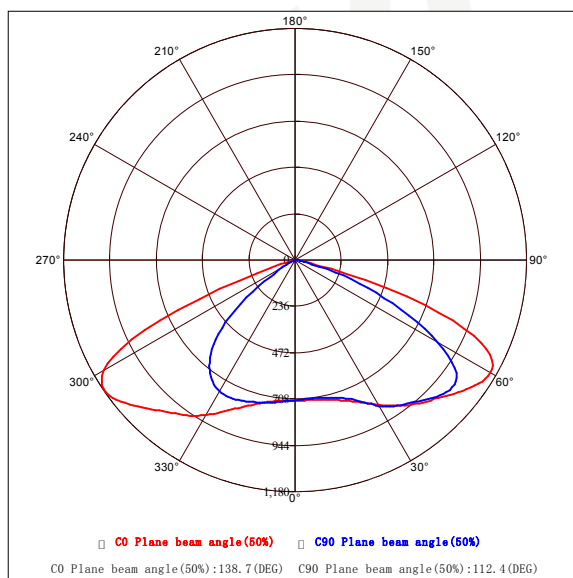


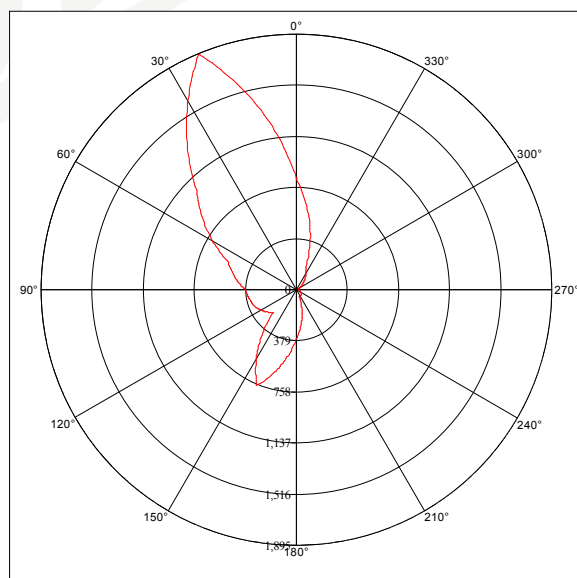
Goniophotometer Test Report

Measured Para U: 228.4V I: 116.0mA P: 25.13W PF: 0.942 Test LM: 3411.63lm						
Lamp Name:			Lamp Type:		Weight (kg) :	
Lamp ID:			Lamp Spec:		Shape Size:	
Manufactory:			Sur(m [^] 2) :		Protect Angle(Deg) :	
Light Source Data			Photometric Data			
Model			Peak Value(cd)	1892. 2	Efficiency(lm/w)	135. 8
Nominal P(w)		0. 0	Position	22. 5, 69. 0	UP(C0-C180)	0. 0
Rated Volt(v)		0. 0	Total Flux(lm)	3411. 632	Down(C0-C180)	65. 4
Rated Flux(lm)		0. 0	Up Flux Rate(%)	0. 0	UP(C180-C360)	0. 0
Illuminant QTY		0	Dw Flux Rate(%)	100. 0	Down(C180-C360)	34. 6

Planar Intensity Distribution Curve



Peak Point Conical surface Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 25

Tester:

Distance(m): 11.6

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

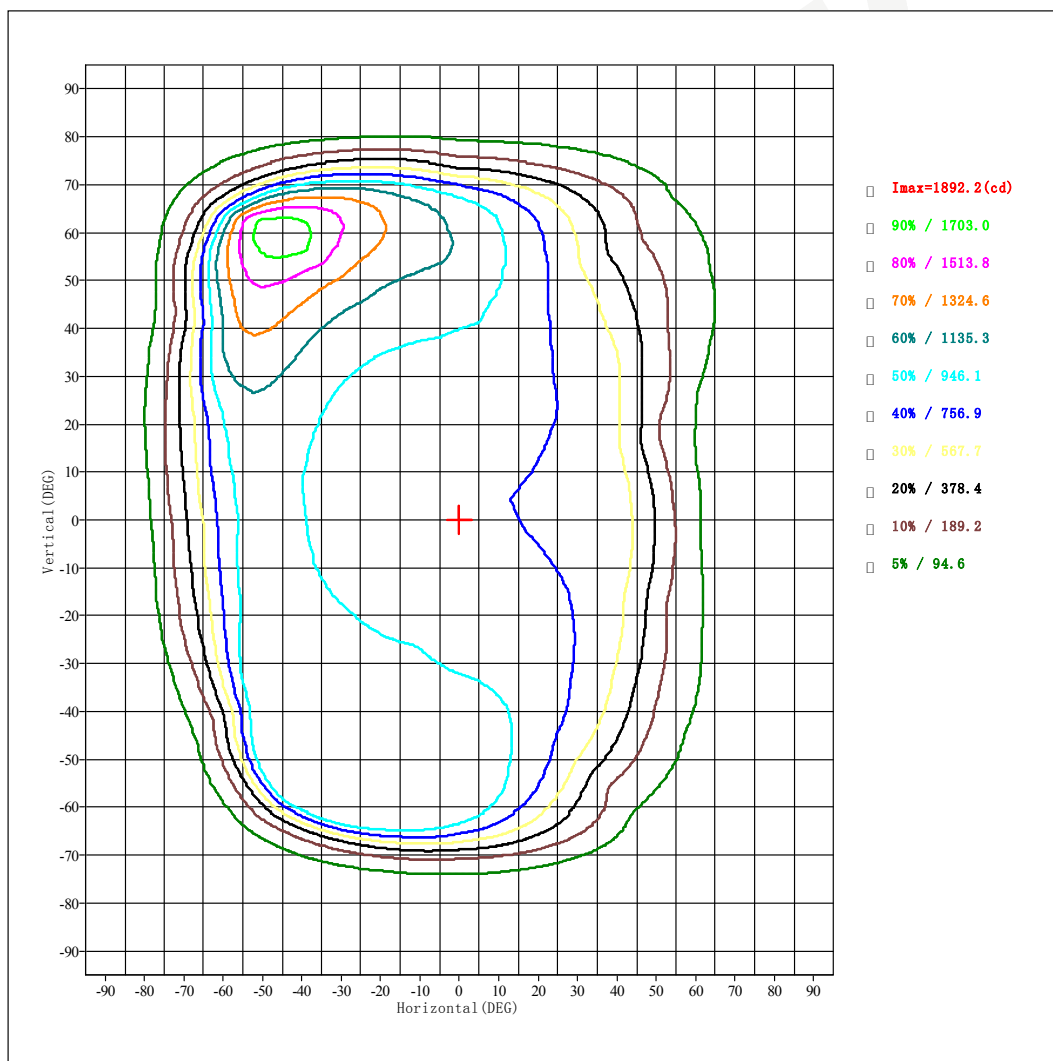
Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 228.4V I: 116.0mA P: 25.13W PF: 0.942 Test LM: 3411.63lm		
Lamp Name:	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m ²):	Protect Angle(Deg):

Planar IsoCandela Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 25

Tester:

Distance(m): 11.6

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

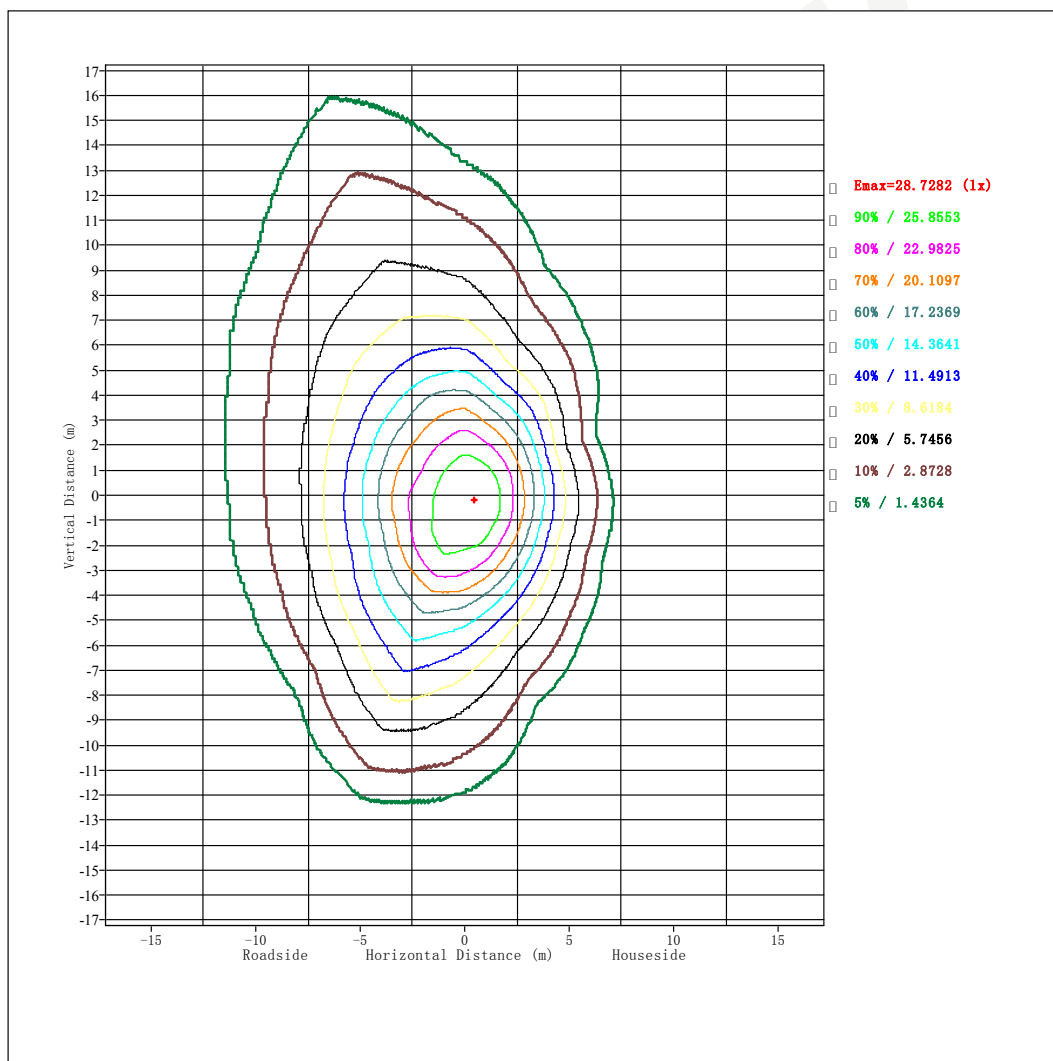
Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 228.4V I: 116.0mA P: 25.13W PF: 0.942 Test LM: 3411.63lm		
Lamp Name:	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m ²):	Protect Angle(Deg):

Planar Isolux curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 25

Tester:

Distance(m): 11.6

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

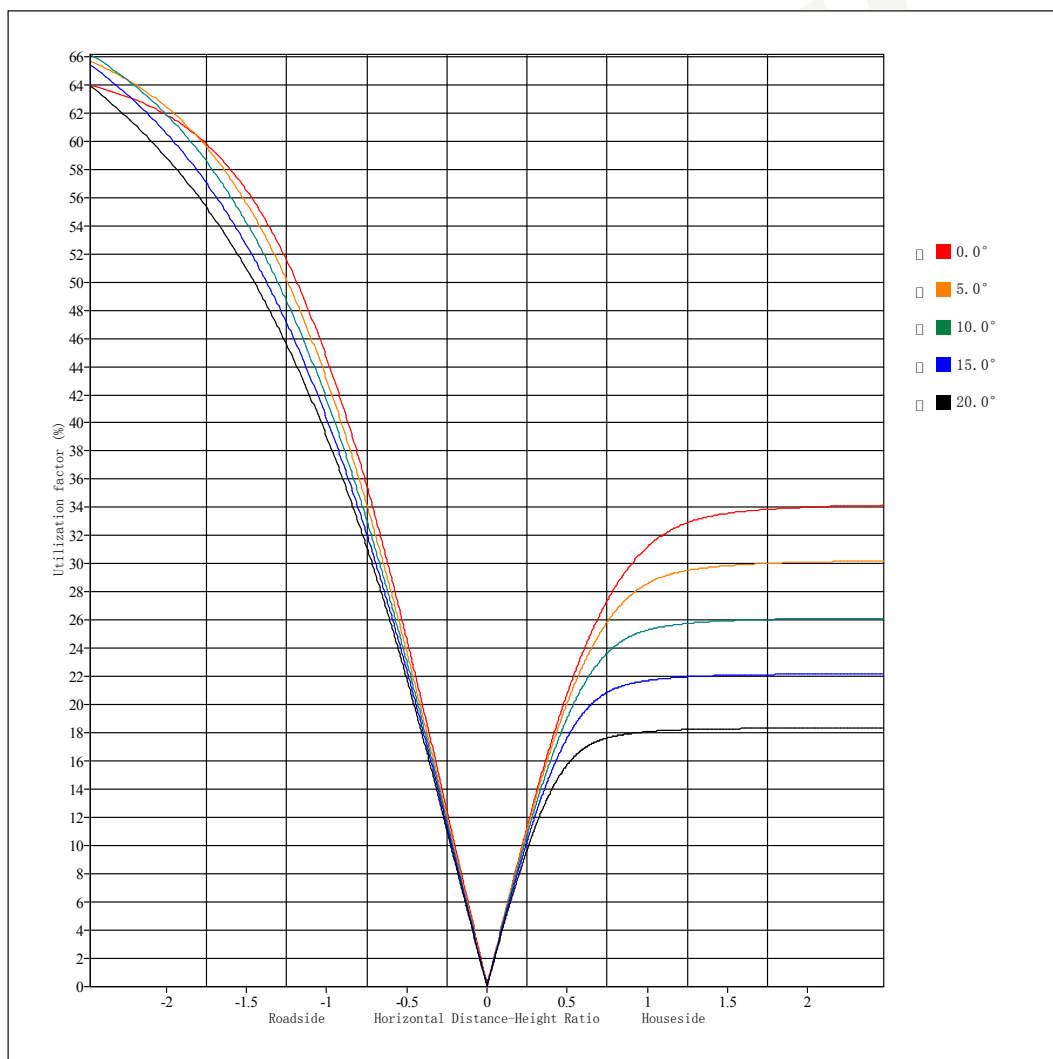
Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 228.4V I: 116.0mA P: 25.13W PF: 0.942 Test LM: 3411.63lm		
Lamp Name:	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m ²):	Protect Angle(Deg):

Utilization Coefficient



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 25

Tester:

Distance(m): 11.6

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

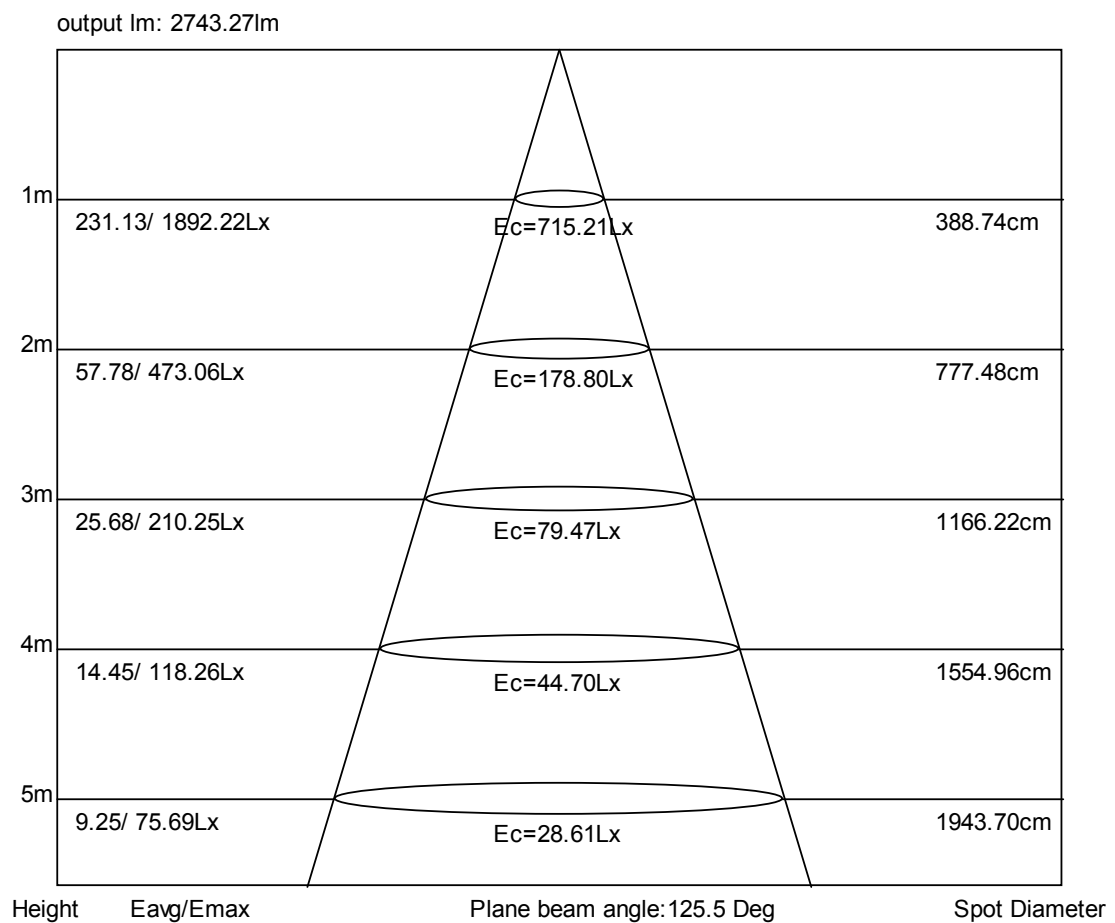
Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 228.4V I: 116.0mA P: 25.13W PF: 0.942 Test LM: 3411.63lm		
Lamp Name:	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m ²):	Protect Angle(Deg):

Average Illumination



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 25

Tester:

Distance(m): 11.6

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 228.4V I: 116.0mA P: 25.13W PF: 0.942 Test LM: 3411.63lm		
Lamp Name:	Lamp Type:	Weight (kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m ²):	Protect Angle(Deg):

Ring-shaped Flux Data Table

Gm\C(Deg)	0	45	90	135	180	225	270	315	Range	Ring	T(lm)
5	717	710	710	722	720	723	724	722	0-5	17.1	17.1
10	723	711	714	735	734	739	739	733	5-10	51.8	68.9
15	739	721	728	760	763	758	752	745	10-15	87.5	156
20	767	740	753	801	802	782	766	755	15-20	125	281
25	804	770	801	856	857	800	775	771	20-25	165	446
30	857	813	866	932	918	808	768	781	25-30	208	655
35	911	878	912	992	969	797	738	781	30-35	253	907
40	962	941	949	1054	1017	759	671	761	35-40	293	1200
45	1008	999	999	1149	1075	679	556	706	40-45	327	1528
50	1065	1088	1030	1270	1138	538	381	582	45-50	354	1882
55	1123	1215	995	1326	1178	340	171	420	50-55	370	2252
60	1150	1335	819	1129	1111	148	74.9	242	55-60	370	2622
65	1060	1309	571	671	803	78.3	33.4	108	60-65	337	2959
70	734	949	329	162	252	45.5	12.3	61.5	65-70	252	3210
75	227	357	106	35.9	34.7	16.8	7.56	43.6	70-75	140	3351
80	34.9	47.8	34.9	10.9	6.16	1.59	3.82	21.9	75-80	49.8	3400
85	7.12	16.1	8.11	1.37	1.41	0.81	2.58	5.36	80-85	9.23	3410
90	0.97	2.35	1.25	1.16	0.96	1.01	2.1	2.23	85-90	1.97	3412
95									90-95		
100									95-100		
105									100-105		
110									105-110		
115									110-115		
120									115-120		
125									120-125		
130									125-130		
135									130-135		
140									135-140		
145									140-145		
150									145-150		
155									150-155		
160									155-160		
165									160-165		
170									165-170		
175									170-175		
180									175-180		

Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 25

Tester:

Distance(m): 11.6

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 228.4V I: 116.0mA P: 25.13W PF: 0.942 Test LM: 3411.63lm		
Lamp Name:	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m ²):	Protect Angle(Deg):

CD Table

Gm\C(Deg)	0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340
5.0	717	714	711	710	710	712	717	722	723	720	723	723	725	725	725	724	721	719
10.0	723	716	712	710	712	717	725	737	741	734	740	739	741	740	739	737	732	727
15.0	739	727	722	719	724	732	745	763	772	763	768	761	759	755	751	748	743	738
20.0	767	749	741	737	745	758	778	804	815	802	804	787	778	771	765	760	755	755
25.0	804	784	773	768	786	806	828	862	880	857	840	809	790	780	775	773	772	780
30.0	857	832	816	820	848	871	897	943	975	918	873	821	788	772	769	774	786	809
35.0	911	899	883	886	902	917	947	1004	1038	969	893	816	762	740	741	757	788	825
40.0	962	987	952	937	943	954	993	1066	1098	1017	898	786	701	671	665	693	770	824
45.0	1008	1022	1005	983	988	1005	1060	1169	1220	1075	879	717	595	554	529	568	724	816
50.0	1065	1102	1093	1043	1026	1044	1133	1305	1393	1138	817	589	424	373	347	400	611	758
55.0	1123	1239	1224	1111	1022	1013	1136	1402	1612	1178	688	401	223	166	142	214	470	711
60.0	1150	1428	1364	1112	896	830	942	1290	1769	1111	453	194	101	75.5	62	113	300	588
65.0	1060	1658	1404	966	665	563	593	869	1479	803	204	87.2	56.5	38.5	28.7	52.1	154	408
70.0	734	1747	1156	645	397	308	240	251	530	252	74.9	46.4	30.8	17	14.2	32.1	82.9	231
75.0	227	1298	597	277	163	91.2	59.6	40.3	53.2	34.7	18.6	16.7	10.8	7.58	8.27	21	50.1	92.7
80.0	34.9	236	95.1	49.9	42	31.9	22.1	9.78	5.94	6.16	2.41	1.65	1.41	2.72	4.03	10.3	25.7	38.8
85.0	7.12	21.4	17.7	20	14.2	6.86	3.92	1.59	2.26	1.41	0.96	0.83	0.84	1.83	2.8	3.87	6.7	10.9
90.0	0.97	1.92	2.29	2.46	1.81	1.18	1.11	1.31	1.72	0.96	1.28	1.08	0.93	1.57	2.25	2.37	2.4	2.77
95.0																		
100.0																		
105.0																		
110.0																		
115.0																		
120.0																		
125.0																		
130.0																		
135.0																		
140.0																		
145.0																		
150.0																		
155.0																		
160.0																		
165.0																		
170.0																		
175.0																		
180.0																		

Gama Angle Range:-90 - 90(Deg)

C Angle Range:0 - 180(Deg)

Gama interval(Deg): 1

C interval(Deg): 22.5

Temperature(Deg): 25

Humidity(%): 60

Tester:

Date: 2023/7/5

Distance(m): 11.6

Remark:

Test System: ZWL Goniophotometer System V3.0