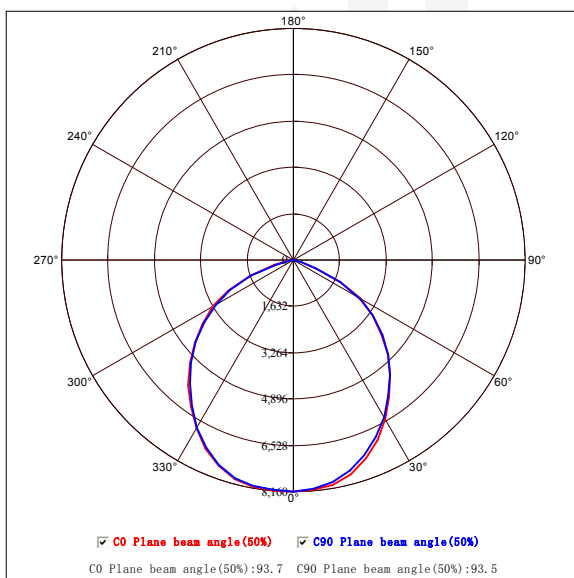


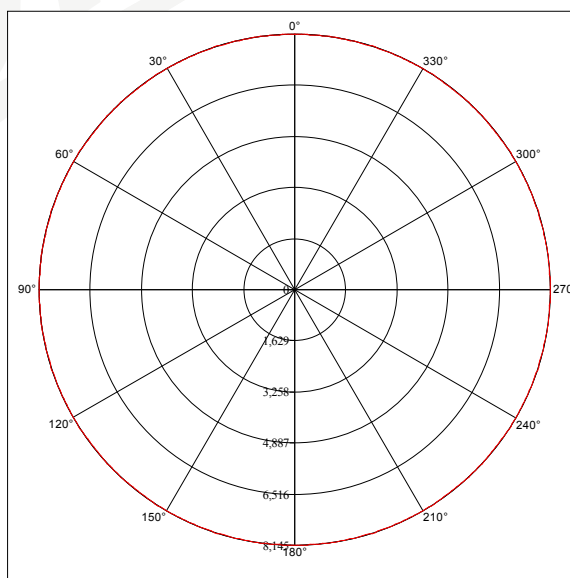
Goniophotometer Test Report

Measured Para U: 219.2V I: 580.0mA P: 121.30W PF: 0.954 Test LM: 17182.73lm						
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)	8190.1	Efficiency(lm/w)	141.7
Nominal P(w)		0.0	Position	0.0,0.0	UP(C0-C180)	0.0
Rated Volt(v)		0.0	Total Flux(lm)	17182.725	Down(C0-C180)	50.1
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)	49.9

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

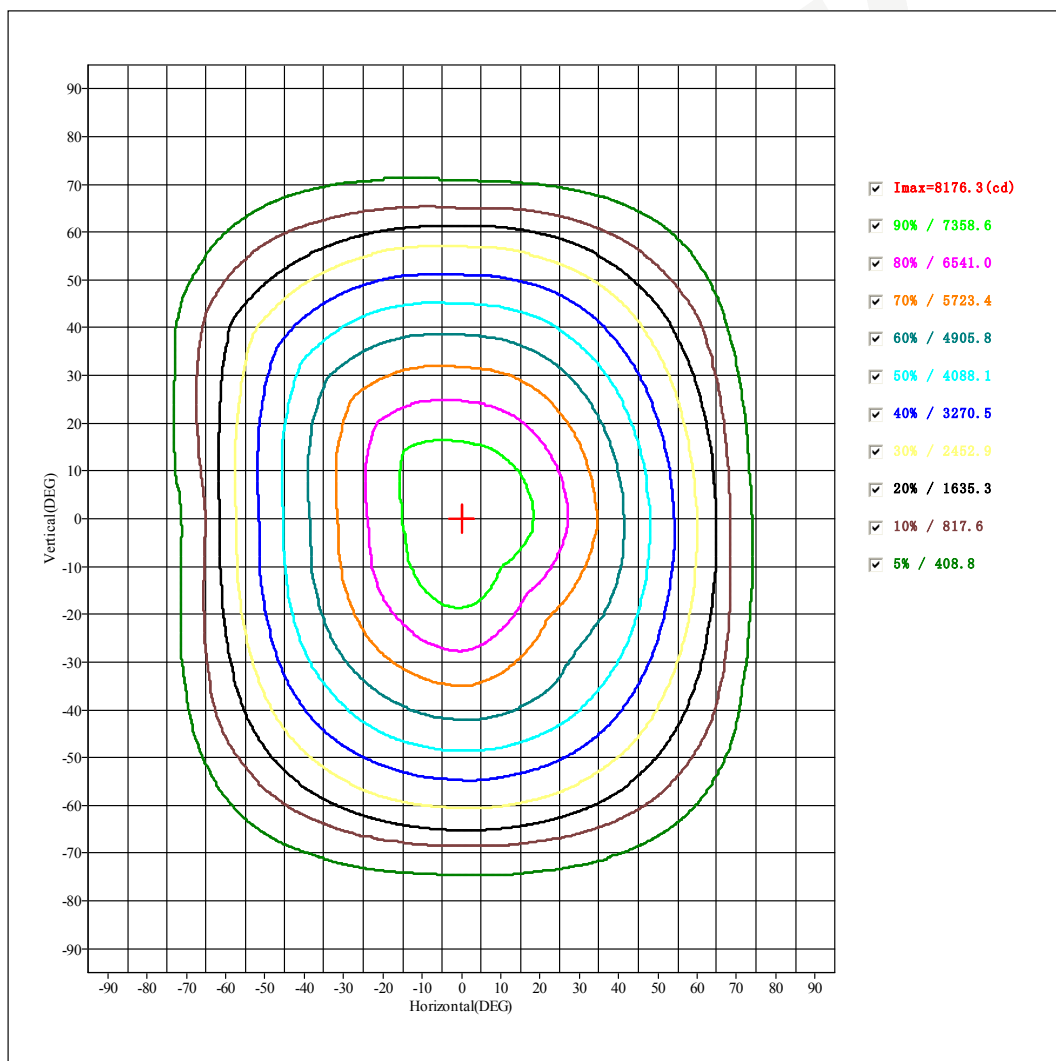
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.2V I: 580.0mA P: 121.30W PF: 0.954 Test LM: 17182.73lm		
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

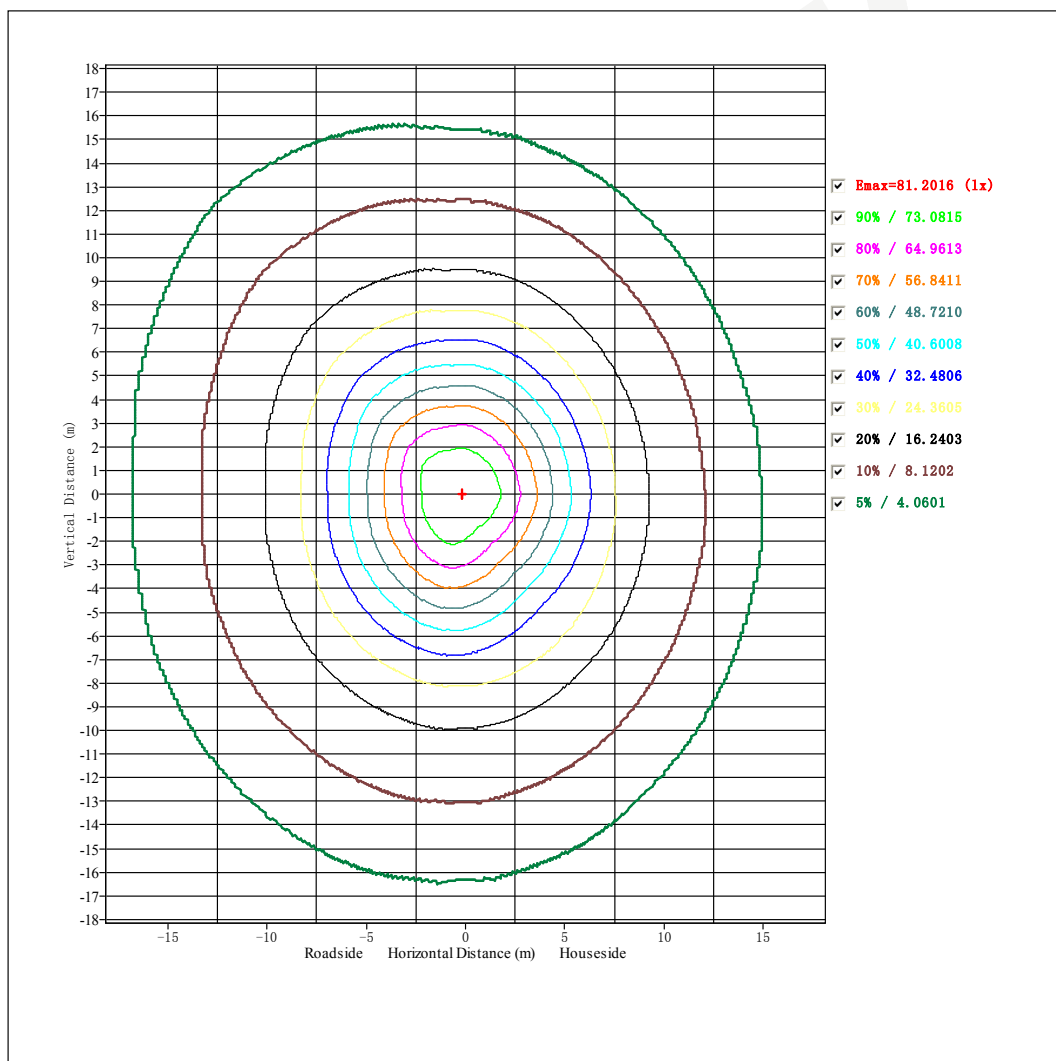
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.2V I: 580.0mA P: 121.30W PF: 0.954 Test LM: 17182.73lm		
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

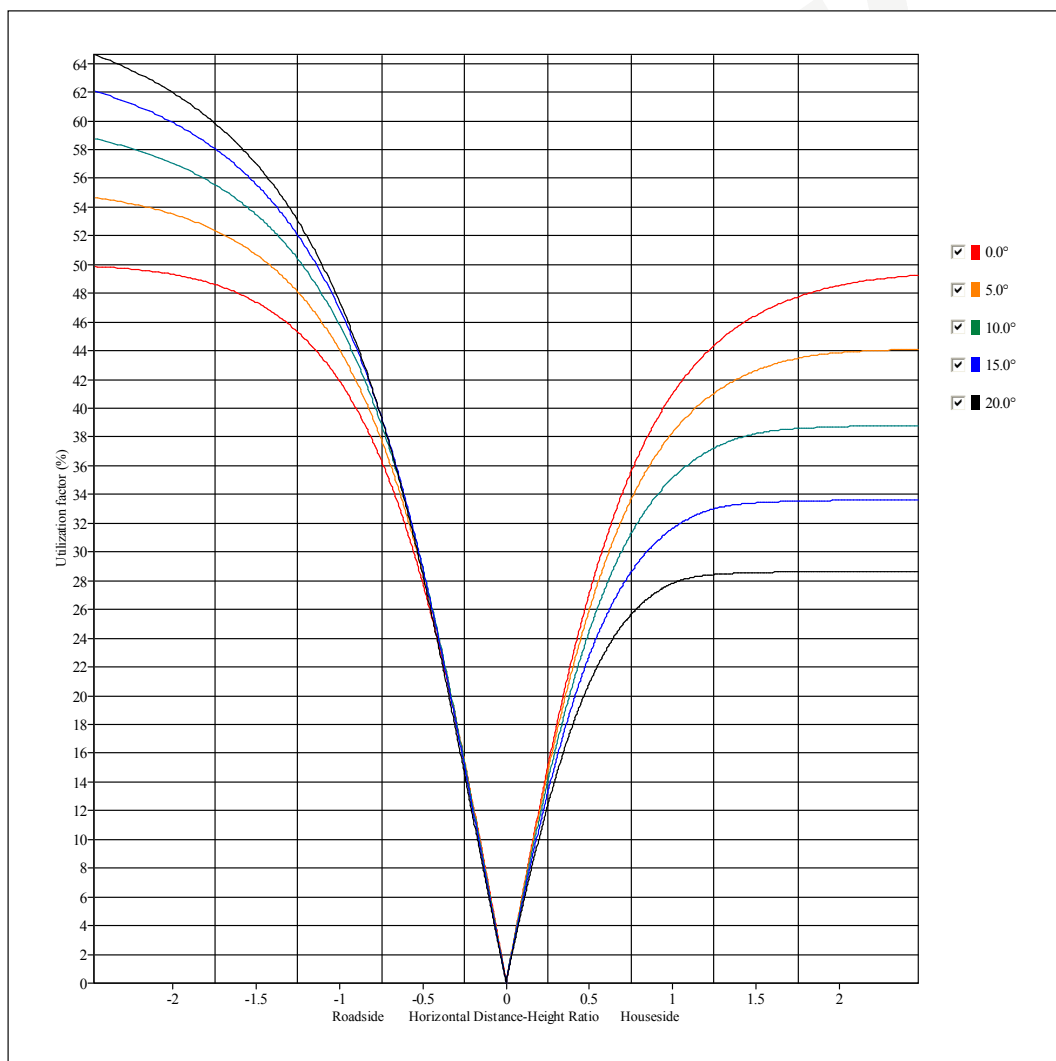
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.2V I: 580.0mA P: 121.30W PF: 0.954 Test LM: 17182.73lm		
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

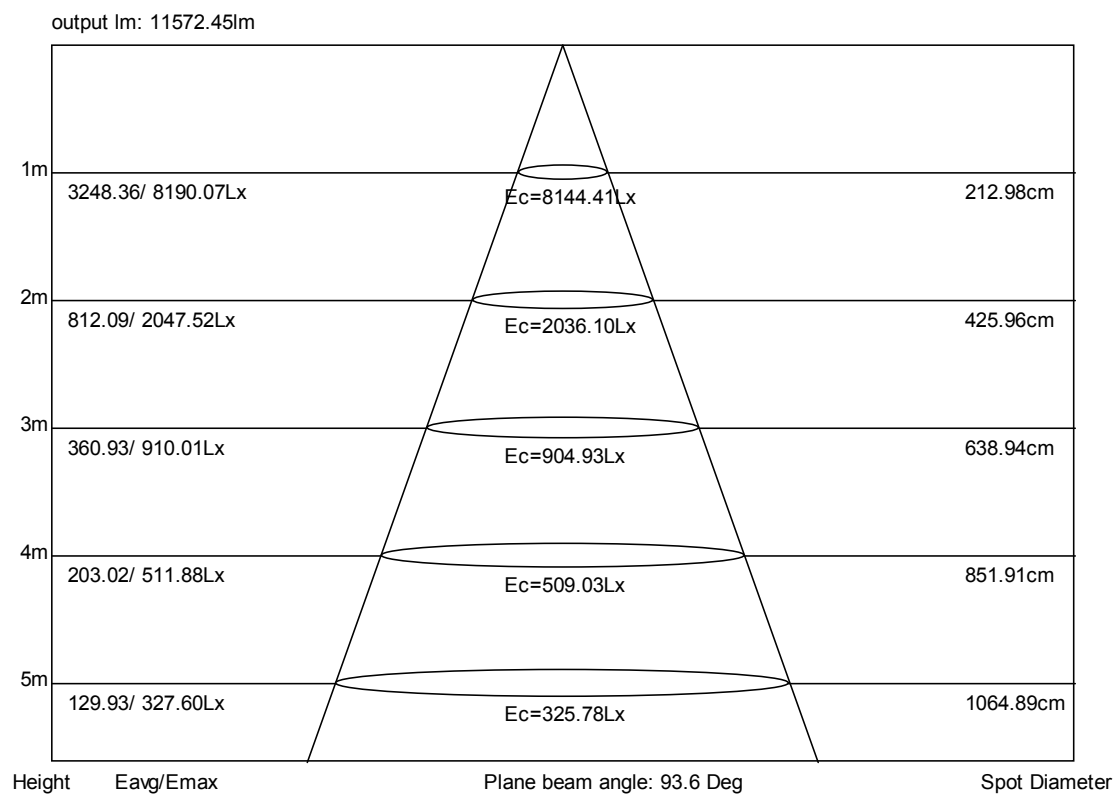
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.2V I: 580.0mA P: 121.30W PF: 0.954 Test LM: 17182.73lm		
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: 580.0mA P: 121.30W PF: 0.954 Test LM: 17182.73lm		
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	8075	8174	7965	8017	8176	8006	8119	8033	0-5	194	194
10	7835	8029	7702	7826	8028	7714	7979	7857	5-10	570	763
15	7474	7786	7340	7514	7732	7300	7692	7551	10-15	913	1676
20	6998	7421	6882	7101	7332	6820	7308	7118	15-20	1207	2884
25	6475	6968	6380	6635	6852	6274	6818	6611	20-25	1440	4324
30	5903	6455	5851	6113	6325	5713	6263	6058	25-30	1607	5931
35	5322	5931	5294	5570	5747	5110	5687	5472	30-35	1707	7637
40	4709	5367	4709	4987	5162	5110	5102	4857	35-40	1753	9391
45	4070	4774	4089	4389	4559	4495	4486	4254	40-45	1737	11127
50	3417	4148	3433	3763	3938	3853	3855	3562	45-50	1642	12770
55	2738	3472	2766	3079	3265	3199	3167	2885	50-55	1481	14250
60	1975	2780	1987	2341	2574	2486	2487	2148	55-60	1251	15501
65	655	1963	621	1474	1766	1697	1726	1292	60-65	909	16410
70	207	1076	203	684	434	870	335	540	65-70	491	16901
75	109	411	109	180	175	260	156	118	70-75	191	17092
80	38.8	103	35.5	57	85.4	66.5	76	35.4	75-80	67.3	17159
85	1.68	32.2	1.81	10.4	27.3	12.2	1.83	3.47	80-85	20	17179
90	0.78	2.19	0.72	0.88	0.8	0.76	0.5	0.56	85-90	3.35	17183
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: 580.0mA P: 121.30W PF: 0.954 Test LM: 17182.73lm		
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	8075	8118	8163	8105	8011	7977	8000	8035	8107	8176	8102	8024	8043	8094	8100	8061	8038	8057
10.0	7835	7920	8008	7922	7774	7729	7785	7848	7939	8028	7890	7748	7801	7921	7952	7897	7855	7844
15.0	7474	7610	7752	7640	7438	7378	7457	7538	7637	7732	7543	7347	7429	7607	7662	7598	7543	7508
20.0	6998	7183	7374	7244	7000	6930	7029	7126	7231	7332	7108	6876	6980	7201	7266	7180	7105	7050
25.0	6475	6690	6914	6775	6508	6436	6551	6659	6757	6852	6599	6338	6453	6699	6773	6679	6596	6535
30.0	5903	6145	6395	6257	5983	5908	6027	6136	6232	6325	6057	5780	5894	6143	6218	6125	6041	5971
35.0	5322	5589	5864	5722	5433	5354	5479	5589	5669	5747	5468	5180	5299	5561	5640	5542	5455	5388
40.0	4709	4997	5295	5151	4853	4770	4896	5006	5086	5162	5140	5116	5108	5104	5049	4938	4841	4774
45.0	4070	4378	4697	4549	4239	4155	4290	4407	4485	4559	4531	4502	4492	4488	4435	4330	4234	4151
50.0	3417	3737	4068	3913	3589	3505	3655	3782	3862	3938	3901	3862	3853	3854	3791	3658	3546	3480
55.0	2738	3059	3392	3241	2921	2834	2976	3099	3183	3265	3236	3206	3189	3174	3106	2977	2869	2802
60.0	1975	2327	2692	2520	2161	2065	2225	2366	2472	2574	2535	2495	2486	2486	2413	2259	2129	2051
65.0	655	1227	1820	1523	914	807	1194	1505	1638	1766	1736	1705	1707	1720	1631	1435	1222	934
70.0	207	588	981	790	394	308	526	656	544	434	625	822	695	452	380	473	504	353
75.0	109	241	378	312	175	124	156	179	177	175	212	251	226	179	148	131	117	113
80.0	38.8	66.9	96.1	81	50.3	40.2	50	60.1	73	85.4	77.1	68.6	69.6	73.9	67.1	48.7	35.8	37.3
85.0	1.68	15	28.9	22.2	8.47	3.68	7.55	12.2	19.9	27.3	20.7	13.9	8.8	4.1	2.19	2.93	3.27	2.46
90.0	0.78	1.4	2.04	1.71	1.04	0.75	0.83	0.87	0.84	0.8	0.78	0.76	0.67	0.56	0.51	0.54	0.58	0.68
95.0																		
100.0																		
105.0																		
110.0																		
115.0																		
120.0																		
125.0																		
130.0																		
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150.0																		
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: