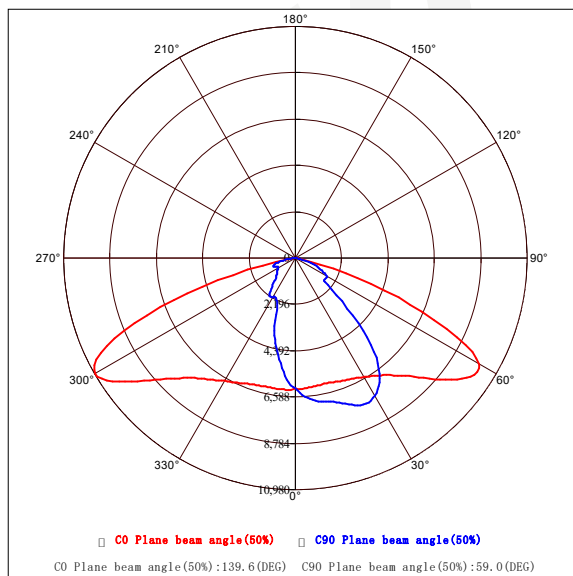


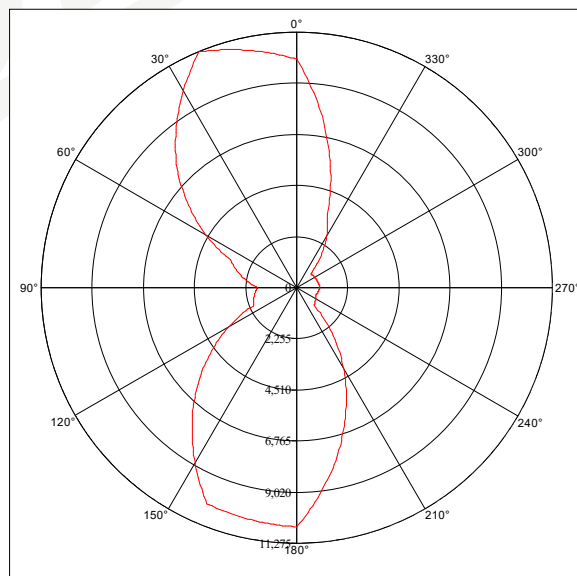
Goniophotometer Test Report

Measured Para U: 220.3V I: 634.0mA P: 138.10W PF: 0.988 Test LM: 20823.50lm						
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)	11272.2	Efficiency (lm/w)	150.8
Nominal P (w)		1.0	Position	22.5, 56.0	UP (C0-C180)	0.0
Rated Volt (v)		1.0	Total Flux (lm)	20823.497	Down (C0-C180)	65.7
Rated Flux (lm)		1.0	Up Flux Rate (%)	0.0	UP (C180-C360)	0.0
Illuminant QTY		1	Dw Flux Rate (%)	100.0	Down (C180-C360)	34.3

Planar Intensity Distribution Curve



Peak Point Conical surface Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 25

Tester:

Distance(m): 10.518

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

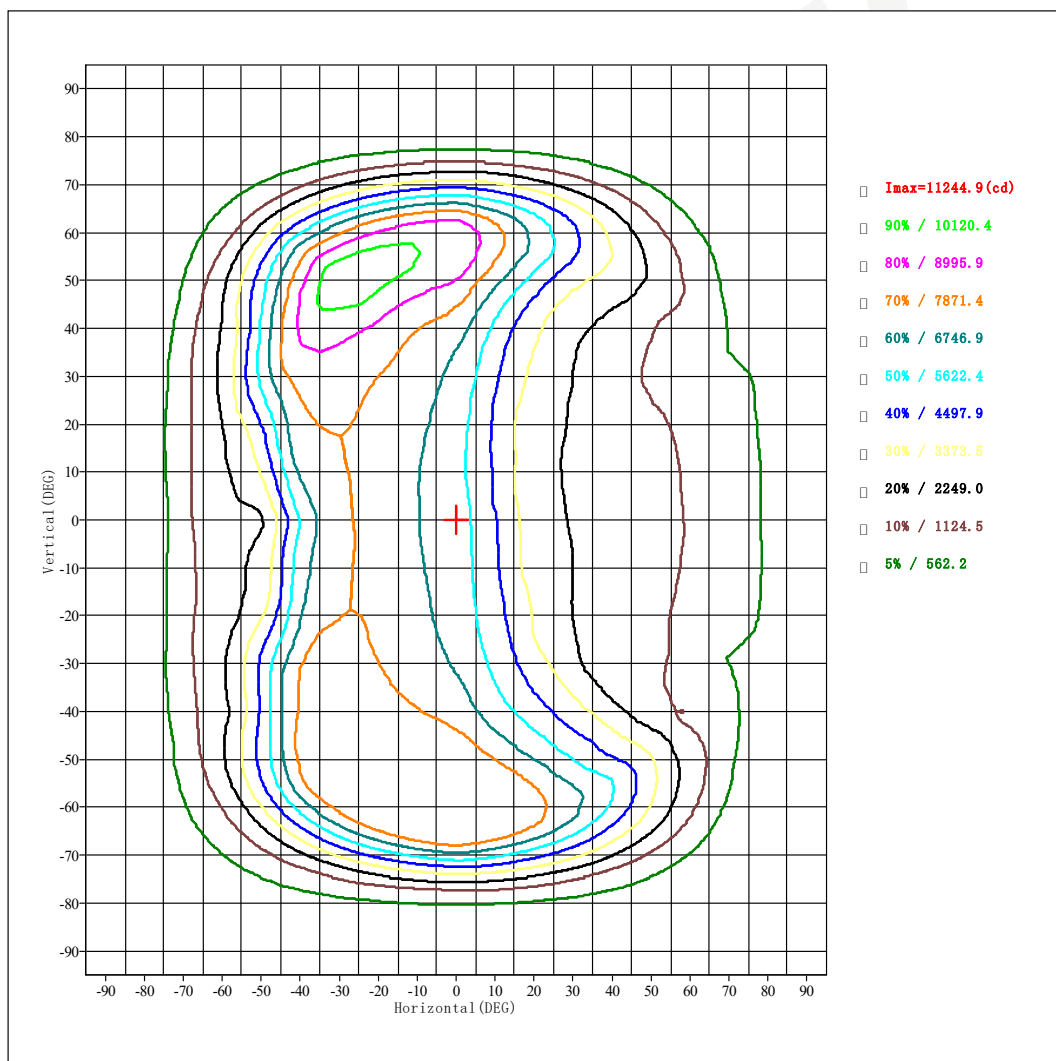
Humidity(%): 60

Date: 2023/1/17

Remark:

Measured Para U: 220.3V I: 634.0mA P: 138.10W PF: 0.988 Test LM: 20823.501m		
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): 1

Temperature(Deg): 25

Tester:

Distance(m): 10.518

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

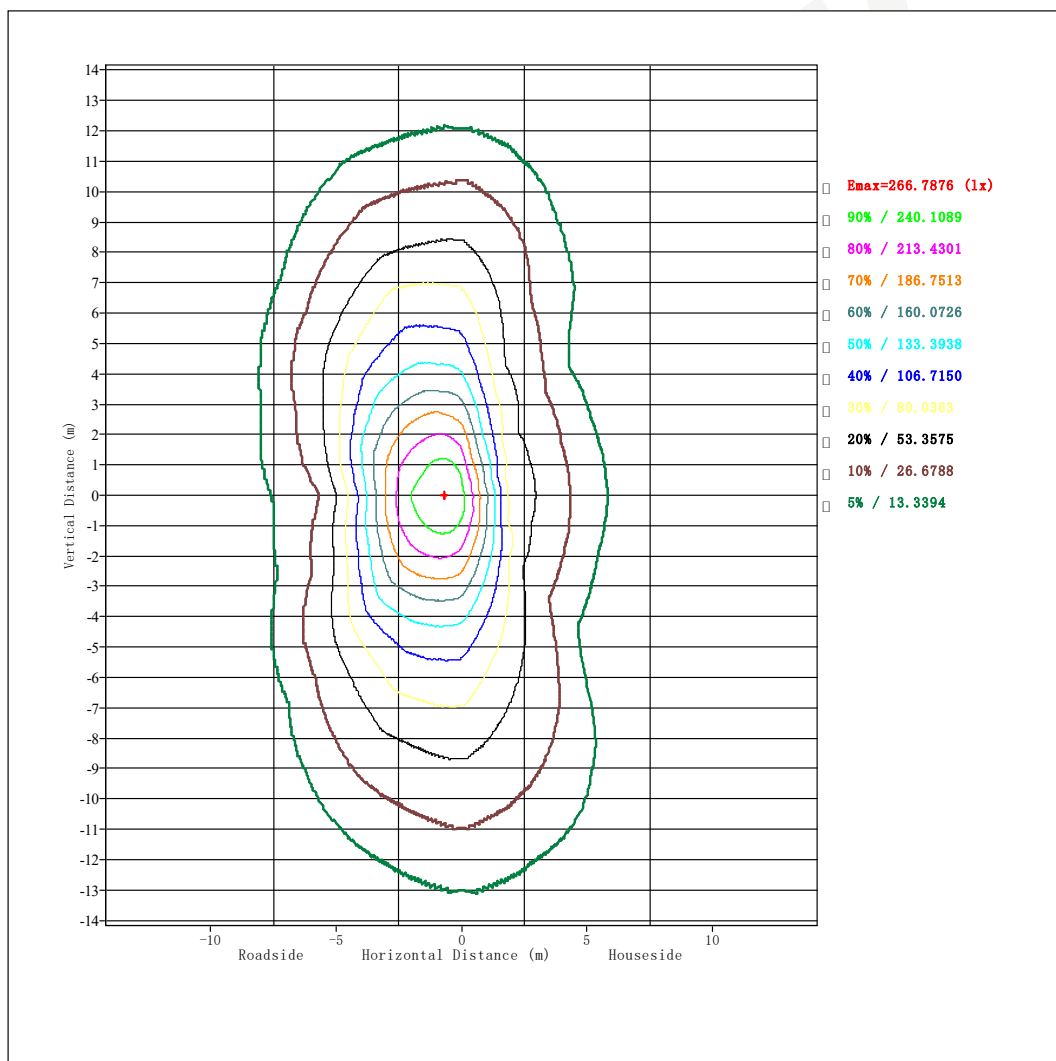
Humidity(%): 60

Date: 2023/1/17

Remark:

Measured Para U: 220.3V I: 634.0mA P: 138.10W PF: 0.988 Test LM: 20823.501m		
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): 1

Temperature(Deg): 25

Tester:

Distance(m): 10.518

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

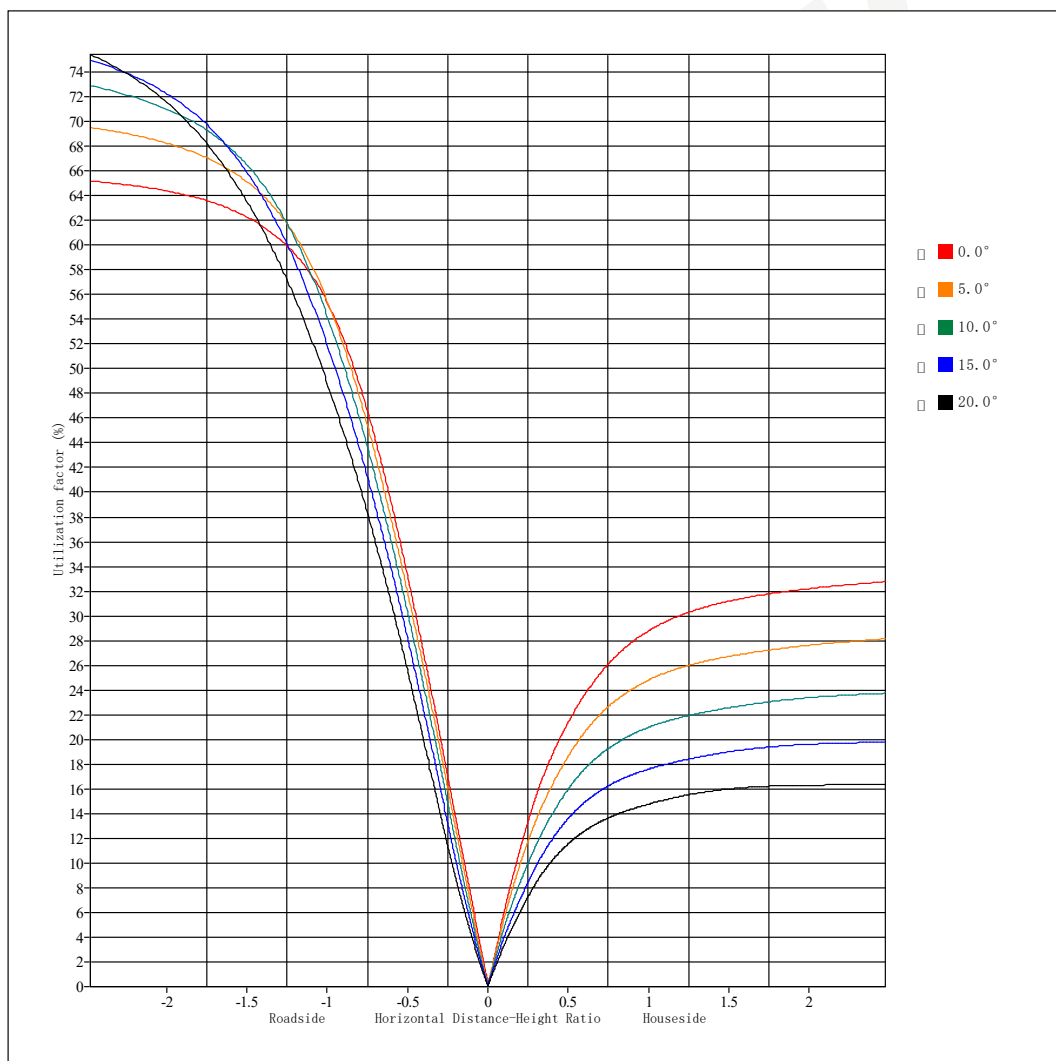
Humidity(%): 60

Date: 2023/1/17

Remark:

Measured Para U: 220.3V I: 634.0mA P: 138.10W PF: 0.988 Test LM: 20823.50lm		
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): 1

Temperature(Deg): 25

Tester:

Distance(m): 10.518

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

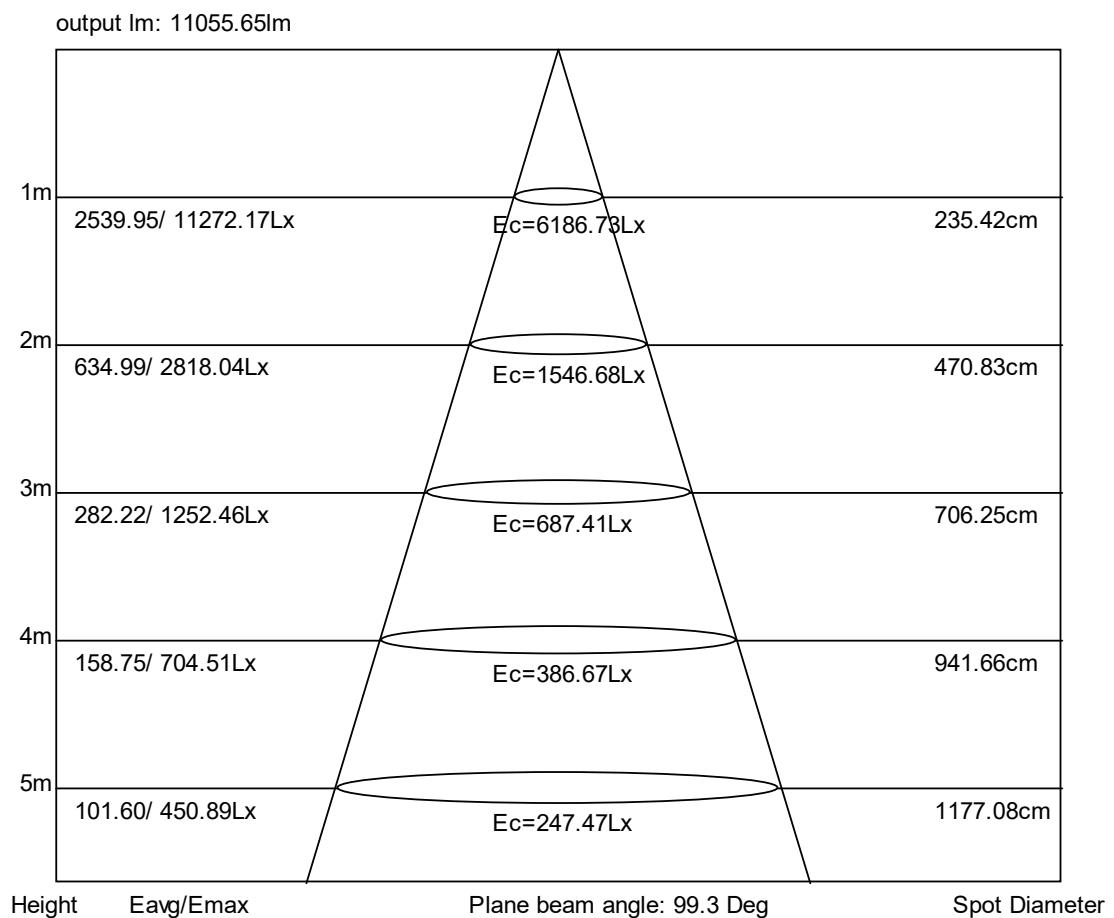
Humidity(%): 60

Date: 2023/1/17

Remark:

Measured Para U: 220.3V I: 634.0mA P: 138.10W PF: 0.988 Test LM: 20823.50lm		
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): 1

Temperature(Deg): 25

Tester:

Distance(m): 10.518

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

Humidity(%): 60

Date: 2023/1/17

Remark:

Measured Para U: 220.3V I: 634.0mA P: 138.10W PF: 0.988 Test LM: 20823.50lm		
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	6178	6551	6686	6567	6262	5806	5516	5649	0-5	147	147
10	6129	6734	6942	6794	6246	5221	4586	4928	5-10	430	577
15	6133	6865	7078	6895	6276	4572	3718	4222	10-15	687	1263
20	6216	7044	7403	7093	6370	4041	2475	3553	15-20	917	2180
25	6337	7285	7670	7410	6538	3483	2128	2680	20-25	1136	3316
30	6531	7593	7494	7798	6755	2762	2143	2224	25-30	1367	4683
35	6839	7940	6886	8151	7068	2313	2092	2056	30-35	1596	6278
40	7335	8358	5646	8526	7471	2034	1616	1968	35-40	1795	8074
45	8039	8845	3637	8642	8124	1736	1264	1648	40-45	1947	10020
50	9082	8821	1888	8118	9133	1467	1137	1201	45-50	2037	12057
55	9972	7850	1732	6630	10325	1144	1045	917	50-55	2135	14192
60	9971	5585	1719	4306	10961	872	931	746	55-60	2158	16351
65	7554	3142	1260	2482	9610	694	1012	610	60-65	1917	18268
70	4139	1626	918	1421	6482	587	1127	503	65-70	1431	19699
75	920	700	261	729	2697	386	896	491	70-75	787	20486
80	101	161	93.8	234	225	217	480	307	75-80	260	20746
85	14.7	17	18.6	43.8	68.3	87.9	30.6	72.2	80-85	69.8	20816
90	0.76	0.35	0.49	0.44	1.92	3.73	0.61	1.15	85-90	8	20824
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): 1

Temperature (Deg): 25

Tester:

Distance (m): 10.518

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180 (Deg)

C interval (Deg): 22.5

Humidity (%): 60

Date: 2023/1/17

Remark:

Measured Para U: 220.3V I: 634.0mA P: 138.10W PF: 0.988 Test LM: 20823.50lm		
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	6178	6350	6513	6579	6646	6644	6582	6523	6353	6262	6019	5845	5605	5509	5453	5467	5675	5820
10.0	6129	6456	6683	6811	6902	6918	6856	6737	6497	6246	5768	5325	4845	4613	4543	4639	5022	5455
15.0	6133	6574	6815	6913	7017	7051	6974	6852	6645	6276	5529	4758	4108	3782	3681	3836	4380	5094
20.0	6216	6752	6997	7113	7292	7340	7202	7044	6808	6370	5332	4291	3236	2623	2469	2837	3778	4787
25.0	6337	6949	7231	7425	7594	7642	7539	7334	6999	6538	5182	3812	2659	2172	2133	2325	3035	4557
30.0	6531	7207	7530	7713	7617	7590	7742	7691	7239	6755	5097	3221	2309	2111	2143	2171	2630	4387
35.0	6839	7553	7878	7875	7304	7155	7724	8039	7566	7068	5071	2854	2108	2052	2082	2064	2433	4163
40.0	7335	8030	8308	8036	6618	6184	7442	8416	7952	7471	5160	2646	1838	1668	1610	1729	2301	3971
45.0	8039	8825	8865	7429	4971	4413	6522	8630	8532	8124	5438	2462	1437	1271	1243	1365	2010	3892
50.0	9082	9979	9102	6228	3193	2547	5019	8391	9338	9133	5770	2303	1181	1091	1106	1113	1662	4029
55.0	9972	11k	8591	4881	2429	1942	3731	7416	10k	10k	6221	2127	996	990	1008	945	1485	4322
60.0	9971	9989	6549	3524	2037	1739	2638	5489	9870	11k	6530	1971	837	882	909	834	1401	4517
65.0	7554	7331	4051	2125	1405	1296	1735	3527	7551	9610	6430	1849	808	949	1016	880	1229	3954
70.0	4139	3848	2103	1193	939	937	1119	2029	4485	6482	4315	1334	842	1061	1107	882	845	2325
75.0	920	759	708	570	366	364	576	861	1502	2697	1901	693	662	857	857	698	507	608
80.0	101	141	157	161	123	114	172	249	293	225	237	222	349	452	435	353	266	120
85.0	14.7	24.8	19	26.4	24.2	29.1	43	48.4	65.2	68.3	52.7	79.7	85.6	54.1	33.1	48.7	60.6	18.8
90.0	0.76	0.87	0.47	0.61	0.6	0.63	0.68	0.55	1.04	1.92	2.16	3.39	1.66	0.6	0.53	0.67	1.21	1.34
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): 1

Temperature(Deg): 25

Tester:

Distance(m): 10.518

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

Humidity(%): 60

Date: 2023/1/17

Remark: