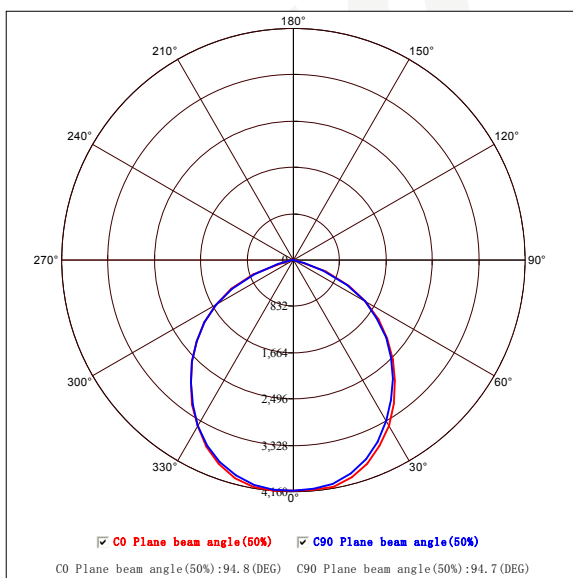


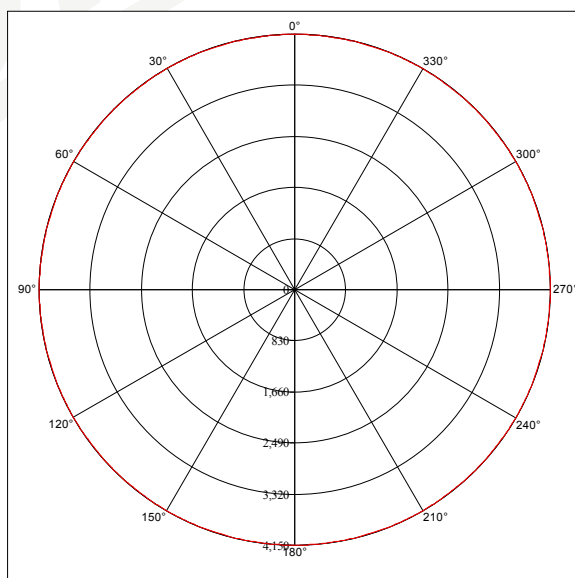
Goniophotometer Test Report

Measured Para U: 219.9V I: 287.0mA P: 61.00W PF: 0.967 Test LM: 8430.19lm						
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)	4021.32	Efficiency (lm/w)	138.19
Nominal P (w)		0.0	Position	0.0, 0.0	UP (C0-C180)	0.0
Rated Volt (v)		0.0	Total Flux (lm)	8430.186	Down (C0-C180)	49.8
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)	50.2

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

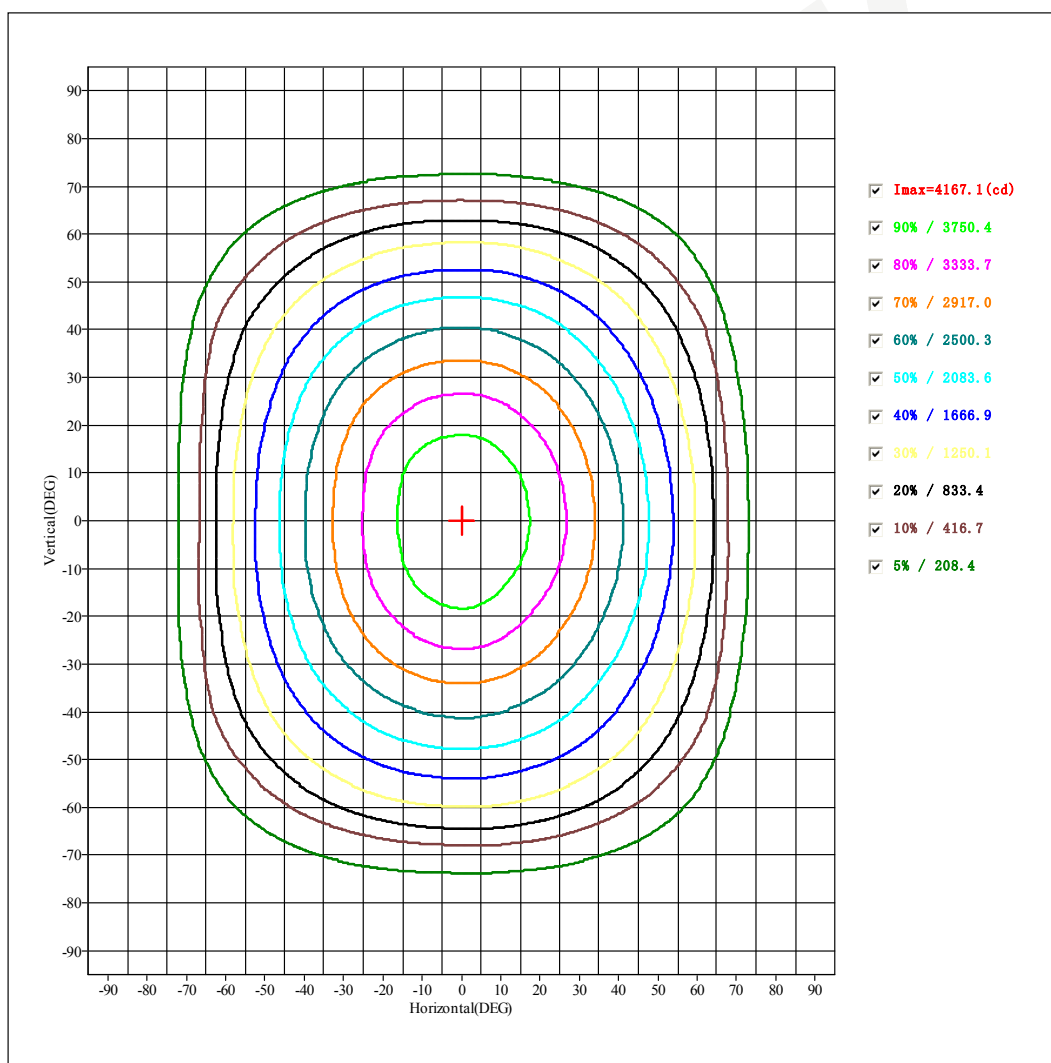
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.9V I: 287.0mA P: 61.00W PF: 0.967 Test LM: 8430.19lm		
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

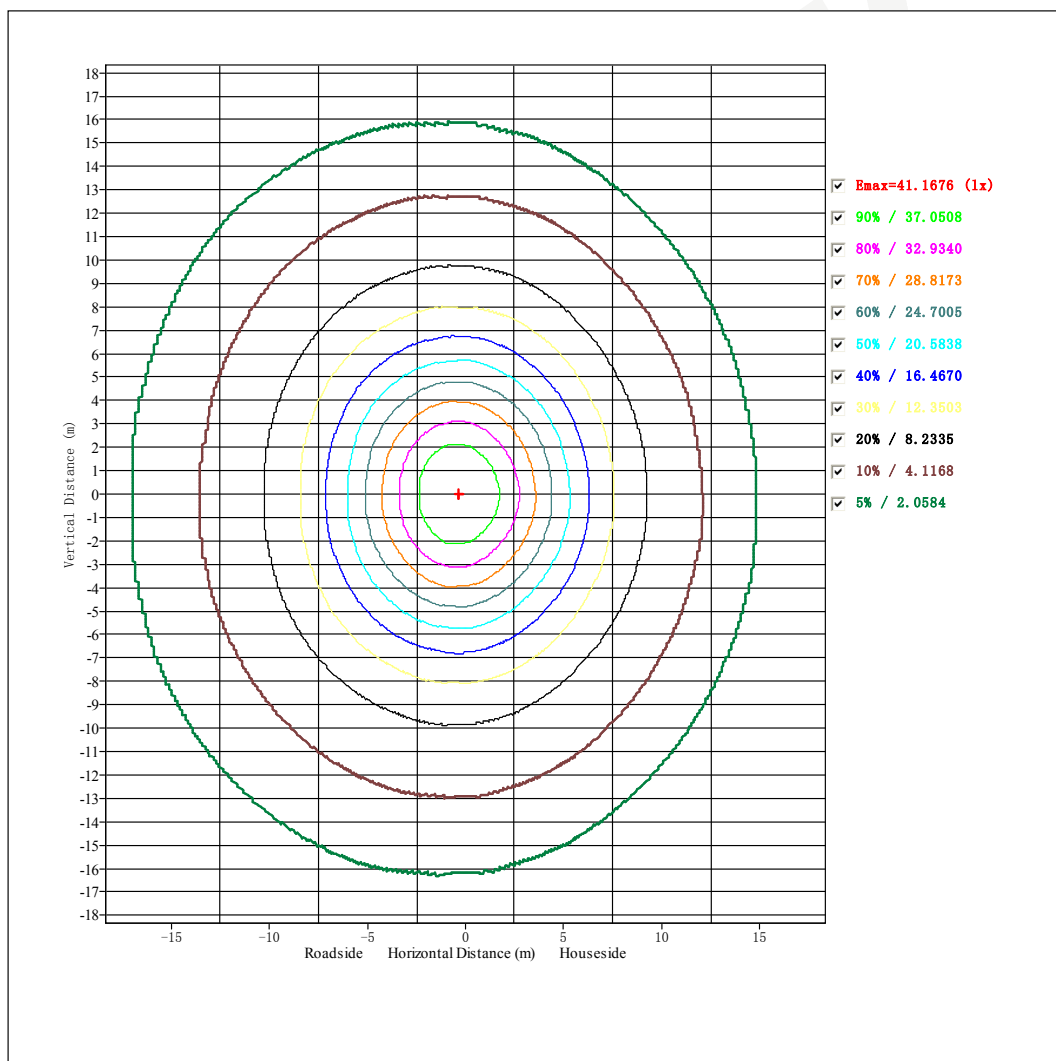
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.9V I: 287.0mA P: 61.00W PF: 0.967 Test LM: 8430.19lm		
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

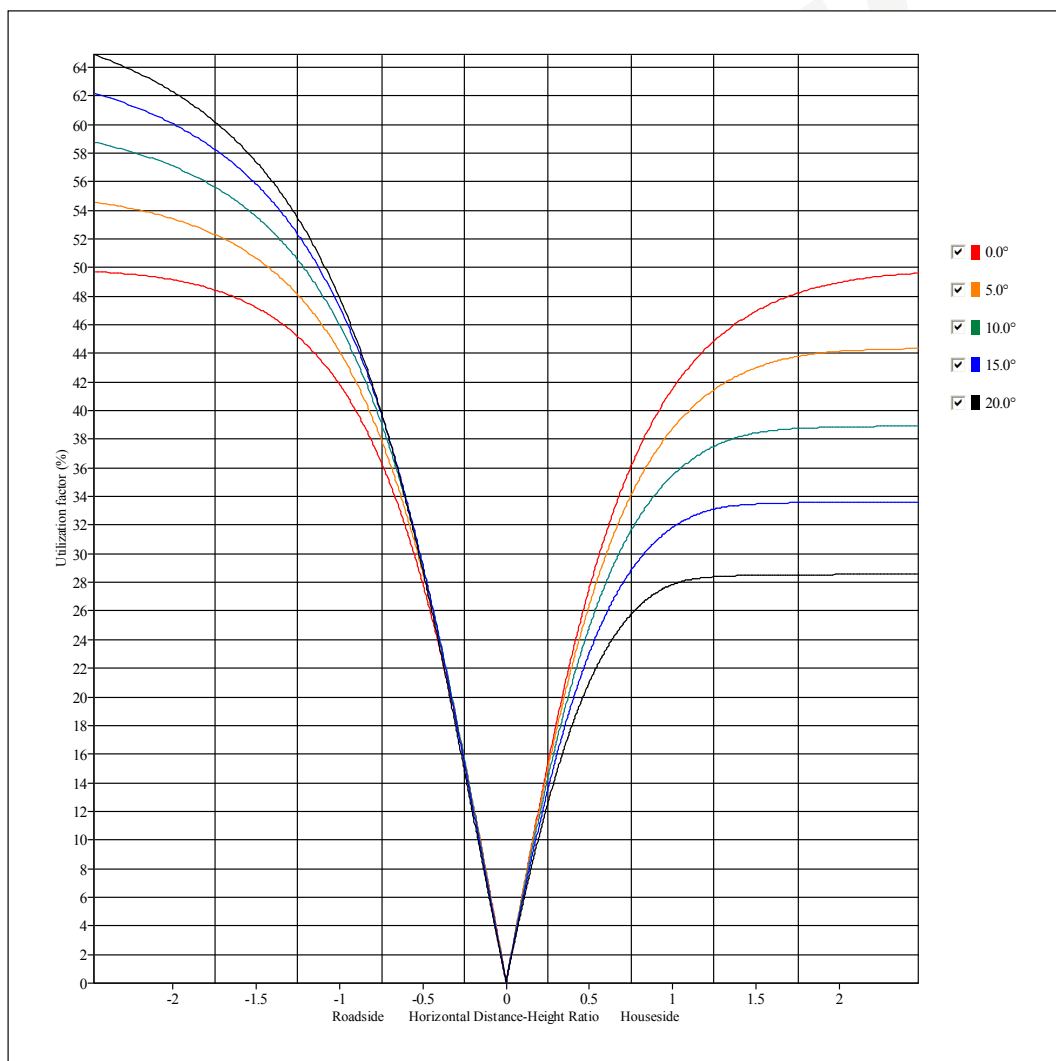
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.9V I: 287.0mA P: 61.00W PF: 0.967 Test LM: 8430.19lm		
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

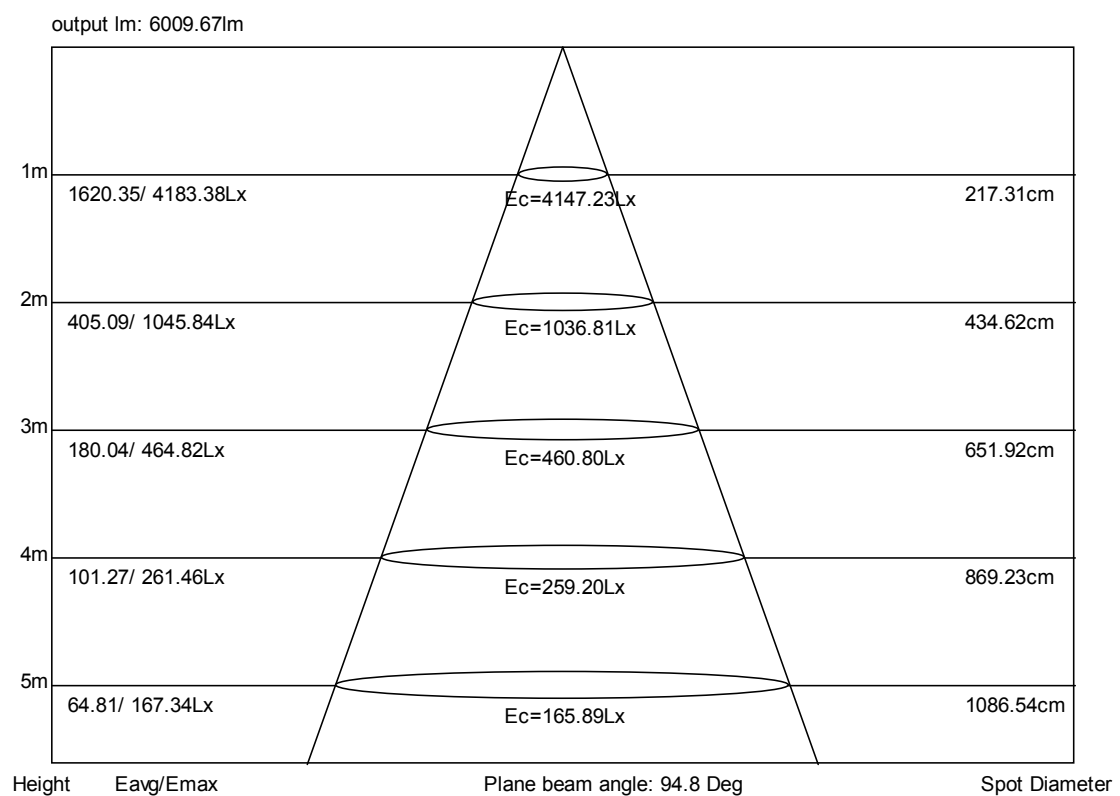
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.9V I: 287.0mA P: 61.00W PF: 0.967 Test LM: 8430.19lm		
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: 219.9V I: 287.0mA P: 61.00W PF: 0.967 Test LM: 8430.19lm		
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	4158	4096	4089	4114	4167	4091	4109	4082	0-5	98.6	98.6
10	4055	4043	3984	4010	4062	4019	4025	4023	5-10	291	390
15	3901	3894	3828	3883	3917	3856	3870	3860	10-15	468	858
20	3694	3682	3609	3644	3713	3630	3691	3658	15-20	621	1478
25	3435	3438	3348	3402	3439	3384	3440	3413	20-25	741	2220
30	3137	3171	3068	3144	3169	3110	3163	3144	25-30	828	3048
35	2844	2875	2783	2852	2871	2827	2873	2844	30-35	880	3928
40	2528	2561	2490	2551	2583	2531	2577	2528	35-40	898	4826
45	2206	2232	2170	2241	2268	2197	2274	2208	40-45	882	5708
50	1871	1905	1840	1912	1950	1886	1952	1859	45-50	832	6540
55	1494	1540	1484	1587	1610	1550	1602	1510	50-55	748	7288
60	1118	1187	1117	1227	1265	1216	1249	1161	55-60	632	7921
65	633	763	530	817	818	777	786	728	60-65	467	8388
70	120	353	107	357	153	335	145	308	65-70	244	8632
75	59.9	72.4	57.7	78.7	79.4	65.8	73.1	58.9	70-75	79	8711
80	22.2	23.1	19.3	24.4	33.9	17.7	28.5	15.7	75-80	24.4	8735
85	2.68	3.79	1.94	4.52	5.97	2.42	3.14	2.19	80-85	7.17	8742
90	0.2	0.46	0.23	0.45	0.22	0.22	0.17	0.21	85-90	0.99	8743
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: 219.9V I: 287.0mA P: 61.00W PF: 0.967 Test LM: 8430.19lm		
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	4158	4131	4103	4093	4090	4094	4106	4120	4144	4167	4134	4099	4097	4105	4103	4090	4090	4125
10.0	4055	4050	4045	4024	3997	3990	4002	4016	4039	4062	4043	4024	4021	4024	4025	4024	4026	4041
15.0	3901	3898	3895	3873	3843	3840	3865	3887	3902	3917	3890	3863	3861	3867	3868	3863	3865	3883
20.0	3694	3689	3683	3658	3625	3616	3632	3652	3683	3713	3676	3639	3650	3677	3684	3669	3662	3678
25.0	3435	3436	3438	3409	3368	3360	3385	3406	3423	3439	3415	3390	3402	3428	3434	3422	3416	3425
30.0	3137	3152	3168	3138	3091	3085	3119	3147	3158	3169	3143	3117	3128	3152	3159	3150	3143	3140
35.0	2844	2858	2872	2845	2803	2798	2829	2854	2863	2871	2852	2832	2842	2863	2867	2853	2844	2844
40.0	2528	2542	2558	2538	2506	2504	2531	2554	2569	2583	2560	2537	2546	2567	2566	2544	2528	2528
45.0	2206	2217	2229	2211	2184	2186	2218	2244	2256	2268	2237	2205	2222	2257	2260	2230	2208	2207
50.0	1871	1886	1901	1884	1854	1855	1888	1916	1933	1950	1922	1893	1908	1938	1932	1889	1860	1865
55.0	1494	1514	1535	1521	1496	1507	1554	1590	1600	1610	1584	1557	1567	1591	1582	1540	1508	1501
60.0	1118	1149	1180	1164	1132	1141	1191	1231	1248	1265	1243	1221	1227	1242	1230	1190	1156	1137
65.0	633	690	749	687	581	593	723	817	817	818	800	782	780	784	773	747	718	675
70.0	120	222	327	272	161	162	275	334	242	153	233	315	273	187	181	255	288	202
75.0	59.9	65.3	71	67.6	60.9	62.3	71.8	78.8	79.1	79.4	73.5	67.3	68.2	71.5	70	63.6	59	59.4
80.0	22.2	22.6	23	21.8	20.1	20.4	22.7	25.5	29.8	33.9	26.8	19.4	21.2	26.1	25.7	19.9	16.4	19.3
85.0	2.68	3.16	3.66	3.18	2.34	2.5	3.67	4.68	5.34	5.97	4.42	2.81	2.66	2.98	2.93	2.5	2.24	2.47
90.0	0.2	0.31	0.43	0.38	0.28	0.28	0.38	0.42	0.32	0.22	0.22	0.22	0.21	0.18	0.18	0.2	0.21	0.2
95.0																		
100.0																		
105.0																		
110.0																		
115.0																		
120.0																		
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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: