

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

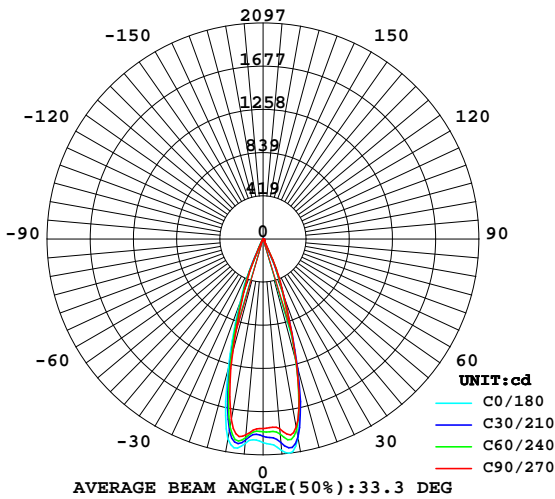
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

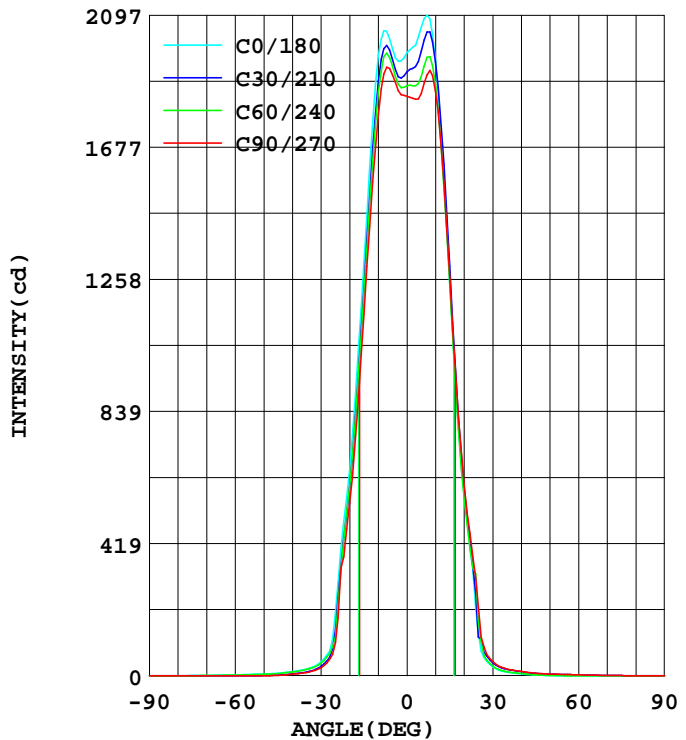
MANUFACTURER: 佛山一百分光电科技有限公司	Address:	
NAME: TSL-10W	TYPE: COB餐吊灯	WEIGHT:
SPECIFICATION: 10W4000K	DIMENSION: 400mm	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax(cd)	2097	S/MH(C0/180)	0.53
NOMINAL POWER(W)	10	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	222	TOTAL FLUX(lm)	595.20	Voltage(V)	222.1
NOMINAL FLUX(lm)	595.2	EFFICIENCY(lm/W)	58.0	Current(A)	0.088
LAMPS QUANTITY	1	η up(%)	1.0	Power(W)	10.27
TEST VOLTAGE(V)	222.2	η down(%)	99.0	Power Factor(PF)	0.519

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020年06月21日

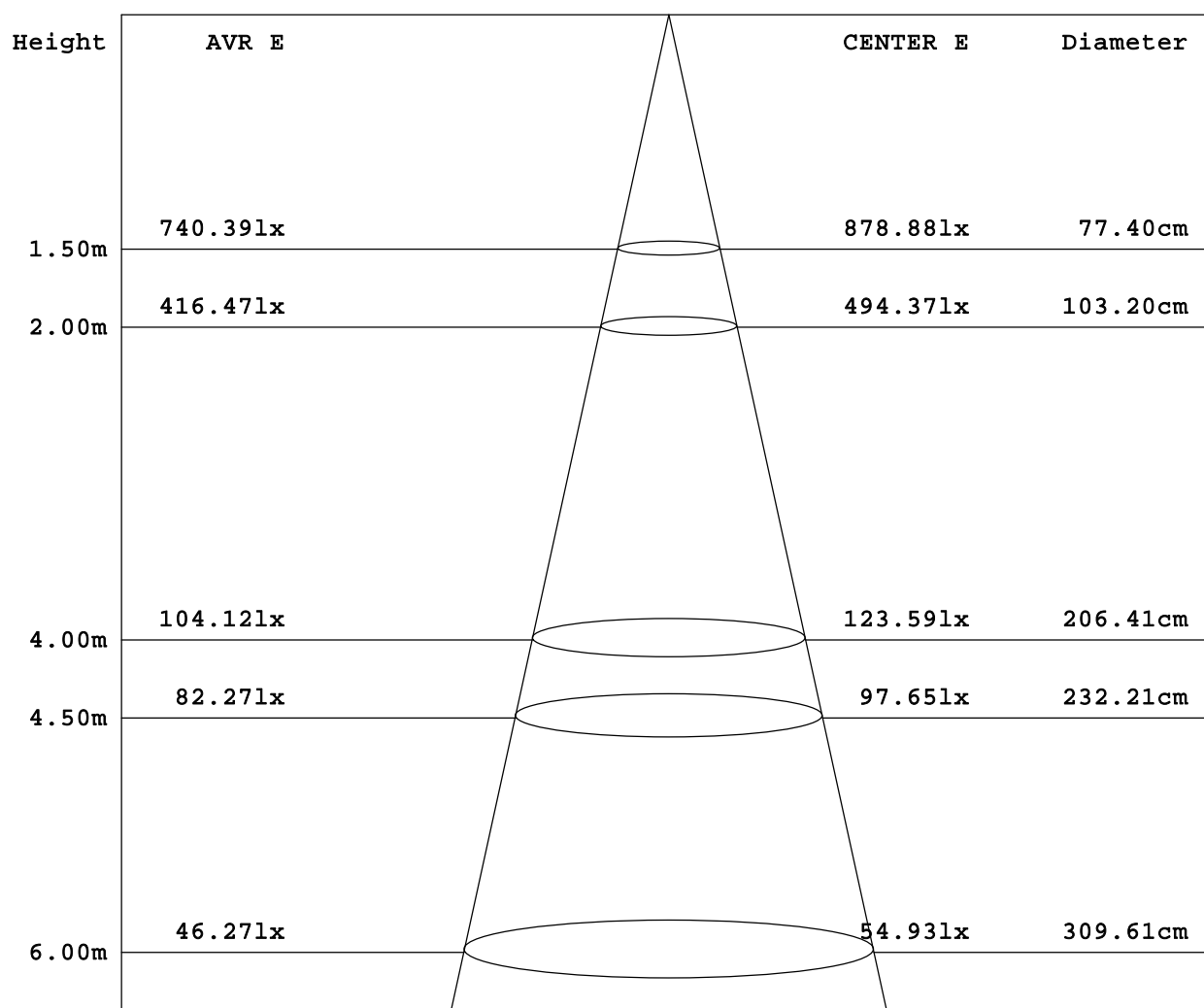
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks: 反光杯款砂黑

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE E Figure

Report number:

MANUFACTURER: 佛山一百分光电科技有限公司	Address:	
NAME: TSL-10W	TYPE: COB餐吊灯	WEIGHT:
SPECIFICATION: 10W4000K	DIMENSION: 400mm	SERIAL No.:



Angle: 28.9deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020年06月21日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks: 反光杯款砂黑

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: 佛山一百分光电科技有限公司	Address:	
NAME: TSL-10W	TYPE: COB餐吊灯	WEIGHT:
SPECIFICATION: 10W4000K	DIMENSION: 400mm	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	1990	1946	1907	1889	2059	1942	1848	1802	0- 5	45.19	45.19
10.0	1970	1871	1781	1762	1959	1916	1856	1810	5- 10	137.3	182.5
15.0	1312	1223	1148	1126	1245	1269	1266	1227	10- 15	176.0	358.5
20.0	651.2	598.4	545.7	527.8	571.9	579.1	605.4	601.5	15- 20	131.5	490.0
25.0	200.7	134.2	104.8	104.8	138.5	149.9	220.9	213.1	20- 25	69.13	559.2
30.0	44.22	34.72	25.21	29.08	27.64	35.64	44.86	37.88	25- 30	14.70	573.9
35.0	21.05	15.48	9.920	12.51	10.62	16.16	21.11	16.25	30- 35	6.119	580.0
40.0	12.67	8.415	4.224	7.199	5.504	9.408	13.24	9.184	35- 40	3.665	583.7
45.0	7.360	4.064	0.896	3.392	1.920	4.736	7.808	4.639	40- 45	2.163	585.8
50.0	4.927	2.112	0	1.888	0.320	2.720	5.056	2.528	45- 50	1.202	587.0
55.0	3.584	1.440	0	1.344	0	1.760	3.712	1.664	50- 55	0.831	587.9
60.0	2.240	0.800	0	0.704	0	1.120	2.432	1.056	55- 60	0.584	588.5
65.0	1.344	0.416	0	0.320	0	0.640	1.344	0.576	60- 65	0.349	588.8
70.0	0.704	0.128	0	0.064	0	0.320	0.640	0.256	65- 70	0.180	589.0
75.0	0.128	0	0	0	0	0.032	0.128	0	70- 75	0.054	589.0
80.0	0	0	0	0	0	0	0	0	75- 80	0.001	589.0
85.0	0	0	0	0	0	0	0	0	80- 85	0	589.0
90.0	0	0	0	0	0	0	0	0	85- 90	0	589.0
95.0	0	0	0	0	0	0	0	0	90- 95	0	589.0
100.0	0	0	0	0	0	0	0	0	95-100	0	589.0
105.0	0	0	0	0	0	0	0	0	100-105	0	589.0
110.0	0	0	0	0	0	0	0	0	105-110	0	589.0
115.0	0	0	0	0	0	0	0	0	110-115	0	589.0
120.0	0.192	0	0	0	0	0.128	0.064	0	115-120	0.005	589.0
125.0	0.960	0.448	0	0.352	0.576	0.512	0.768	0.352	120-125	0.130	589.2
130.0	1.792	1.280	0.832	1.088	1.408	1.280	1.408	1.024	125-130	0.400	589.6
135.0	2.559	2.048	1.599	1.824	2.112	1.920	2.048	1.632	130-135	0.669	590.2
140.0	3.072	2.592	2.112	2.336	2.816	2.496	2.624	2.208	135-140	0.844	591.1
145.0	3.392	2.912	2.368	2.624	3.200	2.880	2.944	2.592	140-145	0.902	592.0
150.0	3.392	3.040	2.432	2.784	3.328	3.136	3.007	2.816	145-150	0.863	592.8
155.0	3.392	3.104	2.496	2.752	3.328	3.168	3.007	2.880	150-155	0.761	593.6
160.0	3.328	2.944	2.432	2.624	3.264	3.008	2.944	2.720	155-160	0.619	594.2
165.0	3.136	2.656	2.304	2.304	3.136	2.688	2.752	2.464	160-165	0.454	594.7
170.0	2.752	2.240	1.984	1.920	2.752	2.240	2.368	2.048	165-170	0.286	595.0
175.0	2.432	1.856	1.664	1.568	2.496	1.824	2.048	1.632	170-175	0.144	595.1
180.0	2.304	1.792	1.728	1.536	2.559	1.760	1.920	1.536	175-180	0.043	595.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年06月21日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks反光杯款砂黑

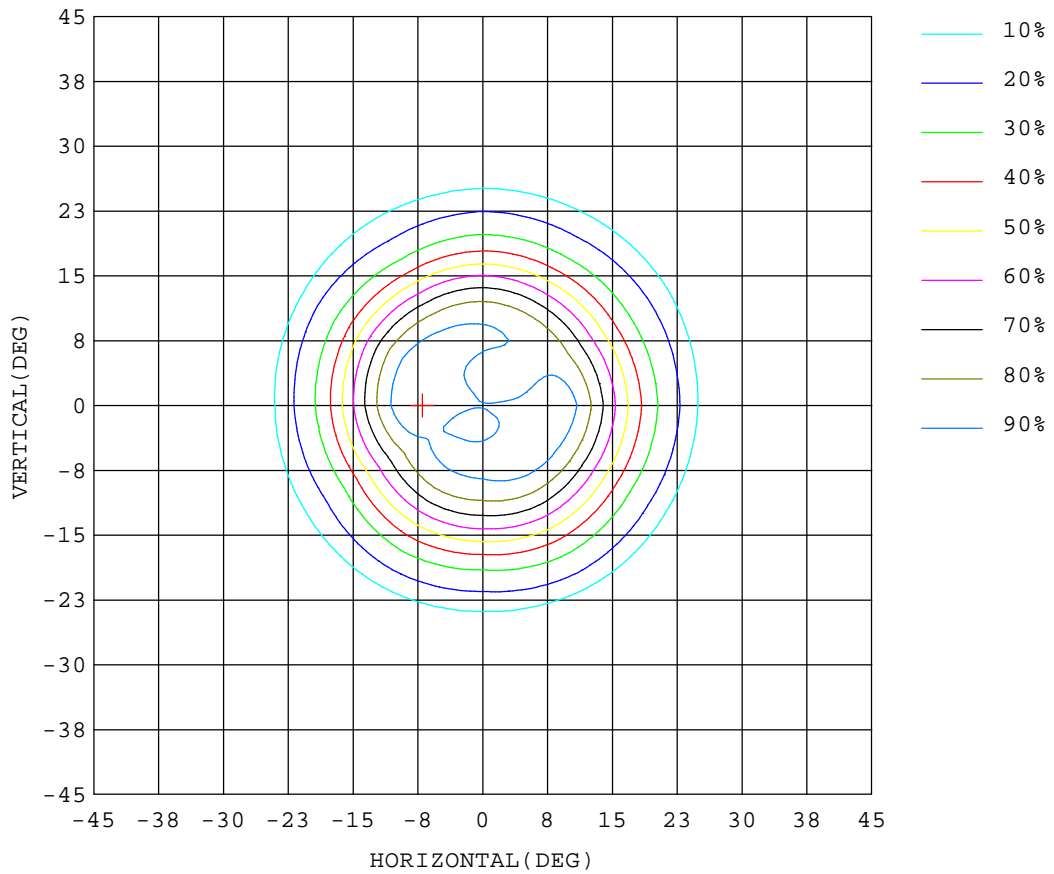
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: 佛山一百分光电科技有限公司	Address:	
NAME: TSL-10W	TYPE: COB餐吊灯	WEIGHT:
SPECIFICATION: 10W4000K	DIMENSION: 400mm	SERIAL No.:

UNIT: cd



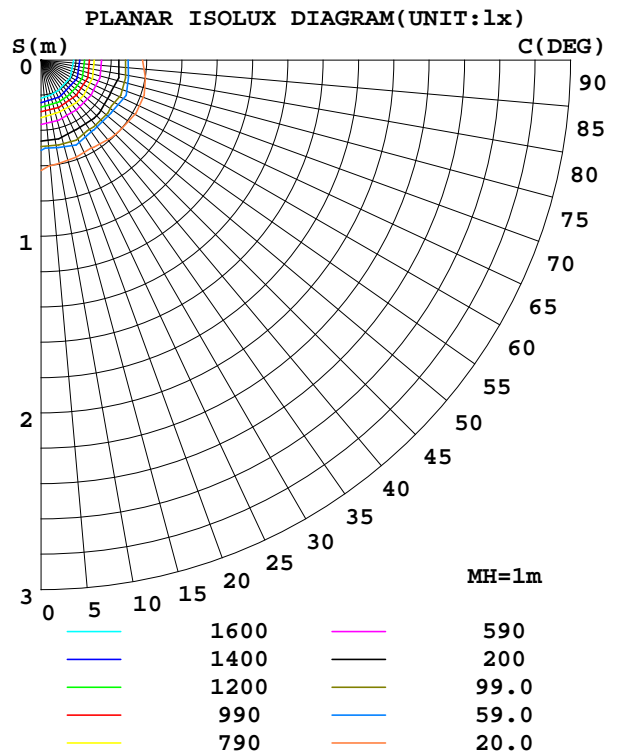
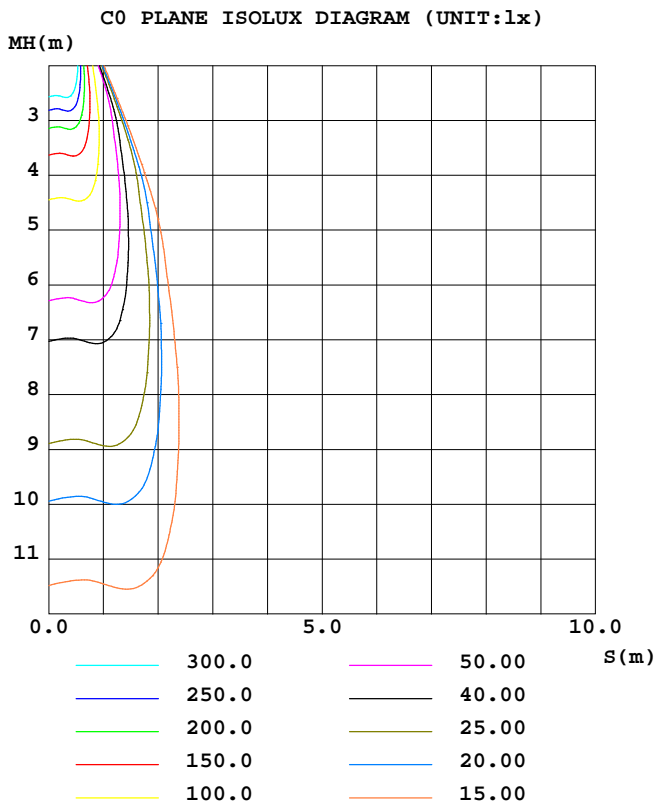
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020年06月21日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
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 Remarks: 反光杯款砂黑

ISOLUX DIAGRAM

Report number:

MANUFACTURER: 佛山一百分光电科技有限公司	Address:	
NAME: TSL-10W	TYPE: COB餐吊灯	WEIGHT:
SPECIFICATION: 10W4000K	DIMENSION: 400mm	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年06月21日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks反光杯款砂黑

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: 佛山一百分光电科技有限公司	Address:	
NAME: TSL-10W	TYPE: COB餐吊灯	WEIGHT:
SPECIFICATION: 10W4000K	DIMENSION: 400mm	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1977	1916	1873	1839	1814	1797	1977	1916	1873	1839	1814	1797
5.0	1990	1956	1936	1907	1902	1876	2059	1982	1902	1848	1814	1790
10.0	1970	1887	1854	1781	1783	1741	1959	1950	1881	1856	1819	1801
15.0	1312	1229	1218	1148	1155	1096	1245	1300	1238	1266	1225	1229
20.0	651	599	598	546	553	503	572	595	563	605	593	610
25.0	201	146	122	105	114	96.2	139	122	177	221	207	219
30.0	44.2	29.4	40.0	25.2	35.2	22.9	27.6	41.2	30.0	44.8	31.8	43.9
35.0	21.0	11.5	19.4	9.92	16.5	8.44	10.6	19.7	12.6	21.1	12.4	20.0
40.0	12.6	5.37	11.4	4.22	10.3	4.09	5.50	12.4	6.40	13.2	6.27	12.0
45.0	7.36	1.59	6.52	0.90	5.82	0.96	1.92	7.23	2.24	7.80	2.24	7.03
50.0	4.92	0.06	4.16	0.00	3.77	0.00	0.32	4.80	0.64	5.05	0.45	4.60
55.0	3.58	0.00	2.88	0.00	2.68	0.00	0.00	3.52	0.00	3.71	0.00	3.32
60.0	2.24	0.00	1.59	0.00	1.40	0.00	0.00	2.24	0.00	2.43	0.00	2.11
65.0	1.34	0.00	0.83	0.00	0.64	0.00	0.00	1.28	0.00	1.34	0.00	1.15
70.0	0.70	0.00	0.26	0.00	0.13	0.00	0.00	0.64	0.00	0.64	0.00	0.51
75.0	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.13	0.00	0.00
80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.06	0.00	0.00
125.0	0.96	0.13	0.77	0.00	0.70	0.00	0.58	0.96	0.06	0.77	0.00	0.70
130.0	1.79	0.96	1.59	0.83	1.47	0.70	1.40	1.66	0.90	1.40	0.70	1.34
135.0	2.55	1.79	2.30	1.59	2.17	1.47	2.11	2.30	1.53	2.04	1.34	1.92
140.0	3.07	2.36	2.81	2.11	2.68	1.98	2.81	2.88	2.11	2.62	1.92	2.49
145.0	3.39	2.68	3.13	2.36	2.94	2.30	3.20	3.20	2.55	2.94	2.36	2.81
150.0	3.39	2.88	3.20	2.43	3.07	2.49	3.32	3.45	2.81	3.00	2.55	3.07
155.0	3.39	2.94	3.26	2.49	3.07	2.43	3.32	3.45	2.88	3.00	2.62	3.13
160.0	3.32	2.81	3.07	2.43	2.88	2.36	3.26	3.26	2.75	2.94	2.49	2.94
165.0	3.13	2.55	2.75	2.30	2.55	2.04	3.13	2.94	2.43	2.75	2.24	2.68
170.0	2.75	2.17	2.30	1.98	2.17	1.66	2.75	2.49	1.98	2.36	1.85	2.24
175.0	2.43	1.79	1.92	1.66	1.79	1.34	2.49	2.04	1.59	2.04	1.47	1.79
180.0	2.30	1.79	1.79	1.72	1.72	1.34	2.55	1.92	1.59	1.92	1.47	1.59

Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020年06月21日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks: 反光杯款砂黑