

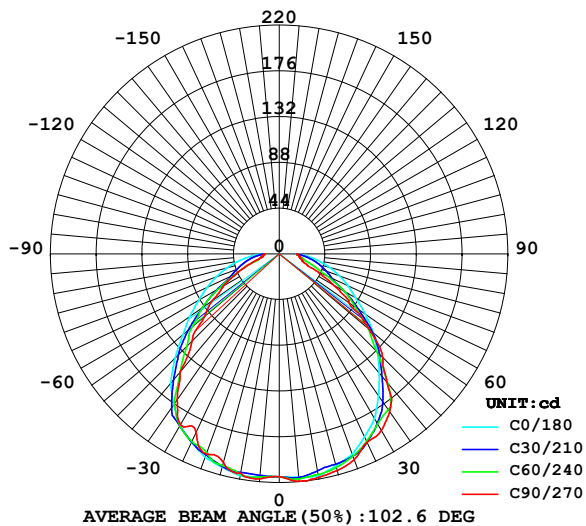
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

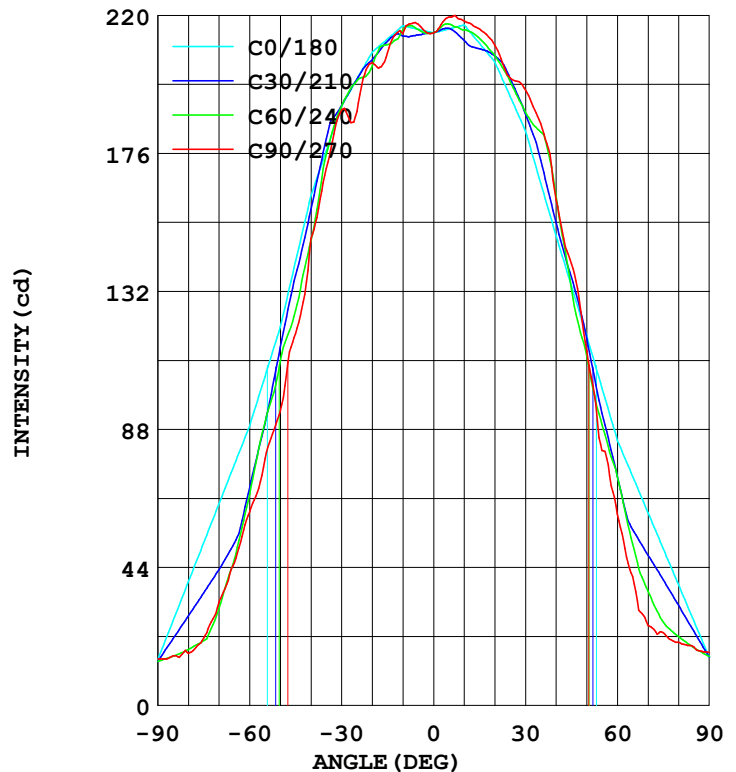
MANUFACTURER:	Address:	
NAME: 500480	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	220.4	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.28
NOMINAL POWER(W)	6	TOTAL FLUX(lm)	579.26	Voltage(V)	220.8
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	91.9	Current(A)	0.054
NOMINAL FLUX(lm)	579.3	η up(%)	0.0	Power(W)	6.300
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.521
TEST VOLTAGE(V)	220.8	Effective Flux(lm)	562.2	EEI	0.130

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1900
Temperature: 25.3 DEG
Operators:
Test Date: 2022年5月27日

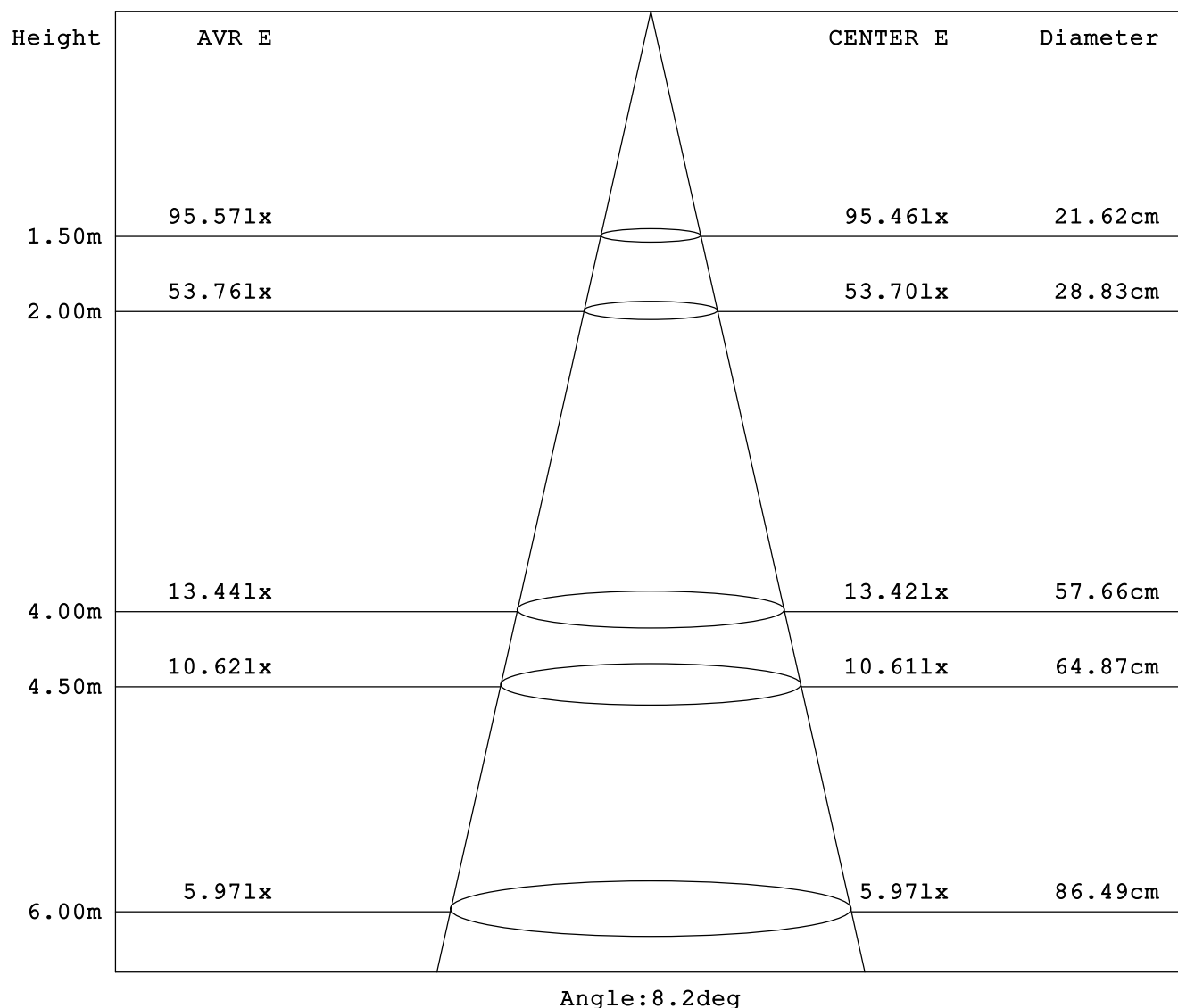
Test Set: 10.0 deg/s A-Alpha (TYPE A)
Humidity: 65.0%
Test Distance: 16.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: 500480	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022年5月27日

Test Set: 10.0deg/s A-Alpha (TYPE A)
 Humidity: 65.0%
 Test Distance: 16.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 500480	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	215.9	214.7	217.6	216.5	216.0	216.7	219.9	218.3	0- 5	5.167	5.167
10.0	217.0	216.5	214.5	216.7	217.3	213.6	218.6	217.2	5- 10	15.50	20.67
15.0	212.8	210.6	208.3	213.5	211.4	212.4	216.0	213.3	10- 15	25.38	46.05
20.0	208.6	205.9	205.3	203.0	205.5	207.5	210.9	204.1	15- 20	34.33	80.39
25.0	200.0	194.6	189.6	197.6	194.5	201.0	200.4	202.5	20- 25	42.38	122.7
30.0	191.4	185.9	190.2	187.0	183.5	189.4	196.6	194.9	25- 30	49.08	171.8
35.0	177.1	181.1	171.5	172.1	166.7	177.8	185.8	182.4	30- 35	53.91	225.7
40.0	162.8	159.7	148.9	151.6	150.0	158.0	161.5	158.9	35- 40	55.49	281.2
45.0	141.8	131.5	118.7	131.4	134.0	135.9	141.0	141.2	40- 45	53.22	334.5
50.0	120.8	106.6	93.95	110.0	118.0	115.6	113.1	119.7	45- 50	49.63	384.1
55.0	105.0	86.26	78.84	88.37	101.3	92.88	81.40	92.94	50- 55	44.23	428.3
60.0	89.34	66.36	61.95	71.36	84.73	73.48	61.18	71.63	55- 60	37.73	466.1
65.0	76.88	48.06	45.56	50.36	73.17	56.39	41.21	53.33	60- 65	30.86	496.9
70.0	64.42	34.40	33.02	35.44	61.61	43.66	25.60	40.00	65- 70	24.62	521.6
75.0	51.96	28.66	21.50	29.39	50.04	34.87	23.29	31.98	70- 75	19.60	541.2
80.0	39.50	22.95	16.63	24.25	38.48	28.21	20.22	25.75	75- 80	15.77	556.9
85.0	27.05	18.35	15.87	19.59	26.92	21.80	18.68	19.97	80- 85	12.65	569.6
90.0	14.59	14.08	14.84	15.10	15.36	15.61	16.89	14.33	85- 90	9.628	579.2
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:2022年5月27日

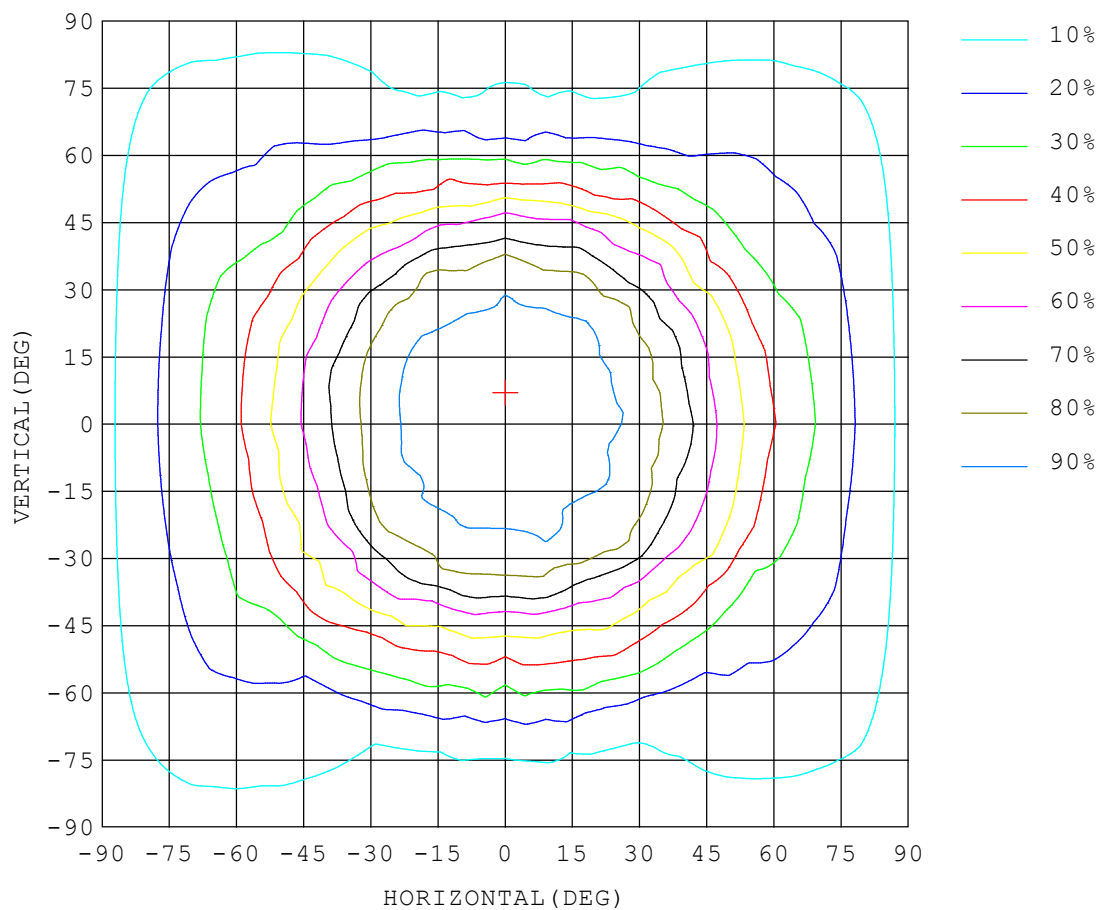
Test Set: 10.0deg/s A-Alpha (TYPE A)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 500480	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年5月27日

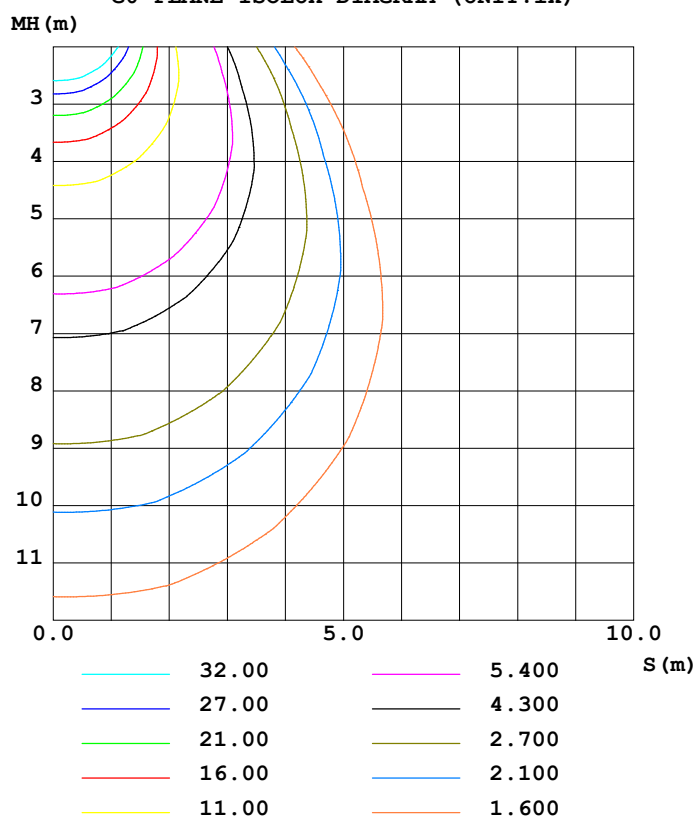
Test Set: 10.0deg/s A-Alpha (TYPE A)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

ISOLUX DIAGRAM

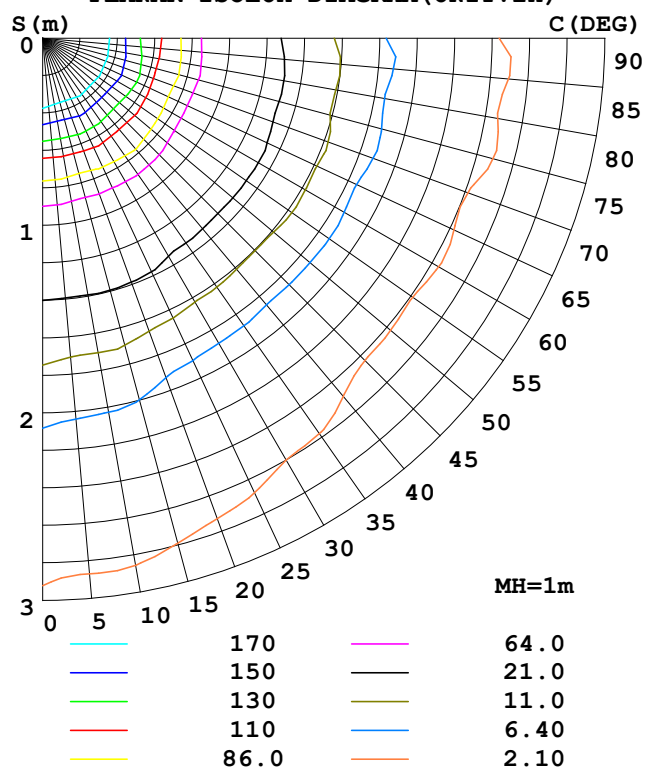
Report number:

MANUFACTURER:	Address:	
NAME: 500480	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5月27日

Test Set: 10.0deg/s A-Alpha (TYPE A)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 500480	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	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215
5.0	216	215	215	215	214	214	214	214	214	215	215	215	216	216	217
10.0	217	216	214	213	213	213	214	215	216	217	216	216	216	215	215
15.0	213	211	210	208	209	211	212	212	211	211	210	211	211	211	211
20.0	209	208	205	203	204	206	206	206	206	206	206	205	204	203	203
25.0	200	198	196	197	198	200	200	199	196	195	194	196	199	202	202
30.0	191	188	191	189	191	193	192	190	187	186	189	191	191	192	190
35.0	177	175	176	173	177	179	181	181	179	181	178	177	176	172	172
40.0	163	161	158	154	157	158	158	160	163	160	154	150	148	148	149
45.0	142	141	139	139	139	138	137	134	132	132	128	130	126	124	122
50.0	121	121	122	122	122	122	114	109	110	107	109	108	110	106	102
55.0	105	103	102	103	100	98.3	90.1	90.1	88.5	86.2	87.1	88.3	90.5	86.9	86.6
60.0	89.3	84.0	82.7	82.0	74.4	72.7	69.6	68.9	67.0	66.3	67.7	69.1	67.5	66.1	70.1
65.0	76.8	72.1	70.9	67.3	60.6	57.1	51.8	50.3	47.9	48.0	47.3	45.6	46.6	45.5	47.5
70.0	64.4	60.4	59.7	55.1	51.1	48.1	43.4	42.4	38.0	34.4	30.9	29.2	31.0	31.2	30.4
75.0	51.9	48.8	48.4	44.2	41.5	39.2	35.9	34.3	31.5	28.6	25.1	22.3	20.6	20.3	21.5
80.0	39.5	37.4	37.1	33.9	32.0	30.6	28.6	27.0	25.3	22.9	20.0	19.2	17.8	16.5	16.2
85.0	27.0	25.9	25.8	24.0	22.9	22.2	21.3	20.4	19.4	18.3	16.9	16.5	15.7	15.2	15.1
90.0	14.5	14.5	14.5	14.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年5月27日

Test Set: 10.0deg/s A-Alpha (TYPE A)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 500480	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	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215
5.0	217	217	217	218	218	217	217	217	217	217	217	217	217	216	216
10.0	215	214	214	215	215	215	215	216	216	216	216	217	217	217	217
15.0	210	210	209	208	208	208	209	209	210	212	213	214	214	213	212
20.0	204	204	205	205	204	203	203	202	202	203	203	203	203	203	203
25.0	199	196	193	190	191	193	195	197	197	196	196	197	198	198	196
30.0	188	187	188	190	190	191	193	192	187	186	185	184	187	188	188
35.0	176	175	173	172	172	172	174	174	176	173	168	169	172	176	176
40.0	152	151	148	149	148	150	150	146	146	152	154	154	152	152	152
45.0	123	126	121	119	121	124	120	117	121	124	131	131	131	133	124
50.0	100	102	98.3	93.9	99.1	103	98.4	98.6	104	107	103	107	110	111	115
55.0	84.2	84.7	84.4	78.8	84.6	84.1	80.4	81.2	81.4	82.9	80.9	84.0	88.3	93.6	98.1
60.0	66.2	65.5	68.1	61.9	68.4	64.4	63.5	67.1	65.1	65.5	66.4	67.8	71.3	71.5	75.3
65.0	51.4	45.6	51.5	45.5	50.7	46.3	50.5	48.7	47.5	49.3	49.7	50.2	50.3	49.7	54.8
70.0	33.3	34.1	35.3	33.0	34.8	32.5	31.7	30.1	31.7	32.9	32.7	32.6	35.4	39.1	44.5
75.0	21.2	23.6	22.8	21.5	21.4	22.6	20.7	20.6	20.1	20.8	23.9	26.8	29.3	32.8	35.6
80.0	17.2	17.2	18.4	16.6	18.0	17.0	17.0	16.2	16.9	18.2	20.3	22.3	24.2	26.7	28.3
85.0	15.1	15.2	16.1	15.8	15.9	15.3	15.3	15.5	15.8	16.4	17.3	18.5	19.5	20.9	21.6
90.0	14.0	14.0	13.8	14.8	14.8	14.8	14.8	14.8	15.1	15.1	15.1	15.1	15.1	15.3	15.1

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年5月27日

Test Set: 10.0deg/s A-Alpha (TYPE A)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:		
NAME: 500480	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	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215
5.0	216	216	216	216	216	216	216	216	216	216	216	216	216	216	217
10.0	217	217	217	217	217	217	217	217	216	215	213	213	212	212	213
15.0	212	212	212	212	212	211	211	211	210	210	209	209	210	211	212
20.0	203	205	206	206	206	206	206	206	206	207	207	207	207	208	208
25.0	194	194	196	196	195	194	195	195	196	197	198	199	200	201	202
30.0	187	186	186	186	184	183	184	185	185	186	187	189	189	189	189
35.0	174	172	168	168	166	166	167	168	170	171	173	174	174	175	177
40.0	152	151	147	146	146	148	150	151	155	156	154	154	154	158	161
45.0	128	131	129	128	131	131	134	135	136	137	134	135	137	138	137
50.0	110	116	110	113	115	113	118	117	117	119	116	117	117	115	116
55.0	95.5	99.5	95.0	95.7	97.6	96.5	101	101	101	103	99.5	98.9	93.4	94.8	94.7
60.0	76.3	79.2	82.1	78.4	80.4	80.6	84.7	85.2	86.2	86.4	80.5	78.7	73.2	75.0	72.6
65.0	58.3	63.7	70.2	68.2	68.7	69.9	73.1	73.5	75.0	73.5	66.9	62.8	56.2	57.2	57.1
70.0	48.9	53.0	58.5	58.2	57.9	59.2	61.6	61.9	63.2	61.6	56.7	52.3	48.0	49.5	46.9
75.0	39.8	42.9	47.2	47.6	47.2	48.3	50.0	50.3	51.3	49.7	46.4	42.4	40.1	40.4	38.5
80.0	31.4	33.4	36.2	36.8	36.6	37.4	38.4	38.6	39.4	38.0	36.1	33.0	31.9	31.6	30.3
85.0	23.2	24.1	25.7	26.0	25.9	26.4	26.9	27.0	27.4	26.6	25.8	24.1	23.6	23.4	22.6
90.0	15.1	15.1	15.3	15.1	15.3	15.3	15.3	15.3	15.3	15.3	15.6	15.6	15.3	15.3	15.3

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年5月27日

Test Set: 10.0deg/s A-Alpha (TYPE A)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:		
NAME: 500480	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	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215
5.0	217	217	217	218	218	218	219	219	220	220	220	220	219	219	219
10.0	214	214	215	216	216	217	217	218	218	219	218	218	218	218	217
15.0	212	213	213	213	213	214	214	215	215	216	215	213	212	211	211
20.0	208	207	207	208	208	208	208	209	210	211	209	208	207	205	204
25.0	201	200	200	199	200	200	199	199	200	200	200	200	201	201	202
30.0	189	190	189	190	190	190	191	192	194	197	195	194	194	193	192
35.0	178	176	178	183	182	179	177	179	182	186	182	179	177	179	182
40.0	158	157	160	163	163	160	158	157	159	162	158	157	158	163	165
45.0	136	135	133	133	137	138	134	135	137	141	138	137	138	142	139
50.0	116	115	112	112	110	111	108	105	108	113	111	112	112	114	112
55.0	92.8	95.1	90.4	89.7	85.2	84.8	91.2	81.8	79.0	81.4	79.3	80.7	87.1	84.9	84.0
60.0	73.4	70.7	71.5	73.1	68.7	67.6	66.0	64.3	61.7	61.1	57.4	63.5	63.9	65.8	63.4
65.0	56.3	54.0	52.4	51.6	50.9	49.6	46.7	47.2	36.5	41.2	39.2	46.5	42.9	44.6	47.2
70.0	43.6	40.4	38.5	36.5	33.4	34.4	32.2	27.2	24.0	25.6	26.3	30.4	30.8	30.9	30.5
75.0	34.8	32.8	29.6	26.6	23.7	20.6	21.7	20.3	21.7	23.2	22.3	20.6	21.8	20.0	21.3
80.0	28.2	26.6	24.2	21.9	18.0	17.5	16.9	17.4	17.5	20.2	18.0	18.0	17.4	17.9	18.2
85.0	21.8	21.0	19.7	18.4	16.7	16.2	16.3	16.3	16.2	18.6	16.6	16.3	16.0	16.0	16.2
90.0	15.6	15.6	15.6	15.6	15.6	15.3	15.3	15.3	15.3	16.8	14.0	14.3	14.3	14.3	14.5

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年5月27日

Test Set: 10.0deg/s A-Alpha (TYPE A)
Humidity:65.0%
Test Distance:16.000 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 500480	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	215	215	215	215	215	215	215	215	215	215	215	215
5.0	219	219	219	218	218	218	217	217	217	217	216	216
10.0	217	217	217	217	216	216	217	217	217	217	218	218
15.0	211	212	213	213	214	213	212	211	210	212	212	213
20.0	204	204	204	204	205	207	208	207	205	202	206	208
25.0	201	201	202	203	202	200	200	200	199	199	199	200
30.0	192	194	197	195	192	191	191	192	190	191	193	193
35.0	186	180	178	182	182	178	178	180	177	174	177	177
40.0	163	161	158	159	164	161	158	161	162	158	159	159
45.0	139	135	137	141	140	139	137	142	142	141	138	140
50.0	116	116	116	120	123	116	114	120	121	122	119	120
55.0	83.9	91.1	92.5	92.9	93.3	98.1	90.7	98.6	100	102	103	103
60.0	69.3	67.2	68.7	71.6	71.8	76.2	74.2	76.0	77.6	79.7	86.2	86.7
65.0	48.6	49.2	50.5	53.3	54.8	57.4	59.5	60.8	63.6	66.0	73.3	74.6
70.0	33.7	35.0	36.9	40.0	43.8	47.8	50.4	50.9	53.7	54.9	61.4	62.5
75.0	23.0	27.4	30.1	31.9	35.4	38.7	41.1	41.5	43.8	44.6	49.6	50.5
80.0	19.3	22.4	24.0	25.7	27.9	30.1	31.9	32.3	33.9	34.5	37.9	38.5
85.0	16.5	18.1	18.9	19.9	21.0	21.9	23.0	23.2	24.1	24.6	26.2	26.5
90.0	14.3	14.3	14.3	14.3	14.3	14.0	14.3	14.3	14.3	14.8	14.5	14.5

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2022年5月27日

Test Set: 10.0deg/s A-Alpha (TYPE A)
Humidity:65.0%
Test Distance:16.000 m
Remarks: