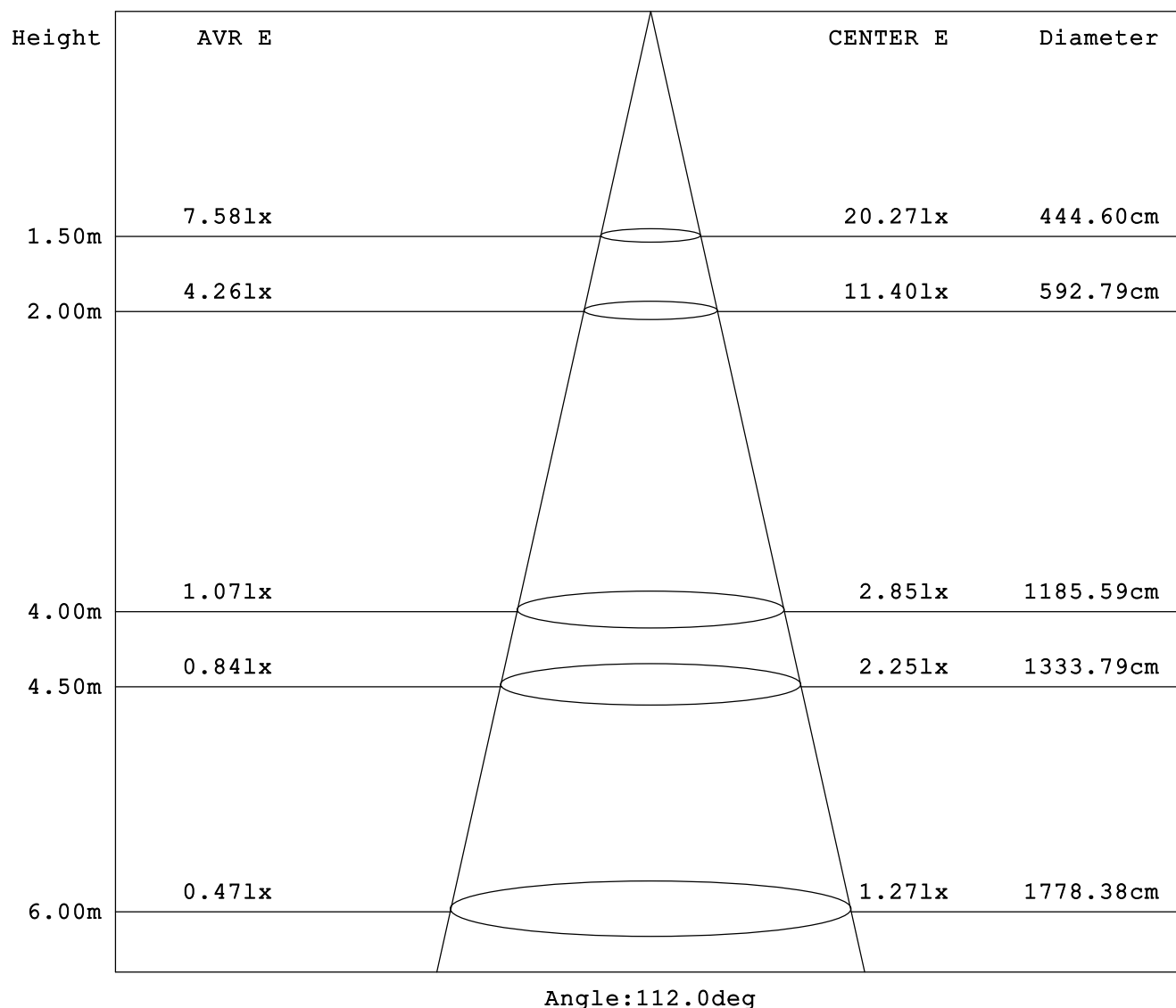
Test Set: 5.0deg/s A-Alpha (TYPE A)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: 500430	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2021年06月07日

Test Set: 5.0deg/s A-Alpha (TYPE A)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 500430	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	45.79	45.80	45.69	45.89	45.84	46.08	46.09	46.02	0- 5	1.095	1.095
10.0	46.00	46.08	45.79	46.22	46.09	46.48	46.29	46.41	5- 10	3.296	4.391
15.0	45.59	46.13	45.59	46.37	45.89	46.67	46.39	46.50	10- 15	5.482	9.874
20.0	45.20	45.70	45.10	46.12	45.69	46.61	46.09	46.33	15- 20	7.593	17.46
25.0	44.34	45.21	44.29	45.68	44.90	46.48	45.50	45.94	20- 25	9.583	27.05
30.0	43.50	44.44	43.29	44.98	44.10	45.95	44.70	44.97	25- 30	11.39	38.44
35.0	42.25	43.54	42.00	44.13	42.85	45.05	43.59	44.22	30- 35	13.00	51.44
40.0	41.00	42.53	40.59	43.23	41.60	43.91	42.29	43.05	35- 40	14.35	65.80
45.0	39.55	40.98	39.00	41.68	40.05	42.80	40.79	41.75	40- 45	15.44	81.25
50.0	38.10	39.21	37.20	40.11	38.50	41.70	39.09	40.40	45- 50	16.25	97.50
55.0	36.09	37.50	35.10	38.28	36.70	39.97	37.20	38.12	50- 55	16.75	114.2
60.0	34.09	35.65	32.60	36.40	34.90	37.93	35.10	35.84	55- 60	16.91	131.1
65.0	30.49	33.08	30.00	33.83	32.18	35.88	32.60	33.75	60- 65	16.68	147.8
70.0	26.90	29.94	27.10	31.01	29.46	33.45	30.00	30.64	65- 70	15.97	163.8
75.0	23.29	26.16	24.20	27.96	26.75	30.07	27.29	26.36	70- 75	14.87	178.7
80.0	19.69	22.46	21.40	24.96	24.03	26.63	24.40	22.12	75- 80	13.48	192.1
85.0	16.10	18.78	18.29	22.00	21.31	23.44	21.19	17.85	80- 85	11.87	204.0
90.0	12.50	15.09	5.700	19.10	18.60	20.20	6.400	13.60	85- 90	9.879	213.9
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	

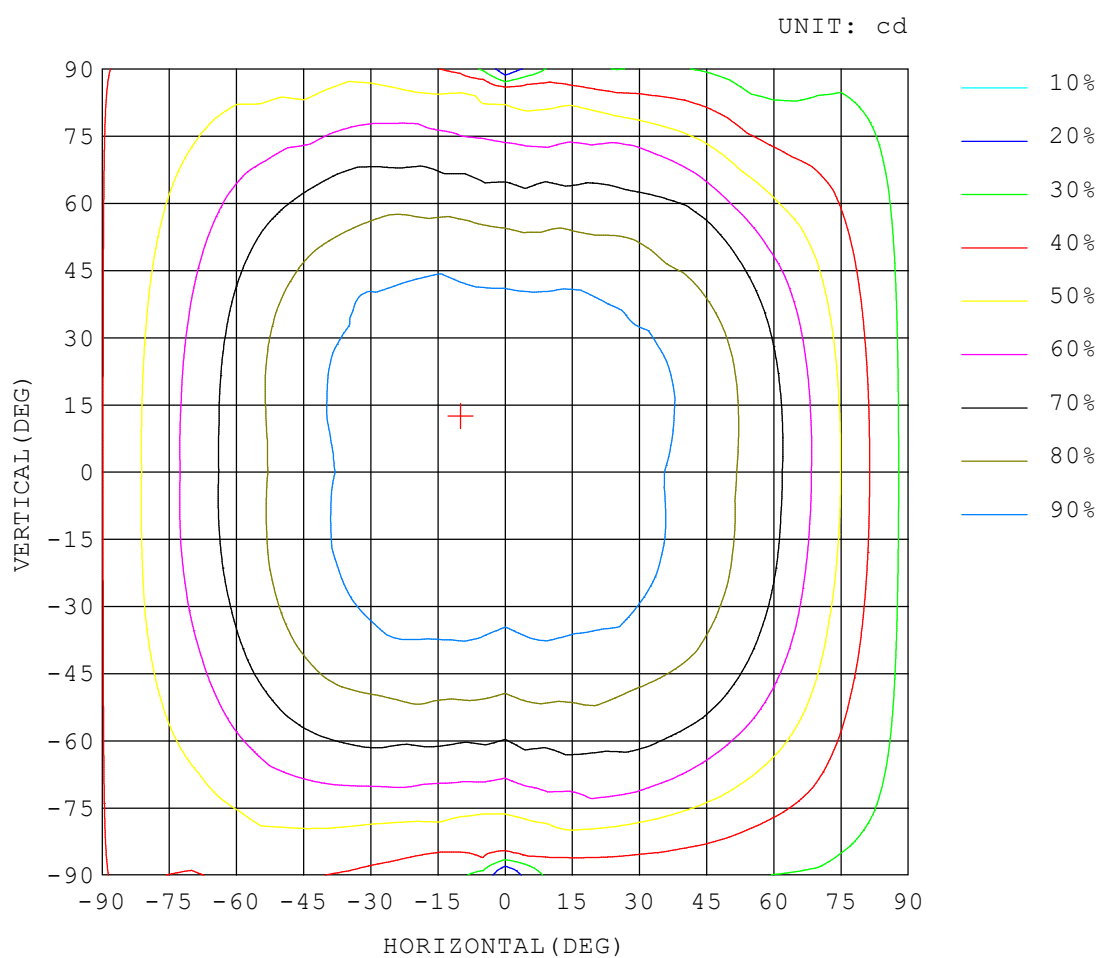
Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2021年06月07日

Test Set: 5.0deg/s A-Alpha (TYPE A)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 500430	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2021年06月07日

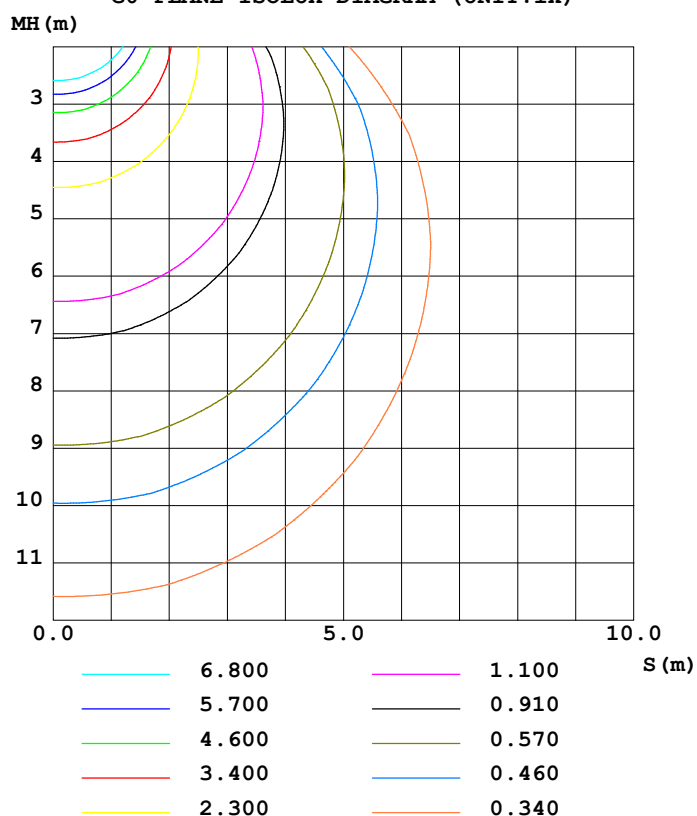
Test Set: 5.0deg/s A-Alpha (TYPE A)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOLUX DIAGRAM

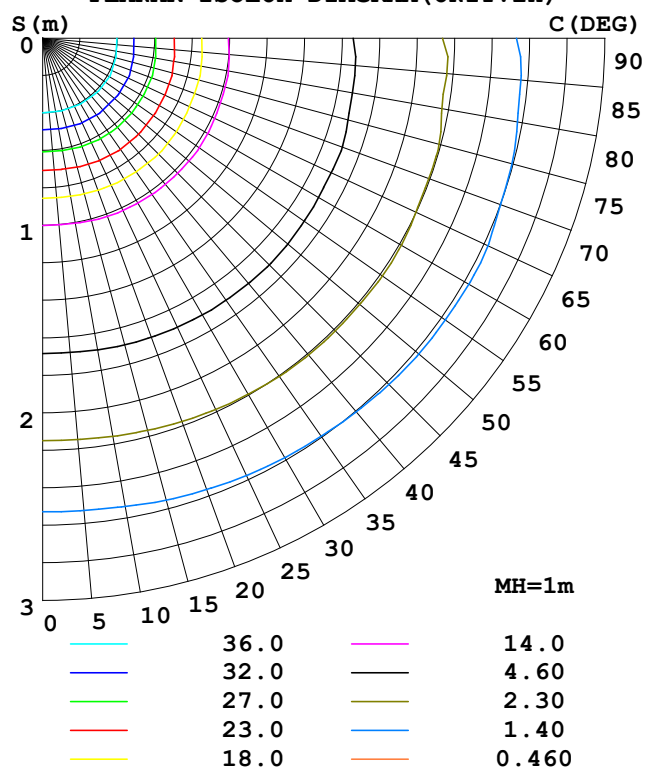
Report number:

MANUFACTURER:	Address:	
NAME: 500430	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:2021年06月07日

Test Set: 5.0deg/s A-Alpha (TYPE A)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 500430	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
0.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
5.0	45.7	45.7	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.7	45.7	45.7	45.7	45.7
10.0	46.0	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	45.9	45.9
15.0	45.5	45.5	45.5	45.6	45.7	45.8	45.9	45.9	46.0	46.1	46.1	46.1	46.0	45.9	45.9
20.0	45.2	45.1	45.2	45.2	45.3	45.4	45.5	45.6	45.6	45.7	45.8	45.8	45.9	45.8	45.6
25.0	44.3	44.2	44.4	44.5	44.7	44.8	45.0	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2
30.0	43.5	43.4	43.6	43.8	44.0	44.1	44.2	44.3	44.4	44.4	44.4	44.4	44.3	44.3	44.3
35.0	42.2	42.2	42.4	42.6	42.9	43.1	43.3	43.6	43.5	43.5	43.4	43.4	43.3	43.1	43.0
40.0	41.0	41.0	41.2	41.4	41.7	41.8	42.0	42.2	42.3	42.5	42.5	42.2	42.0	41.8	41.7
45.0	39.5	39.5	39.7	40.0	40.3	40.5	40.6	40.8	40.9	40.9	40.9	41.1	40.7	40.4	40.1
50.0	38.1	38.0	38.3	38.5	38.8	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.0	38.5
55.0	36.0	36.0	36.4	36.7	37.0	37.2	37.5	37.7	37.6	37.5	37.3	37.2	37.2	37.3	36.8
60.0	34.0	34.1	34.4	34.7	34.9	35.1	35.2	35.4	35.4	35.6	35.5	35.2	35.0	34.9	35.1
65.0	30.4	30.5	30.9	31.3	31.7	32.2	32.5	32.9	33.0	33.0	33.1	33.3	33.0	32.5	32.3
70.0	26.9	26.9	27.2	27.7	28.1	28.5	28.8	29.1	29.5	29.9	30.3	30.3	30.4	30.5	29.7
75.0	23.2	23.3	23.6	24.1	24.5	24.8	25.1	25.4	25.8	26.1	26.5	26.8	27.2	27.4	27.3
80.0	19.6	19.7	19.9	20.4	20.8	21.1	21.4	21.7	22.1	22.4	22.7	23.0	23.3	23.5	23.6
85.0	16.1	16.1	16.3	16.7	17.2	17.4	17.7	18.0	18.4	18.7	19.0	19.3	19.4	19.6	19.7
90.0	12.5	12.6	12.8	13.0	13.6	13.7	14.0	14.3	14.7	15.0	15.2	15.6	15.7	15.9	16.0

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2021年06月07日

Test Set: 5.0deg/s A-Alpha (TYPE A)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 500430	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
5.0	45.7	45.7	45.7	45.6	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
10.0	45.9	45.8	45.8	45.7	45.8	45.9	45.9	46.0	46.0	46.1	46.1	46.1	46.2	46.2	46.2
15.0	45.8	45.7	45.6	45.5	45.6	45.8	45.9	46.0	46.0	46.1	46.3	46.3	46.3	46.3	46.3
20.0	45.4	45.3	45.2	45.1	45.2	45.3	45.5	45.7	45.9	46.0	46.0	46.1	46.1	46.1	46.1
25.0	44.9	44.7	44.4	44.2	44.4	44.7	44.9	45.2	45.3	45.4	45.5	45.5	45.6	45.8	45.7
30.0	44.2	43.8	43.5	43.2	43.5	43.8	44.1	44.3	44.4	44.6	44.7	44.9	44.9	45.0	45.0
35.0	43.1	42.7	42.3	42.0	42.3	42.6	43.0	43.2	43.3	43.5	43.8	44.0	44.1	44.2	44.2
40.0	41.6	41.4	40.9	40.5	40.9	41.4	41.7	41.8	42.1	42.4	42.7	43.0	43.2	43.1	42.9
45.0	40.0	40.1	39.5	39.0	39.4	40.0	40.1	40.2	40.7	41.2	41.6	41.7	41.6	41.6	41.6
50.0	38.2	38.3	37.8	37.2	37.6	38.0	38.1	38.5	39.2	39.7	39.7	39.8	40.1	40.1	40.1
55.0	36.2	36.2	35.9	35.1	35.6	35.7	35.8	36.5	37.1	37.3	37.6	38.0	38.2	38.5	38.6
60.0	34.3	33.7	33.7	32.6	33.3	33.1	33.6	34.4	34.5	34.8	35.5	36.0	36.4	36.4	36.4
65.0	32.3	31.1	31.2	30.0	30.6	30.2	31.3	31.4	31.8	32.6	33.3	33.5	33.8	34.0	34.1
70.0	29.3	28.7	28.2	27.1	27.6	27.8	28.1	28.5	29.4	29.8	30.3	30.7	31.0	31.2	31.2
75.0	26.4	26.1	24.8	24.2	24.3	24.9	25.2	25.9	26.2	26.5	27.0	27.6	27.9	28.1	28.3
80.0	23.6	22.9	22.4	21.4	21.7	21.7	22.2	22.5	22.9	23.4	24.0	24.5	24.9	25.2	25.4
85.0	19.7	19.6	19.4	18.2	18.9	18.6	18.7	19.3	19.9	20.4	21.1	21.6	22.0	22.2	22.6
90.0	15.9	15.6	10.8	5.70	12.4	14.8	15.5	16.3	17.1	17.7	18.2	18.7	19.1	19.4	19.7

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2021年06月07日

Test Set: 5.0deg/s A-Alpha (TYPE A)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:		
NAME: 500430	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

UNIT: cd

C (DEG) γ (DEG)	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220
0.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
5.0	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	46.0	46.0	46.0
10.0	46.2	46.2	46.2	46.1	46.1	46.0	46.0	46.1	46.2	46.3	46.3	46.3	46.4	46.4	46.4
15.0	46.2	46.2	46.1	46.1	46.0	45.9	45.8	45.9	46.1	46.2	46.3	46.4	46.5	46.6	46.6
20.0	46.1	46.0	46.0	45.9	45.8	45.8	45.6	45.7	45.9	46.1	46.2	46.3	46.4	46.5	46.6
25.0	45.7	45.5	45.4	45.3	45.2	45.0	44.9	45.0	45.2	45.4	45.7	45.9	46.1	46.3	46.5
30.0	44.9	44.9	44.8	44.6	44.4	44.2	44.1	44.2	44.4	44.7	45.0	45.2	45.4	45.6	45.7
35.0	44.1	43.9	43.7	43.5	43.2	43.0	42.8	43.0	43.2	43.6	43.9	44.3	44.6	44.8	44.9
40.0	42.8	42.7	42.5	42.2	42.0	41.8	41.6	41.7	42.0	42.5	42.8	43.2	43.4	43.3	43.8
45.0	41.4	41.2	41.1	40.8	40.5	40.2	40.0	40.1	40.5	41.0	41.5	41.9	42.3	42.4	42.1
50.0	40.0	39.8	39.6	39.3	39.0	38.7	38.5	38.6	39.0	39.5	40.0	40.4	40.4	40.9	41.3
55.0	38.4	38.2	37.8	37.5	37.2	36.9	36.7	36.8	37.3	37.9	38.4	38.9	39.2	39.5	39.7
60.0	36.3	36.2	35.9	35.7	35.4	35.1	34.9	35.0	35.5	36.1	36.7	37.1	37.5	37.7	37.9
65.0	34.0	33.7	33.3	32.9	32.7	32.4	32.1	32.3	32.9	33.6	34.3	34.9	35.4	35.8	36.0
70.0	31.0	30.7	30.4	30.0	29.9	29.7	29.4	29.7	30.2	30.8	31.5	32.0	32.6	32.9	33.1
75.0	28.0	27.8	27.4	27.2	27.1	27.0	26.7	27.0	27.4	28.0	28.6	29.2	29.7	29.9	30.1
80.0	25.0	24.8	24.4	24.3	24.3	24.3	24.0	24.3	24.7	25.2	25.8	26.4	26.8	26.7	27.0
85.0	22.0	21.8	21.4	21.5	21.5	21.6	21.3	21.6	21.9	22.4	22.9	23.5	23.9	23.6	23.9
90.0	19.1	18.9	18.5	18.7	18.7	19.0	18.6	18.9	19.2	19.6	20.1	20.7	21.1	20.6	20.9

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2021年06月07日

Test Set: 5.0deg/s A-Alpha (TYPE A)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 500430	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
5.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.0	46.1	46.1	46.1	46.1	46.1
10.0	46.4	46.5	46.4	46.4	46.4	46.4	46.4	46.3	46.3	46.2	46.3	46.3	46.3	46.3	46.3
15.0	46.6	46.7	46.7	46.7	46.6	46.5	46.5	46.4	46.4	46.3	46.4	46.4	46.4	46.5	46.5
20.0	46.6	46.6	46.6	46.5	46.5	46.4	46.3	46.2	46.1	46.0	46.1	46.1	46.2	46.2	46.2
25.0	46.4	46.4	46.3	46.2	46.1	45.9	45.7	45.6	45.5	45.5	45.5	45.5	45.6	45.7	45.8
30.0	45.9	46.0	45.9	45.7	45.5	45.3	45.0	44.9	44.7	44.7	44.6	44.6	44.7	44.9	45.0
35.0	45.0	45.0	45.1	45.1	44.7	44.3	44.0	43.8	43.7	43.5	43.5	43.6	43.7	43.9	44.1
40.0	43.9	44.0	44.0	43.9	43.8	43.3	42.9	42.6	42.3	42.2	42.2	42.2	42.4	42.7	43.1
45.0	42.8	42.8	42.7	42.5	42.5	42.3	41.6	40.8	40.8	40.7	40.6	40.6	40.9	41.4	41.4
50.0	41.7	41.9	41.3	41.0	40.8	40.7	40.2	39.5	39.1	39.0	38.8	38.8	39.4	39.6	39.6
55.0	39.9	40.0	39.9	39.5	39.0	38.8	38.7	37.8	37.4	37.2	36.8	37.0	37.6	37.5	37.6
60.0	37.9	37.8	37.9	37.9	37.3	36.6	36.4	35.9	34.9	35.1	34.5	35.0	35.2	35.2	35.7
65.0	35.8	35.8	35.6	35.4	35.3	34.7	33.8	33.8	32.5	32.6	31.9	32.8	32.4	33.1	33.4
70.0	33.4	33.7	33.5	33.1	32.6	32.4	31.6	30.9	30.1	30.0	29.4	29.8	30.1	30.6	30.5
75.0	30.0	30.4	30.7	30.7	30.3	29.5	29.1	28.1	27.8	27.2	26.9	26.8	27.5	27.5	28.0
80.0	26.6	27.3	27.6	27.7	27.3	27.1	26.4	25.7	24.6	24.4	23.8	24.2	24.5	24.6	23.8
85.0	23.4	24.2	24.8	24.7	24.1	23.4	22.9	23.1	22.2	21.1	21.1	21.3	20.2	19.5	18.9
90.0	20.2	21.1	22.1	21.7	21.1	20.0	18.7	17.6	13.2	6.40	10.2	14.9	14.9	14.4	13.9

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2021年06月07日

Test Set: 5.0deg/s A-Alpha (TYPE A)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 500430	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
5.0	46.0	46.0	46.0	46.0	45.9	45.9	45.9	45.8	45.8	45.8	45.8	45.8
10.0	46.3	46.3	46.3	46.4	46.3	46.3	46.2	46.2	46.2	46.1	46.0	45.9
15.0	46.5	46.5	46.5	46.5	46.3	46.3	46.2	46.1	46.0	45.9	45.7	45.6
20.0	46.3	46.3	46.3	46.3	46.2	46.1	46.0	45.9	45.7	45.6	45.4	45.3
25.0	45.7	45.8	45.9	45.9	45.9	45.8	45.5	45.3	45.1	44.9	44.7	44.5
30.0	45.1	45.3	45.3	44.9	45.1	44.9	44.8	44.6	44.3	44.1	43.9	43.7
35.0	44.3	44.3	44.2	44.2	44.1	44.0	43.8	43.6	43.3	43.0	42.7	42.5
40.0	43.0	43.0	43.0	43.0	42.9	42.8	42.7	42.5	42.2	41.9	41.6	41.3
45.0	41.5	41.6	41.6	41.7	41.7	41.5	41.5	41.1	40.9	40.5	40.1	39.8
50.0	39.7	39.9	40.2	40.4	39.8	40.0	39.8	39.5	39.3	39.0	38.6	38.3
55.0	38.0	38.3	38.3	38.1	38.1	38.1	37.9	37.8	37.5	37.1	36.7	36.3
60.0	36.1	35.9	35.9	35.8	35.9	36.0	35.9	35.8	35.5	35.2	34.8	34.4
65.0	33.4	33.4	33.6	33.7	33.8	33.7	33.1	32.7	32.3	31.8	31.3	30.8
70.0	30.8	31.1	31.2	30.6	29.8	29.2	28.8	28.5	28.4	28.1	27.6	27.1
75.0	28.0	27.4	26.9	26.3	25.5	24.6	24.4	24.2	24.4	24.3	23.9	23.5
80.0	23.4	23.0	22.6	22.1	21.2	20.1	19.9	20.0	20.4	20.5	20.2	19.8
85.0	18.8	18.6	18.4	17.8	16.9	15.6	15.4	15.6	16.4	16.7	16.5	16.2
90.0	14.3	14.2	14.2	13.6	12.7	11.1	10.9	11.4	12.4	13.0	12.8	12.6

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2021年06月07日

Test Set: 5.0deg/s A-Alpha (TYPE A)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: