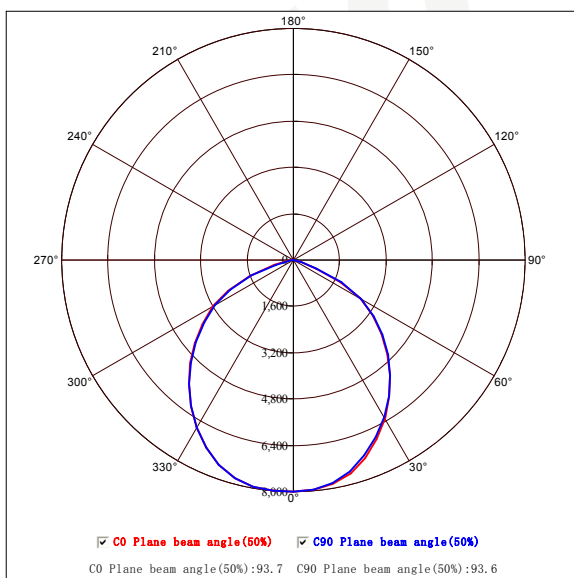


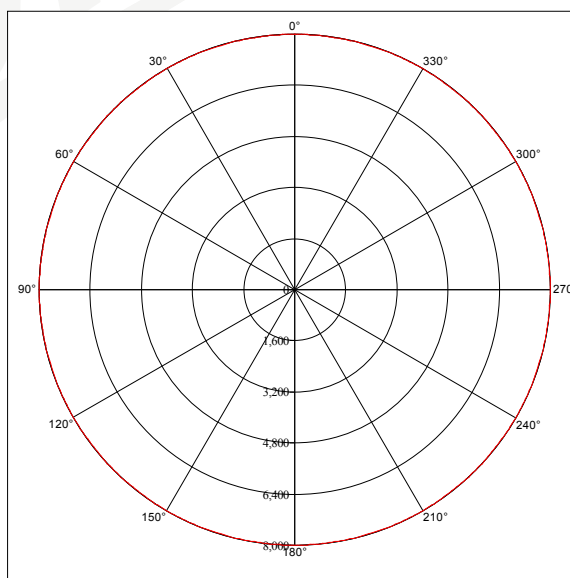
Goniophotometer Test Report

Measured Para U: 219.2V I: 577.0mA P: 120.80W PF: 0.955 Test LM: 16579.76lm						
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)	8013.1	Efficiency(lm/w)	137.2
Nominal P(w)		0.0	Position	45.0,0.0	UP(C0-C180)	0.0
Rated Volt(v)		0.0	Total Flux(lm)	16579.760	Down(C0-C180)	48.8
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)	51.2

Planar Intensity Distribution Curve



Peak Point Conical surface Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

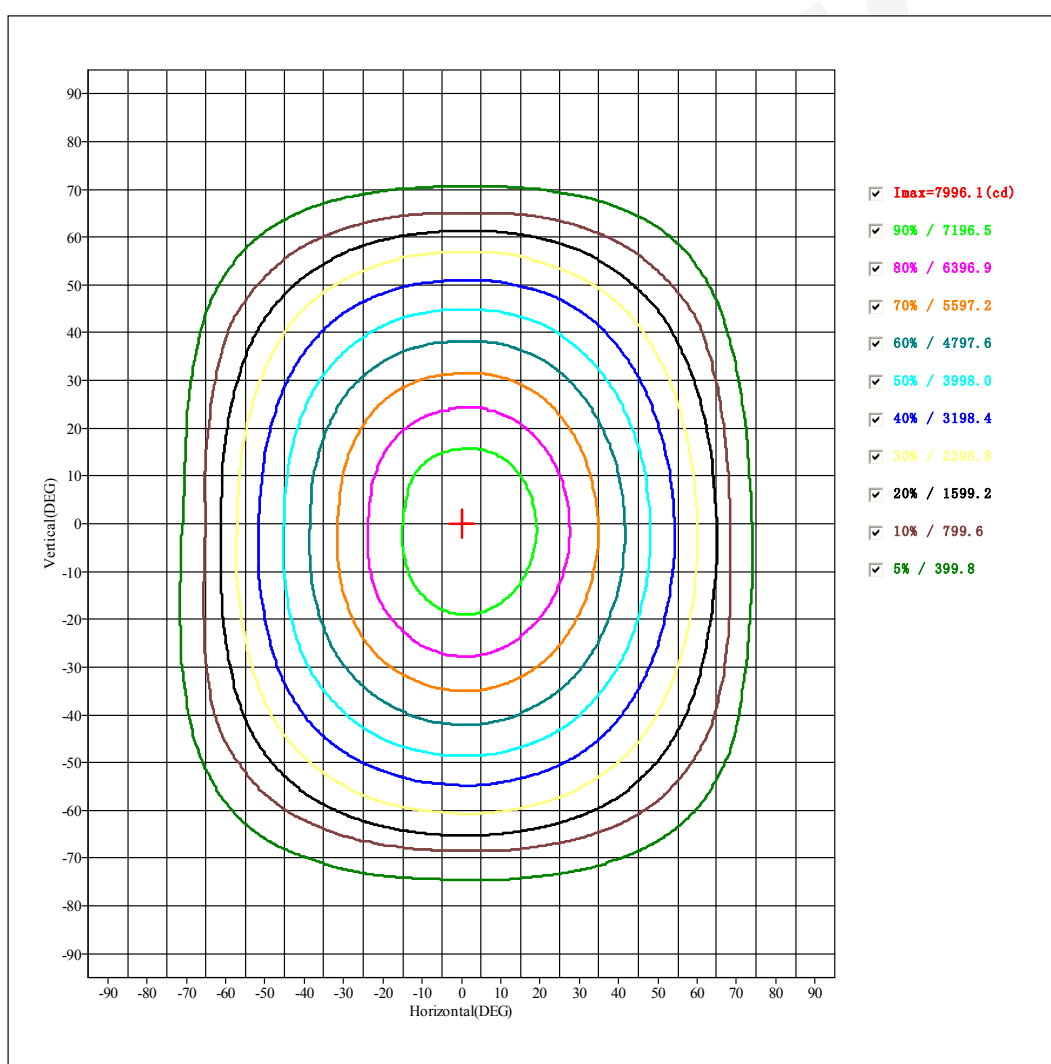
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.2V I: 577.0mA P: 120.80W PF: 0.955 Test LM: 16579.761m		
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): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180 (Deg)

C interval(Deg): 45

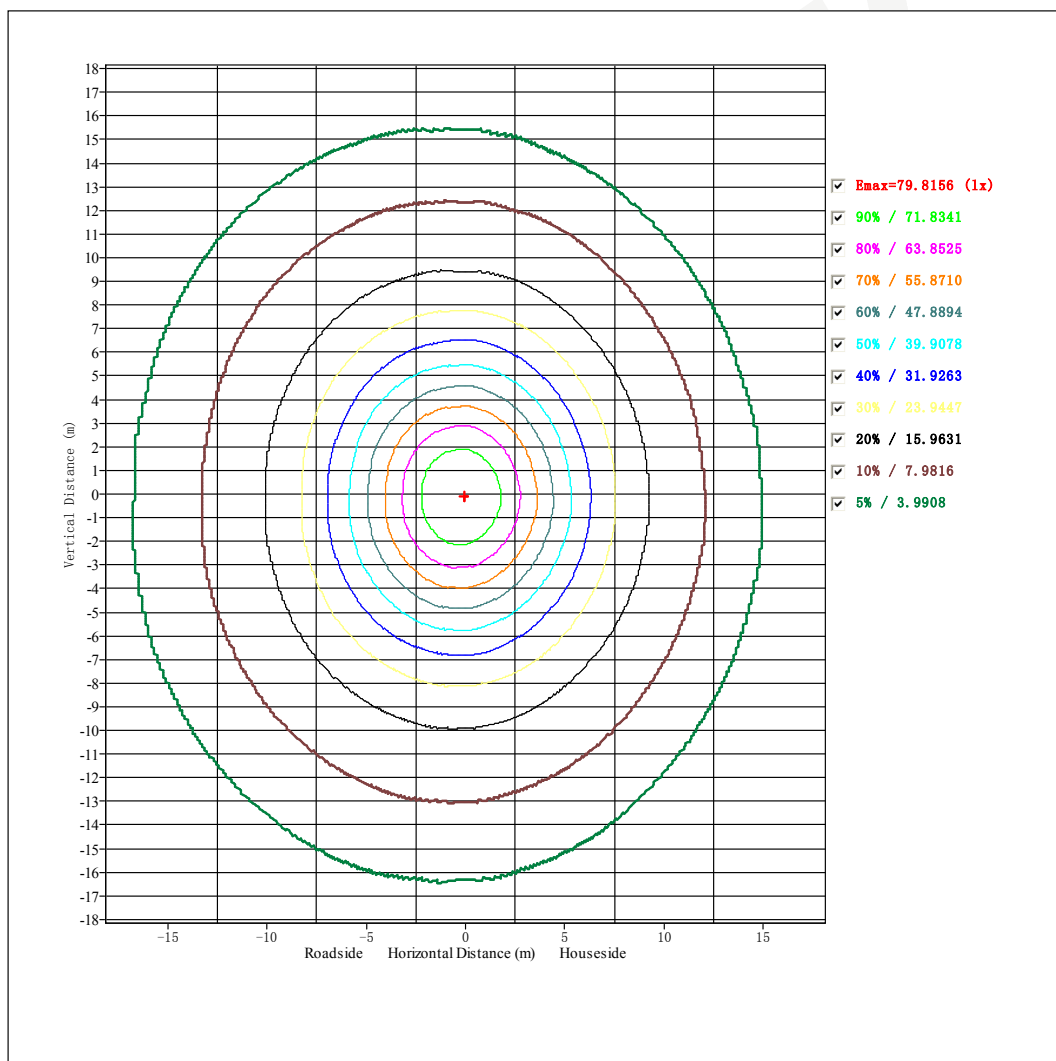
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.2V I: 577.0mA P: 120.80W PF: 0.955 Test LM: 16579.761m		
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): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

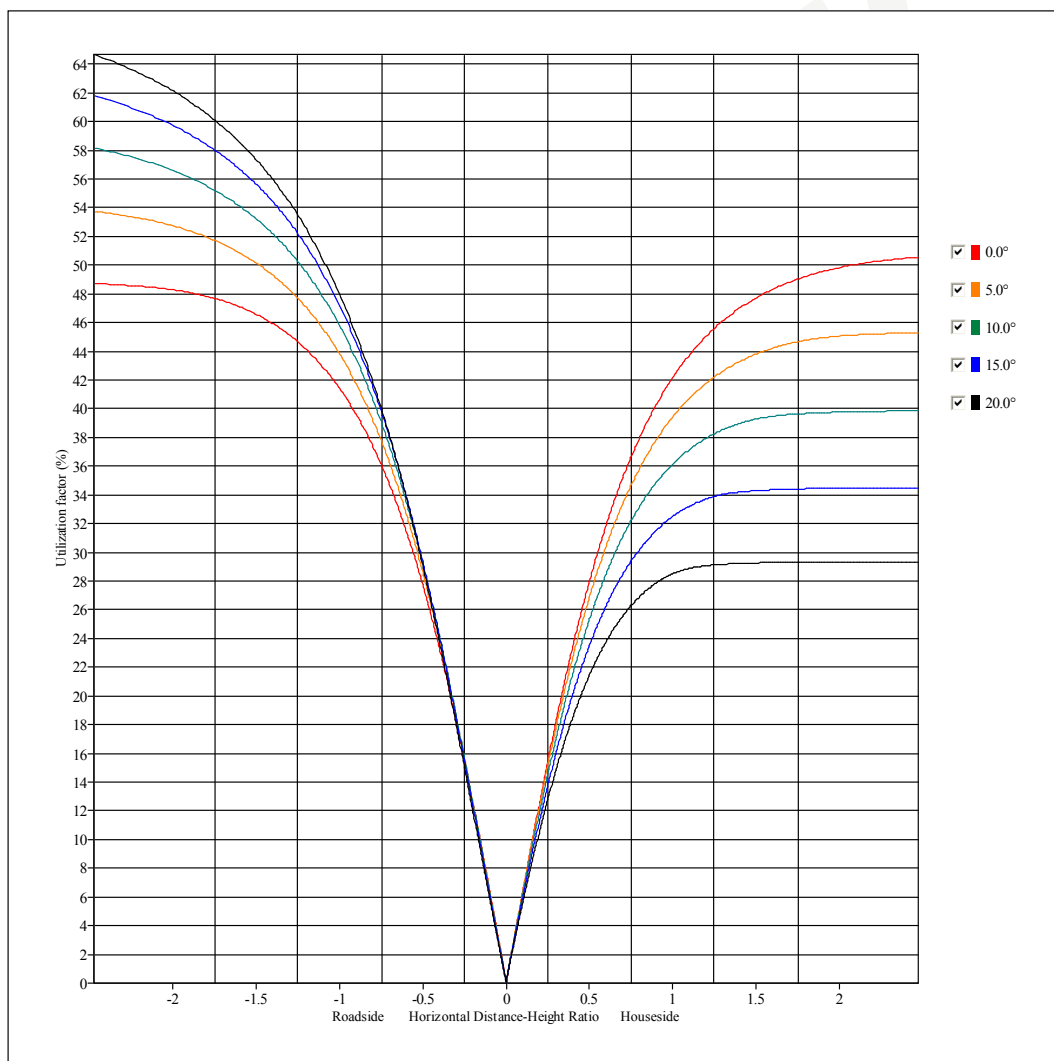
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.2V I: 577.0mA P: 120.80W PF: 0.955 Test LM: 16579.76lm		
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): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

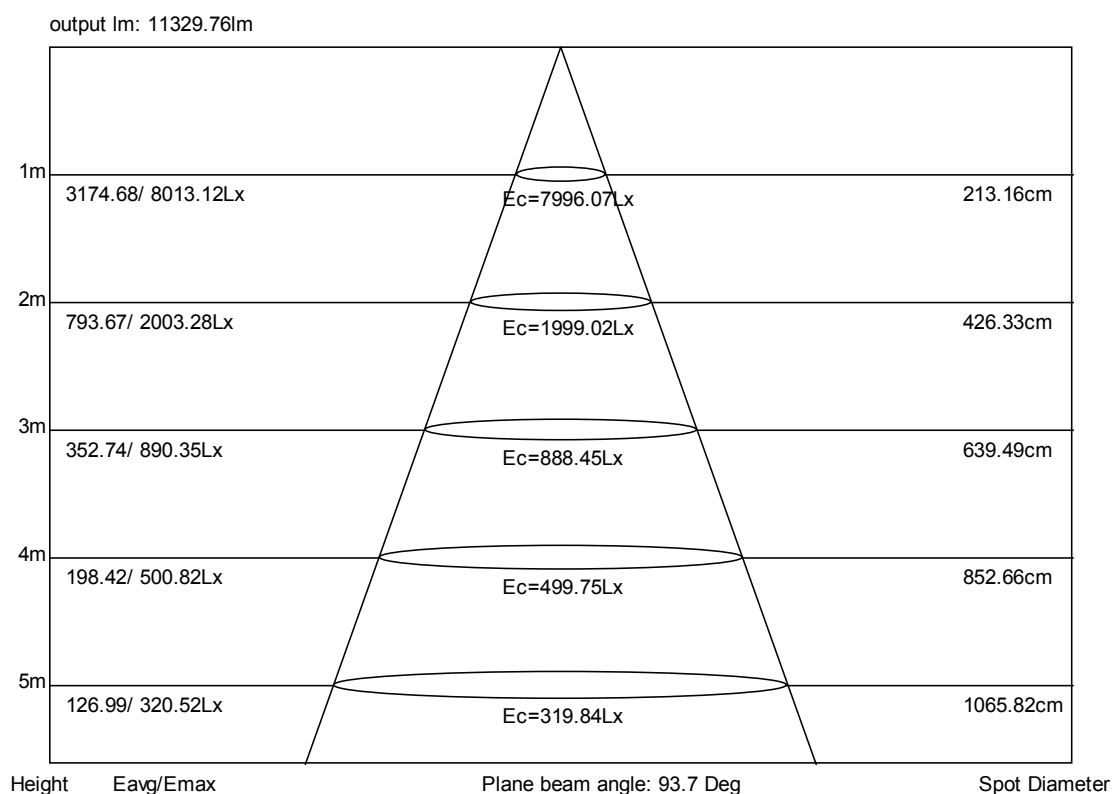
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.2V I: 577.0mA P: 120.80W PF: 0.955 Test LM: 16579.76lm		
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): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180 (Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.2V I: 577.0mA P: 120.80W PF: 0.955 Test LM: 16579.76lm		
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	7889	7878	7830	7895	7993	7995	7981	7908	0-5	190	190
10	7657	7640	7576	7704	7847	7847	7838	7736	5-10	559	749
15	7303	7281	7210	7401	7559	7552	7567	7428	10-15	897	1646
20	6839	6843	6775	6998	7168	7151	7178	7011	15-20	1186	2832
25	6326	6347	6274	6534	6701	6680	6701	6509	20-25	1415	4247
30	5770	5824	5757	6026	6179	6145	6158	5967	25-30	1578	5825
35	5203	5277	5209	5485	5623	5595	5590	5387	30-35	1677	7502
40	4601	4689	4640	4921	5047	5002	5010	4785	35-40	1710	9211
45	3976	4082	4022	4321	4462	4399	4407	4160	40-45	1677	10888
50	3338	3424	3385	3718	3851	3772	3784	3507	45-50	1580	12468
55	2678	2750	2731	3039	3195	3124	3108	2849	50-55	1419	13886
60	1939	1946	1955	2301	2524	2436	2449	2114	55-60	1187	15073
65	643	1080	629	1458	1744	1655	1688	1281	60-65	844	15918
70	201	406	200	668	421	846	327	529	65-70	435	16353
75	105	102	106	177	170	250	154	116	70-75	156	16508
80	37.5	31.9	35.3	55.7	82.9	62.4	73.6	34.4	75-80	53.2	16562
85	1.52	2.25	1.54	10	26.3	10.9	1.73	3.45	80-85	16	16578
90	0.77	1.24	0.69	0.79	0.78	0.82	0.47	0.54	85-90	2.18	16580
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): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.2V I: 577.0mA P: 120.80W PF: 0.955 Test LM: 16579.76lm		
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	7889	7884	7879	7862	7841	7845	7874	7906	7950	7993	7994	7995	7990	7984	7965	7932	7906	7897
10.0	7657	7649	7642	7619	7590	7604	7662	7719	7784	7847	7847	7847	7844	7840	7815	7769	7727	7691
15.0	7303	7293	7283	7258	7226	7252	7338	7418	7490	7559	7556	7553	7557	7564	7537	7474	7414	7358
20.0	6839	6841	6842	6820	6790	6824	6925	7017	7094	7168	7161	7153	7160	7172	7141	7065	6992	6914
25.0	6326	6335	6344	6323	6290	6331	6449	6552	6628	6701	6692	6683	6687	6697	6659	6572	6489	6406
30.0	5770	5794	5818	5802	5771	5815	5938	6043	6112	6179	6164	6148	6149	6155	6116	6030	5945	5856
35.0	5203	5235	5269	5255	5224	5270	5395	5500	5563	5623	5611	5598	5593	5591	5546	5454	5367	5284
40.0	4601	4640	4679	4673	4650	4701	4829	4935	4992	5047	5027	5007	5004	5008	4961	4859	4765	4682
45.0	3976	4022	4070	4062	4035	4088	4223	4337	4400	4462	4434	4406	4402	4406	4353	4241	4139	4056
50.0	3338	3375	3414	3411	3394	3458	3609	3733	3793	3851	3816	3780	3776	3781	3723	3598	3488	3412
55.0	2678	2709	2742	2744	2735	2798	2938	3056	3127	3195	3164	3132	3119	3111	3051	2934	2830	2753
60.0	1939	1942	1945	1949	1953	2030	2188	2326	2427	2524	2486	2446	2441	2446	2376	2224	2095	2016
65.0	643	834	1032	932	728	811	1186	1489	1619	1744	1705	1665	1666	1681	1599	1415	1211	922
70.0	201	291	384	339	245	302	514	641	529	421	607	799	675	440	371	462	493	345
75.0	105	104	103	103	105	121	153	176	173	170	205	242	219	175	145	128	115	110
80.0	37.5	35.1	32.6	33	34.6	39.8	49	58.7	71	82.9	73.9	64.7	66.1	71.2	65.1	47.3	34.7	36.2
85.0	1.52	1.84	2.17	2.02	1.7	3.4	7.25	11.8	19.2	26.3	19.6	12.6	7.87	3.73	2.1	2.88	3.24	2.37
90.0	0.77	0.97	1.18	1.06	0.81	0.71	0.75	0.79	0.78	0.78	0.8	0.82	0.71	0.55	0.49	0.52	0.57	0.67
95.0																		
100.0																		
105.0																		
110.0																		
115.0																		
120.0																		
125.0																		
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155.0																		
160.0																		
165.0																		
170.0																		
175.0																		
180.0																		

Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2019-5-22

Remark: