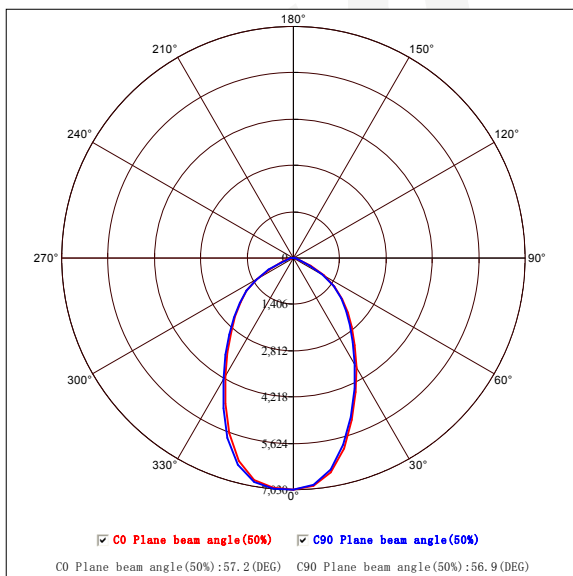


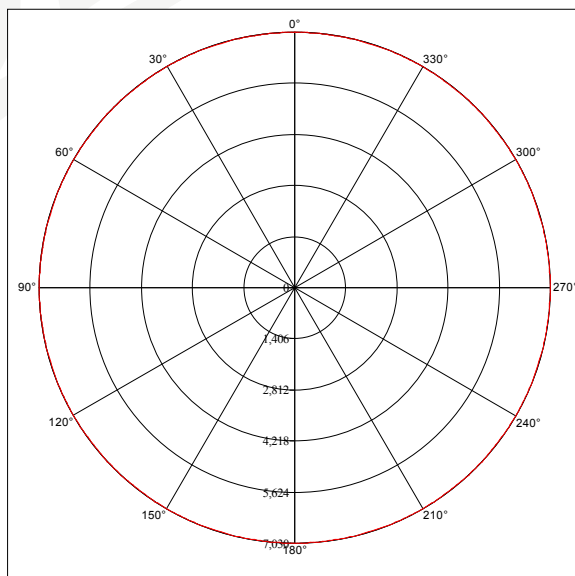
Goniophotometer Test Report

Measured Para U: 219.7V I: 286.0mA P: 60.80W PF: 0.968 Test LM: 8736.81lm						
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)	7045.5	Efficiency (lm/w)	143.7
Nominal P (w)		0.0	Position	45.0, 0.0	UP (C0-C180)	0.0
Rated Volt (v)		0.0	Total Flux (lm)	8736.810	Down (C0-C180)	48.5
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)	51.5

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

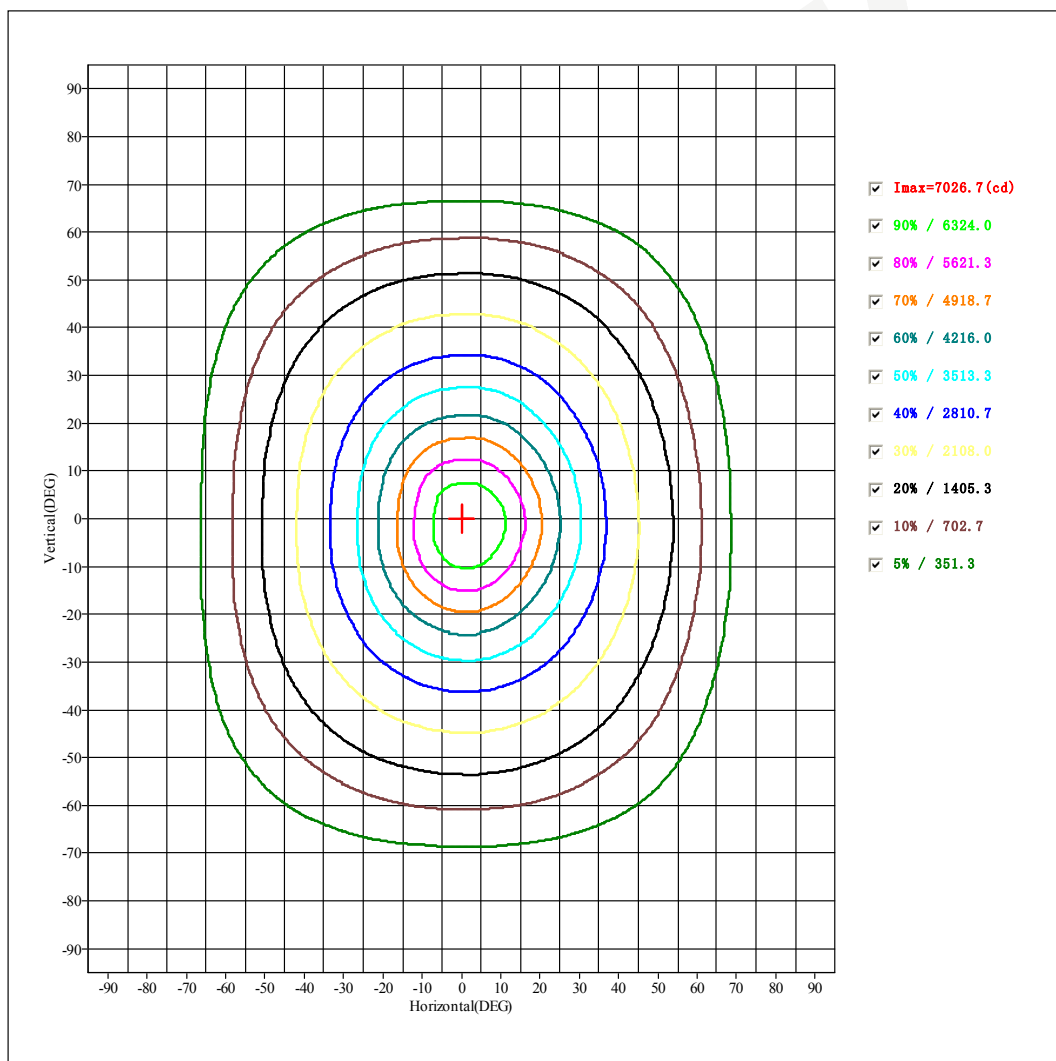
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.7V I: 286.0mA P: 60.80W PF: 0.968 Test LM: 8736.81lm		
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

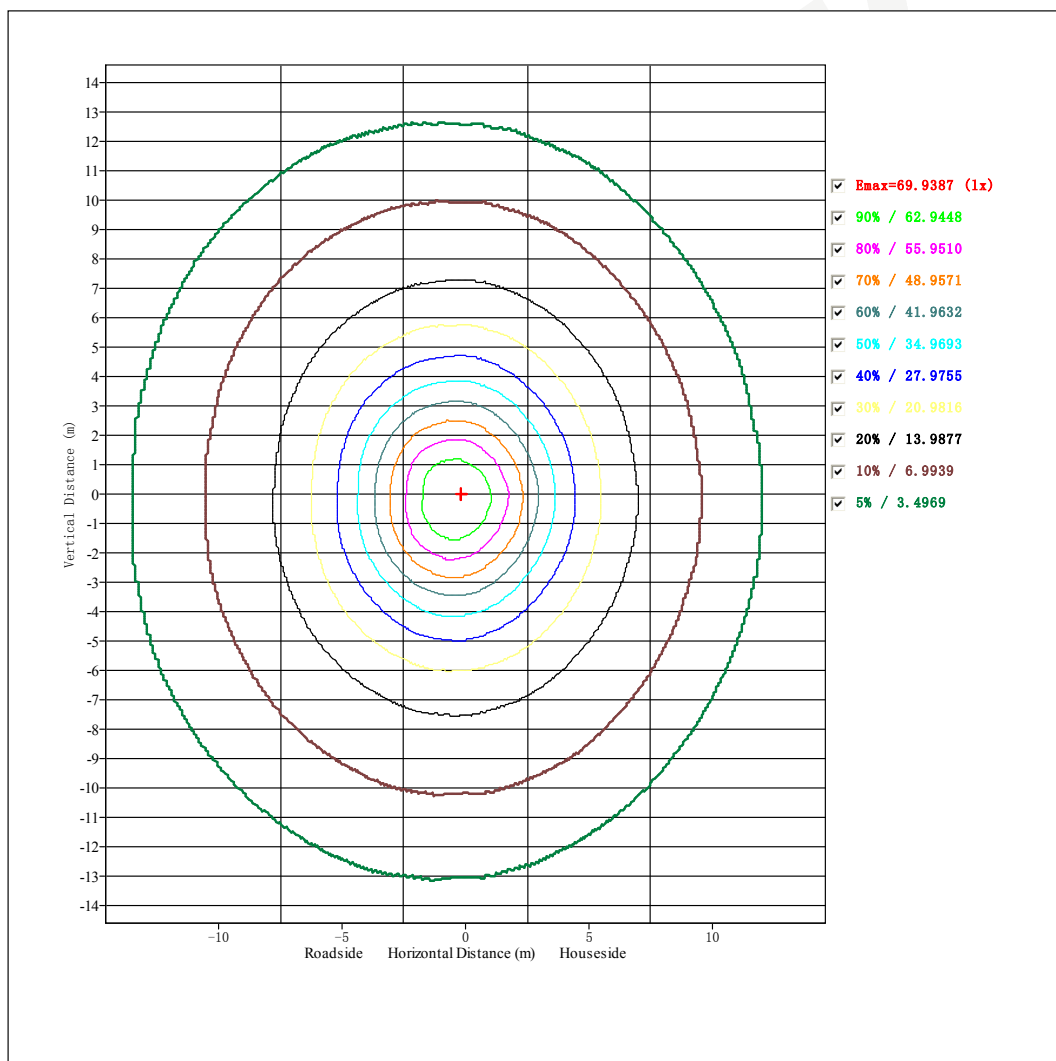
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.7V I: 286.0mA P: 60.80W PF: 0.968 Test LM: 8736.81lm		
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

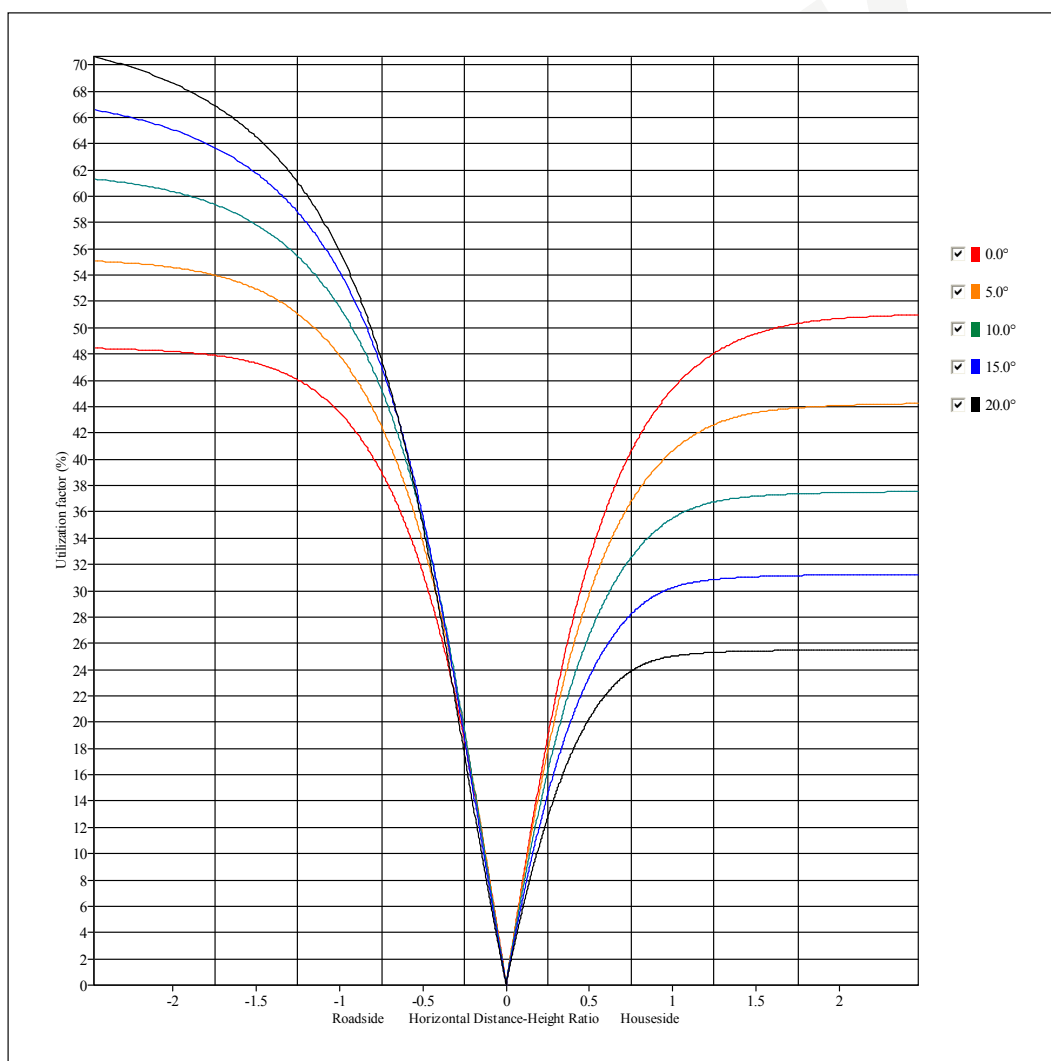
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.7V I: 286.0mA P: 60.80W PF: 0.968 Test LM: 8736.81lm		
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

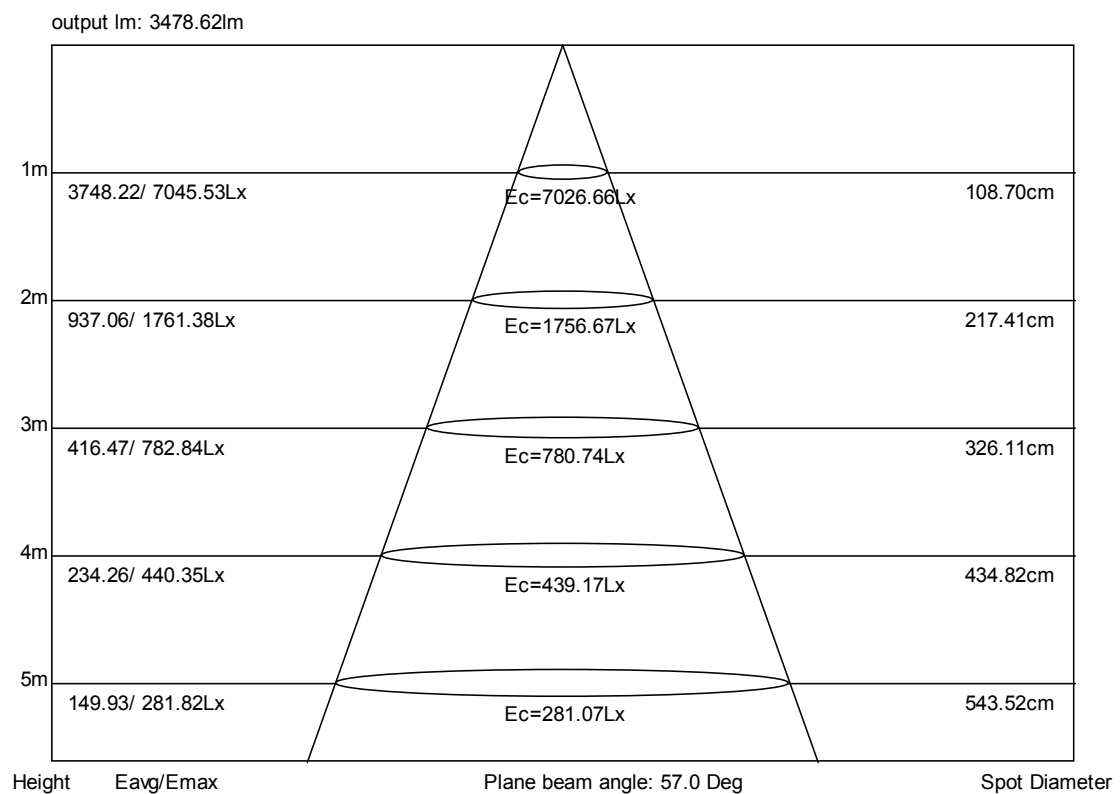
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.7V I: 286.0mA P: 60.80W PF: 0.968 Test LM: 8736.81lm		
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: 219.7V I: 286.0mA P: 60.80W PF: 0.968 Test LM: 8736.81lm		
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	6692	6686	6574	6775	6942	6972	6990	6799	0-5	164	164
10	5992	6010	5911	6208	6443	6493	6554	6212	5-10	464	628
15	5222	5218	5109	5410	5667	5716	5869	5428	10-15	690	1318
20	4451	4452	4349	4605	4860	4894	5017	4652	15-20	831	2149
25	3790	3794	3670	3916	4101	4100	4243	3942	20-25	900	3049
30	3225	3204	3102	3290	3468	3477	3568	3330	25-30	919	3968
35	2726	2715	2649	2788	2937	2945	3001	2820	30-35	905	4872
40	2317	2317	2241	2357	2466	2461	2530	2371	35-40	867	5739
45	1951	1952	1885	2005	2091	2059	2111	1989	40-45	811	6551
50	1563	1573	1504	1640	1737	1705	1752	1615	45-50	735	7286
55	1083	1100	1018	1217	1320	1296	1351	1182	50-55	615	7900
60	522	559	489	679	782	758	844	638	55-60	428	8328
65	194	240	183	281	296	278	308	236	60-65	221	8549
70	122	150	118	174	143	153	136	140	65-70	99.6	8648
75	61.4	70	55.4	78.6	81.7	72.2	79.4	63.6	70-75	55.4	8704
80	19.3	24.4	14.3	28.3	32.5	23.9	28.2	19.3	75-80	25.1	8729
85	1.81	2.46	1.34	3.99	4.31	2.36	2.9	1.91	80-85	7.17	8736
90	0.04	0.28	0.15	0.22	0.2	0.14	0.2	0.06	85-90	0.76	8737
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: 219.7V I: 286.0mA P: 60.80W PF: 0.968 Test LM: 8736.81lm		
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	6692	6689	6687	6649	6598	6618	6709	6793	6869	6942	6955	6969	6978	6986	6948	6861	6787	6738
10.0	5992	6000	6008	5977	5932	5976	6110	6234	6340	6443	6465	6487	6513	6540	6479	6324	6188	6088
15.0	5222	5220	5218	5182	5133	5175	5311	5438	5555	5667	5689	5711	5766	5835	5772	5572	5405	5312
20.0	4451	4452	4452	4418	4372	4405	4521	4633	4748	4860	4875	4891	4935	4990	4937	4772	4630	4539
25.0	3790	3791	3793	3753	3697	3724	3835	3937	4020	4101	4101	4100	4147	4212	4178	4041	3926	3856
30.0	3225	3216	3206	3170	3124	3143	3229	3310	3390	3468	3472	3476	3507	3548	3516	3408	3318	3271
35.0	2726	2721	2717	2693	2663	2679	2742	2804	2872	2937	2940	2944	2964	2989	2961	2879	2809	2767
40.0	2317	2317	2317	2292	2258	2267	2319	2369	2418	2466	2464	2462	2484	2515	2495	2423	2365	2341
45.0	1951	1951	1952	1930	1900	1912	1966	2015	2053	2091	2077	2062	2076	2100	2085	2029	1985	1968
50.0	1563	1568	1572	1550	1519	1534	1596	1651	1695	1737	1723	1709	1721	1742	1722	1660	1610	1586
55.0	1083	1090	1098	1073	1036	1062	1152	1228	1275	1320	1309	1299	1314	1339	1314	1238	1171	1127
60.0	522	538	555	536	504	531	617	690	737	782	771	761	786	825	799	706	625	573
65.0	194	214	235	221	195	204	249	283	290	296	288	280	287	301	292	260	231	212
70.0	122	135	147	140	125	130	156	171	157	143	147	152	147	140	137	139	138	130
75.0	61.4	65.2	69	65.2	58.6	60.5	71	79	80.4	81.7	77.6	73.3	74.6	77.8	75.9	68.8	63.4	62.4
80.0	19.3	21.5	23.8	21.1	16.5	17.4	23.7	28.7	30.7	32.5	28.7	24.8	25.3	27.2	26.2	22.2	19.3	19.3
85.0	1.81	2.09	2.39	2.09	1.58	1.92	3.12	4.02	4.17	4.31	3.46	2.58	2.54	2.78	2.68	2.24	1.9	1.85
90.0	0.04	0.14	0.25	0.24	0.18	0.17	0.2	0.22	0.21	0.2	0.17	0.14	0.16	0.18	0.17	0.1	0.06	0.05
95.0																		
100.0																		
105.0																		
110.0																		
115.0																		
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125.0																		
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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: