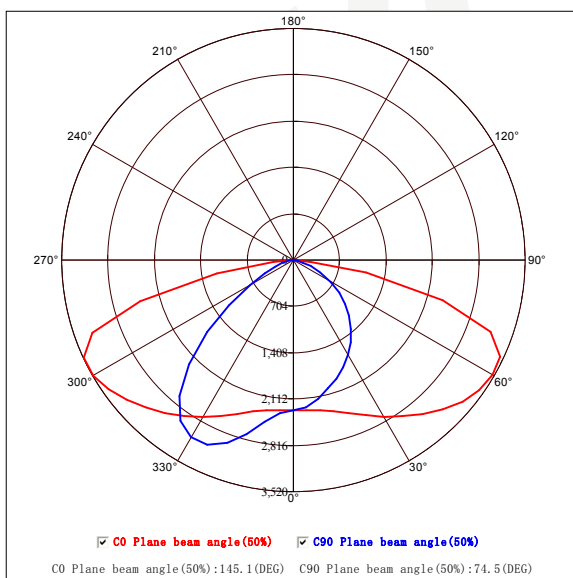


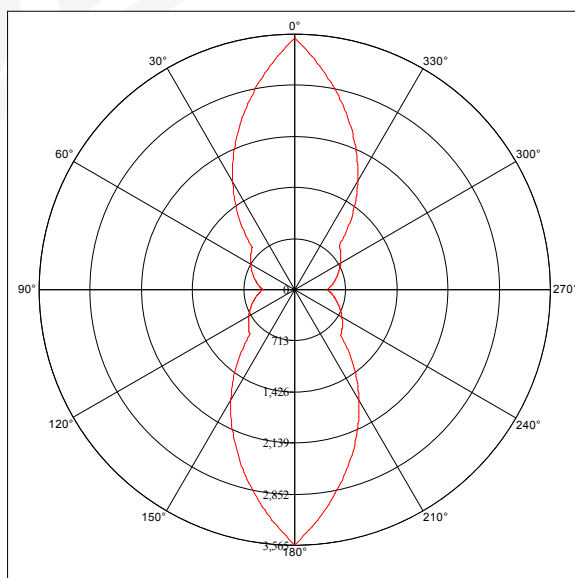
Goniophotometer Test Report

Measured Para U: 219.7V I: 287.0mA P: 60.90W PF: 0.966 Test LM: 8392.02lm						
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)	3468.2	Efficiency (lm/w)	137.8
Nominal P (w)		0.0	Position	180.0, 60.0	UP (C0-C180)	0.0
Rated Volt (v)		0.0	Total Flux (lm)	8392.02	Down (C0-C180)	43.6
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)	56.4

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

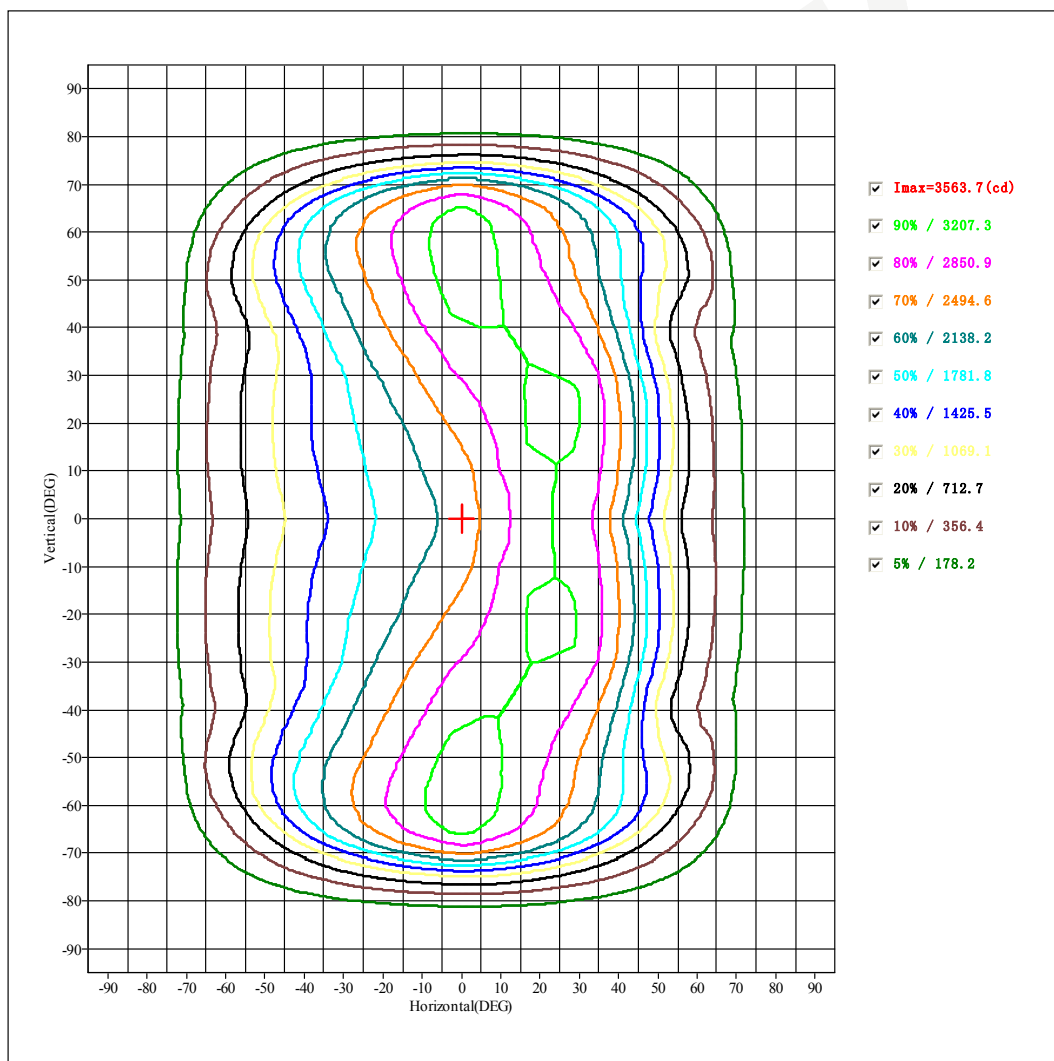
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.7V I: 287.0mA P: 60.90W PF: 0.966 Test LM: 8392.02lm		
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

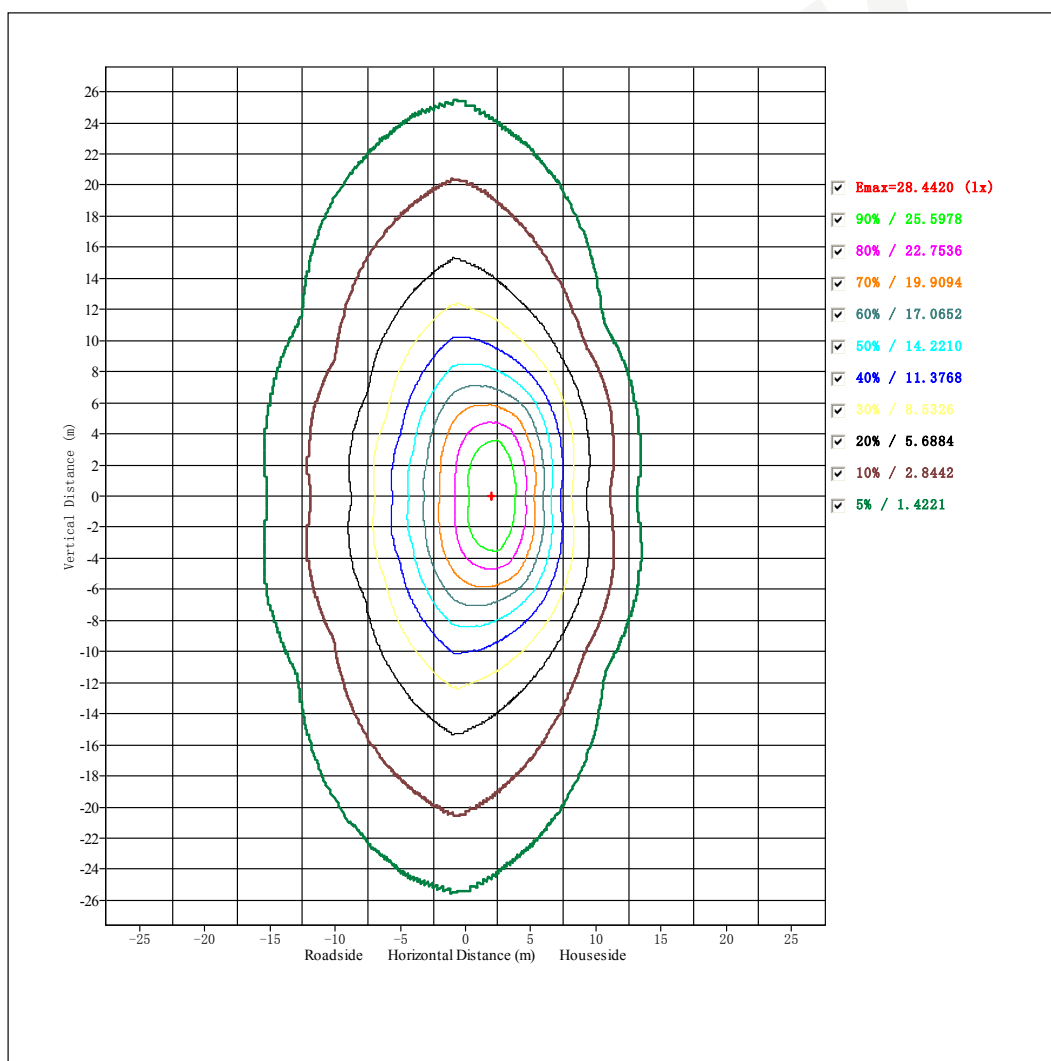
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.7V I: 287.0mA P: 60.90W PF: 0.966 Test LM: 8392.02lm		
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

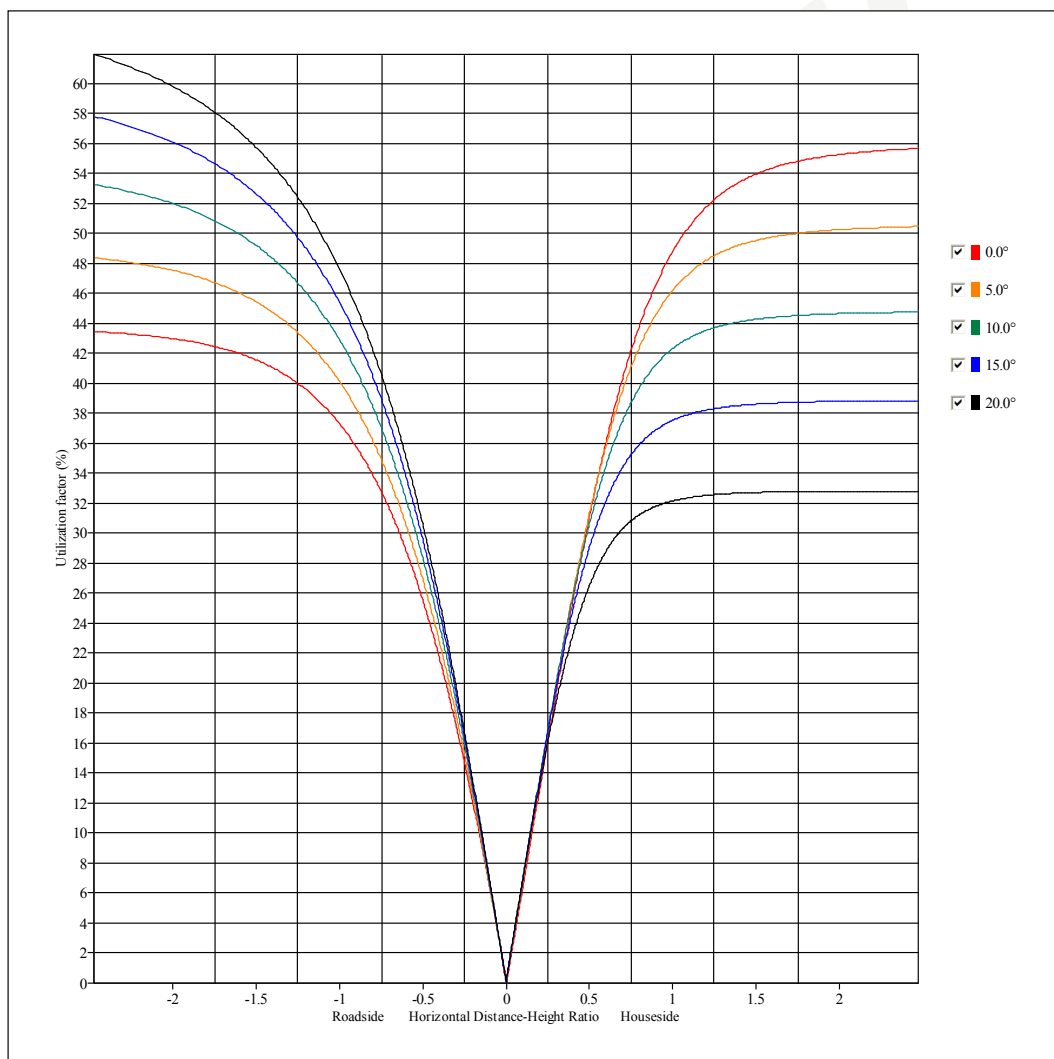
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.7V I: 287.0mA P: 60.90W PF: 0.966 Test LM: 8392.02lm		
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

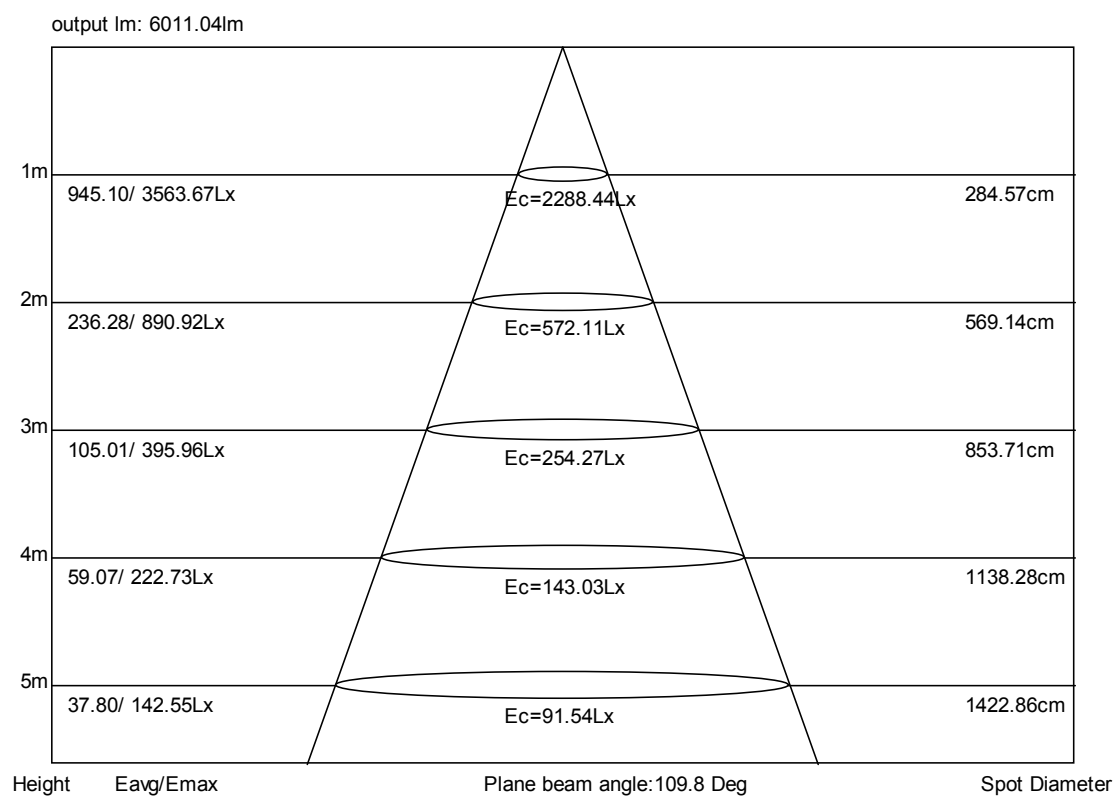
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.7V I: 287.0mA P: 60.90W PF: 0.966 Test LM: 8392.02lm		
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: 287.0mA P: 60.90W PF: 0.966 Test LM: 8392.02lm		
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	2302	2180	2123	2188	2297	2461	2484	2467	0-5	55.1	55.1
10	2364	2119	2021	2137	2377	2688	2739	2678	5-10	169	224
15	2478	2073	1921	2100	2486	2931	2976	2911	10-15	290	513
20	2601	2022	1804	2061	2620	3146	3129	3130	15-20	416	930
25	2748	1966	1678	2003	2747	3294	3151	3304	20-25	543	1473
30	2900	1890	1518	1934	2895	3386	3028	3410	25-30	662	2135
35	3048	1773	1365	1835	3048	3355	2739	3385	30-35	764	2899
40	3213	1658	1199	1699	3179	3165	2244	3224	35-40	837	3735
45	3372	1499	1034	1553	3307	2817	1702	2858	40-45	873	4608
50	3454	1315	866	1364	3431	2294	1172	2309	45-50	867	5475
55	3508	1090	662	1145	3522	1648	715	1631	50-55	818	6293
60	3515	839	447	888	3564	912	453	883	55-60	734	7026
65	3323	539	251	573	3396	414	274	381	60-65	627	7653
70	2572	268	150	288	2626	220	170	190	65-70	494	8148
75	916	126	64.6	125	1012	96	89.1	89.7	70-75	294	8441
80	73.8	40.7	25.4	42.3	97.3	30.2	33	28.8	75-80	96.5	8538
85	8.71	5.12	1.76	5.92	14.2	3.54	3.04	3	80-85	14.1	8552
90	2.41	0.42	0.18	0.38	2.04	0.23	0.22	0.22	85-90	1.76	8554
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: 287.0mA P: 60.90W PF: 0.966 Test LM: 8392.02lm		
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	2302	2248	2193	2161	2135	2137	2166	2200	2249	2297	2368	2443	2468	2479	2481	2473	2449	2374
10.0	2364	2257	2145	2087	2043	2047	2099	2163	2272	2377	2513	2654	2704	2728	2726	2698	2644	2502
15.0	2478	2301	2118	2023	1954	1960	2041	2142	2317	2486	2681	2882	2946	2966	2962	2932	2864	2667
20.0	2601	2348	2086	1951	1851	1860	1977	2122	2375	2620	2850	3088	3140	3133	3129	3129	3072	2832
25.0	2748	2406	2052	1872	1741	1749	1896	2084	2421	2747	2986	3234	3247	3182	3184	3254	3243	2991
30.0	2900	2458	2001	1768	1600	1609	1798	2040	2475	2895	3110	3332	3268	3106	3112	3285	3354	3123
35.0	3048	2490	1913	1639	1454	1468	1681	1968	2517	3048	3182	3322	3153	2874	2880	3173	3349	3196
40.0	3213	2533	1828	1507	1299	1309	1535	1861	2531	3179	3173	3167	2863	2446	2459	2903	3223	3218
45.0	3372	2553	1704	1346	1136	1148	1383	1744	2539	3307	3092	2870	2451	1946	1954	2478	2914	3147
50.0	3454	2518	1549	1167	964	975	1200	1590	2527	3431	2934	2419	1926	1417	1421	1936	2434	2953
55.0	3508	2450	1355	950	755	767	987	1405	2482	3522	2702	1853	1342	919	915	1331	1837	2687
60.0	3515	2344	1131	710	533	544	743	1181	2393	3564	2403	1202	761	553	547	742	1171	2363
65.0	3323	2105	843	445	314	322	467	881	2161	3396	2091	740	368	305	298	346	703	2036
70.0	2572	1564	520	230	176	181	243	544	1603	2626	1573	483	203	181	174	183	450	1530
75.0	916	571	213	106	78.1	77.9	105	222	624	1012	611	196	93.7	90.6	89.2	89.5	180	555
80.0	73.8	59.3	44.3	35.7	28.7	29.1	36.7	48.3	73.2	97.3	67.9	37.6	31.1	32.4	32.1	30.2	33.7	54.1
85.0	8.71	7.14	5.51	4.02	2.5	2.67	4.56	6.82	10.6	14.2	9.51	4.7	3.38	3.15	3.03	3.01	3.62	6.21
90.0	2.41	1.54	0.64	0.34	0.23	0.22	0.32	0.56	1.31	2.04	1.25	0.43	0.23	0.23	0.22	0.22	0.46	1.45
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)

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: