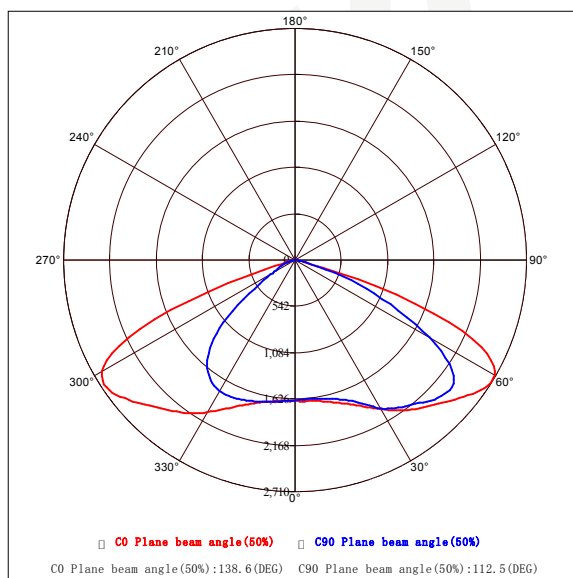


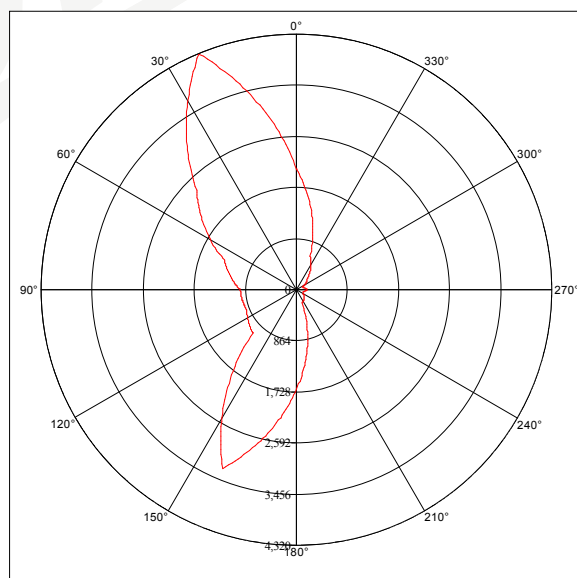
Goniophotometer Test Report

Measured Para U: 239.1V I: 255.0mA P: 59.86W PF: 0.980 Test LM: 7865.23lm						
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)	4315.8	Efficiency(lm/w)	131.4
Nominal P(w)		0.0	Position	22.5, 67.0	UP (C0-C180)	0.0
Rated Volt(v)		0.0	Total Flux(lm)	7865.234	Down (C0-C180)	64.1
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)	35.9

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): 11.5

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

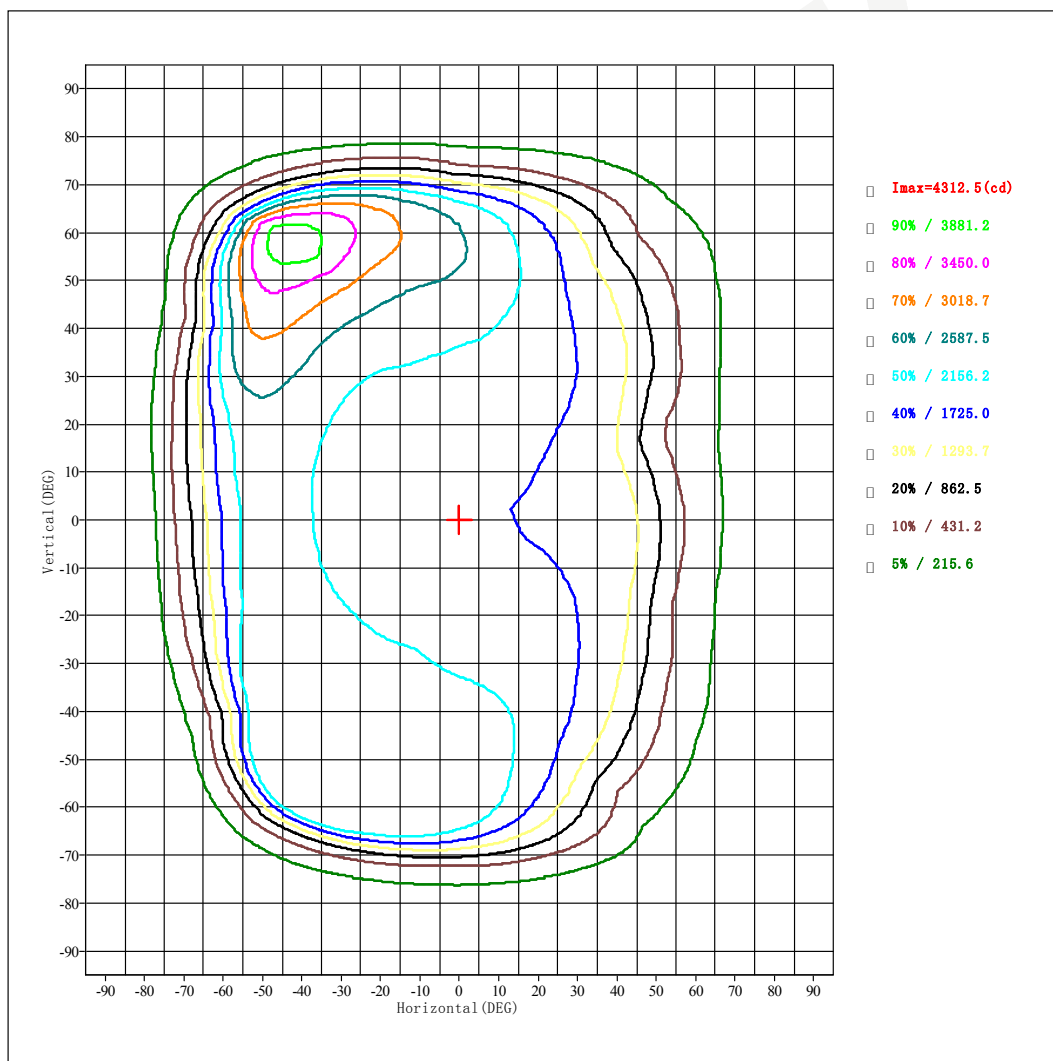
Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 239.1V I: 255.0mA P: 59.86W PF: 0.980 Test LM: 7865.23lm		
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): 11.5

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

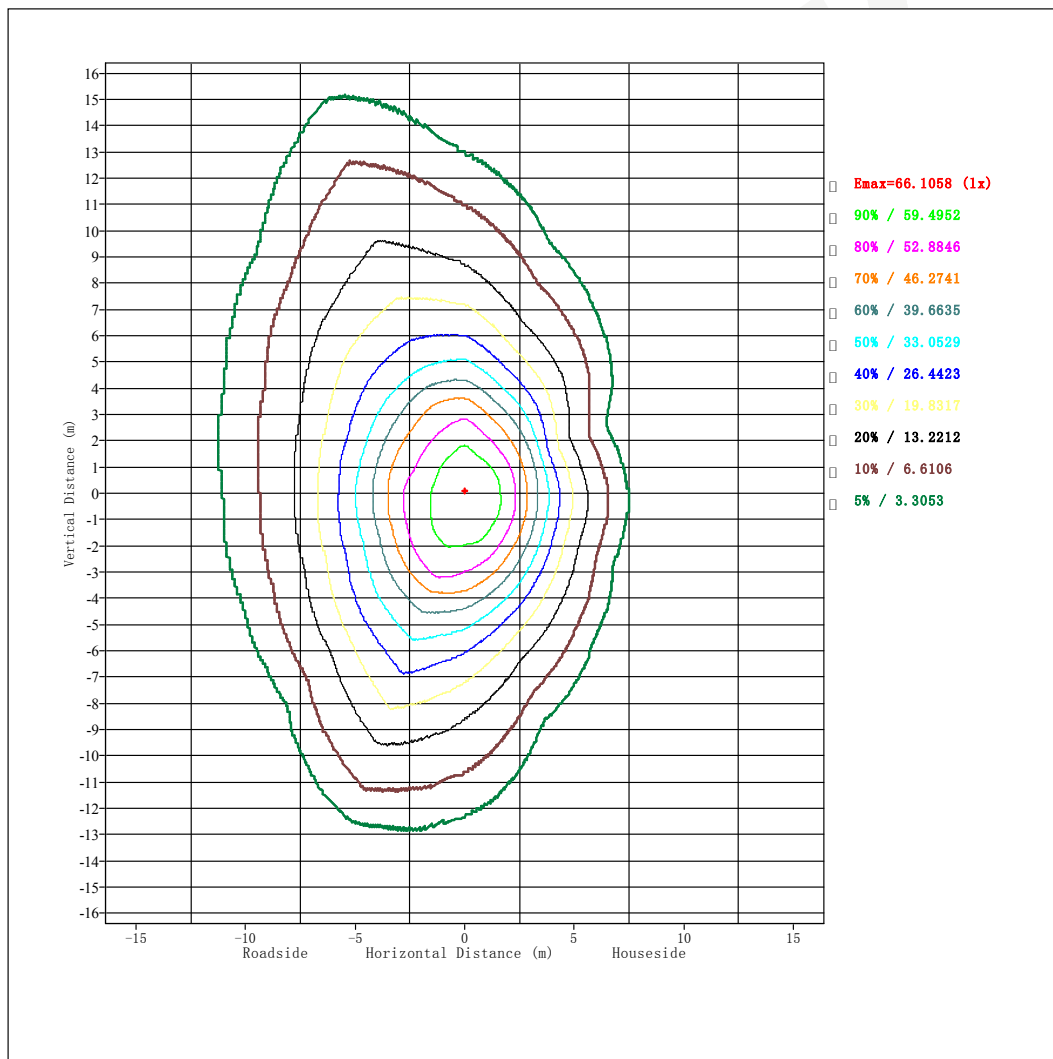
Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 239.1V I: 255.0mA P: 59.86W PF: 0.980 Test LM: 7865.23lm		
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): 11.5

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

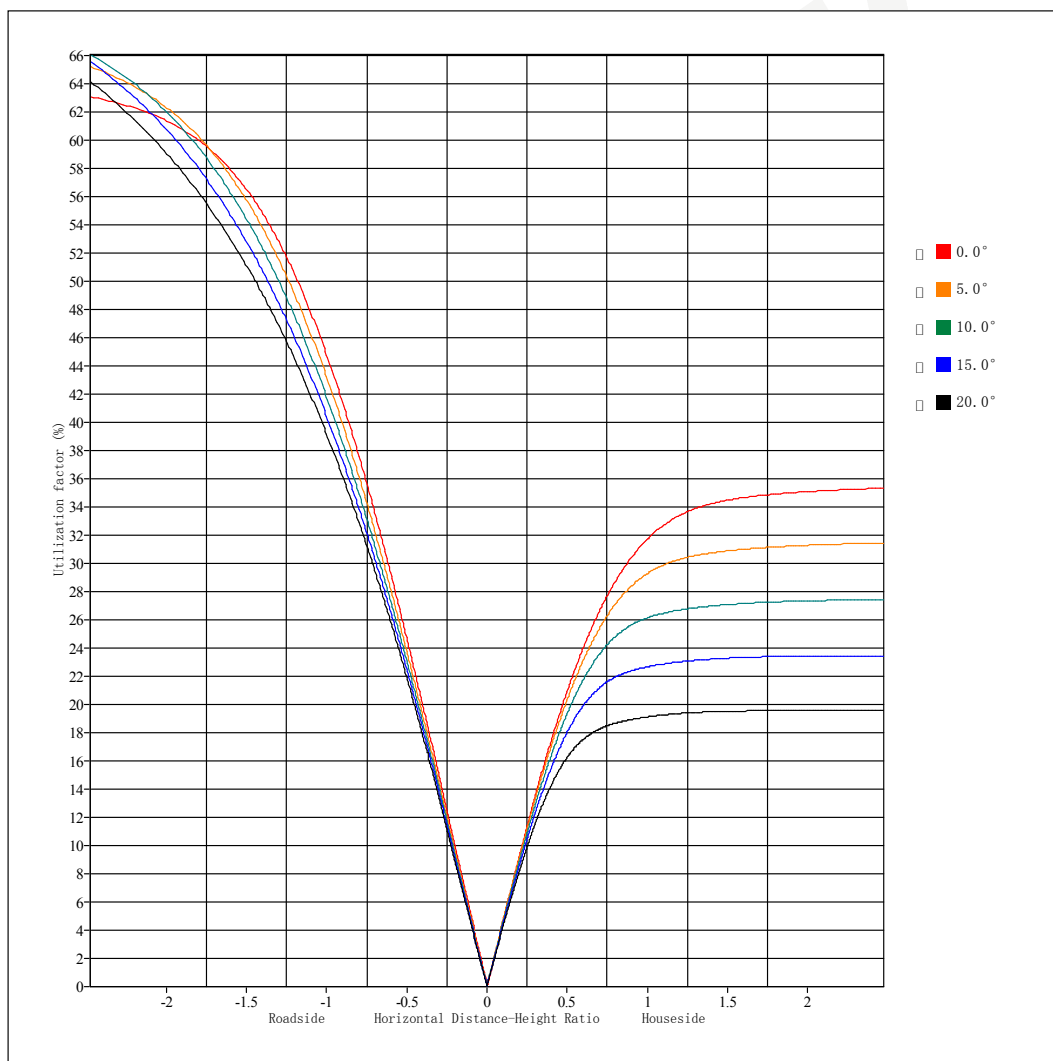
Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 239.1V I: 255.0mA P: 59.86W PF: 0.980 Test LM: 7865.23lm		
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): 11.5

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

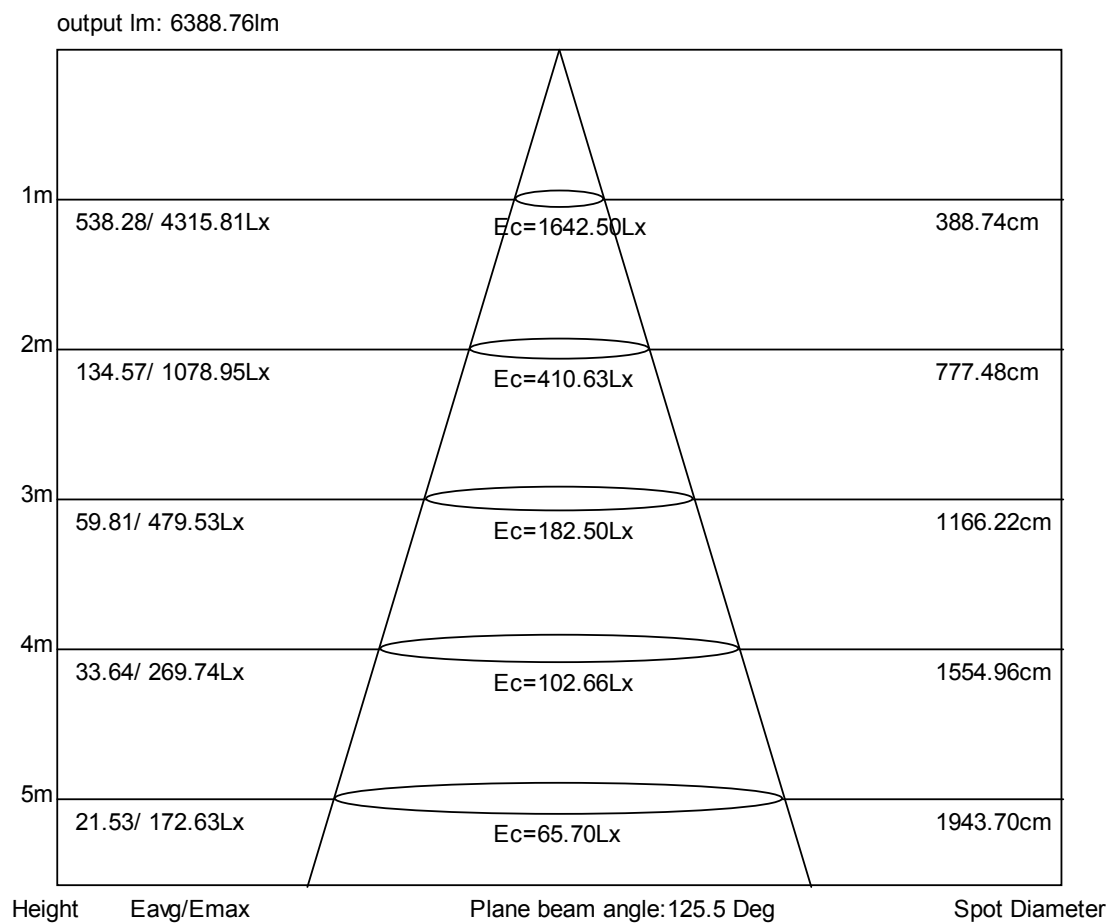
Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 239.1V I: 255.0mA P: 59.86W PF: 0.980 Test LM: 7865.23lm		
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): 11.5

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 239.1V I: 255.0mA P: 59.86W PF: 0.980 Test LM: 7865.23lm		
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	1659	1639	1633	1646	1658	1661	1658	1646	0-5	39.4	39.4
10	1679	1647	1648	1673	1683	1691	1691	1672	5-10	119	158
15	1728	1677	1684	1729	1736	1730	1718	1695	10-15	201	359
20	1801	1729	1748	1821	1818	1779	1748	1724	15-20	287	646
25	1901	1811	1869	1948	1934	1825	1773	1763	20-25	379	1025
30	2027	1924	2023	2115	2070	1846	1766	1792	25-30	480	1505
35	2164	2083	2118	2260	2201	1833	1711	1800	30-35	585	2090
40	2272	2214	2208	2402	2305	1765	1583	1761	35-40	679	2769
45	2387	2365	2314	2612	2425	1607	1355	1656	40-45	759	3528
50	2528	2598	2365	2882	2559	1328	985	1465	45-50	828	4356
55	2667	2894	2219	3022	2663	901	537	1153	50-55	875	5231
60	2689	3075	1767	2620	2590	432	288	721	55-60	875	6106
65	2348	2748	1170	1563	2072	214	206	340	60-65	794	6900
70	1387	1661	657	438	952	138	139	199	65-70	587	7487
75	260	427	176	84.3	127	75.3	77.4	129	70-75	286	7773
80	59.7	77.5	63.5	27.9	40.4	21.9	20.7	47.5	75-80	74.4	7848
85	9.83	23.8	11.7	0.94	3.6	1.22	1.69	17.2	80-85	15.5	7863
90	0.03	1.03	0.52	0.36	0.63	0.73	0.46	0.54	85-90	2.18	7865
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): 11.5

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 239.1V I: 255.0mA P: 59.86W PF: 0.980 Test LM: 7865.23lm		
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	1659	1649	1641	1636	1634	1635	1640	1646	1649	1658	1663	1661	1665	1662	1658	1654	1645	1644
10.0	1679	1660	1649	1643	1645	1650	1660	1674	1681	1683	1693	1692	1696	1694	1689	1682	1669	1660
15.0	1728	1695	1680	1670	1676	1688	1705	1733	1745	1736	1747	1734	1731	1724	1716	1707	1693	1692
20.0	1801	1758	1734	1719	1733	1755	1785	1826	1839	1818	1821	1788	1774	1758	1745	1735	1726	1742
25.0	1901	1850	1818	1803	1838	1875	1906	1954	1973	1934	1905	1841	1806	1783	1770	1766	1770	1810
30.0	2027	1974	1933	1936	1987	2028	2063	2133	2182	2070	1982	1873	1808	1776	1766	1775	1808	1886
35.0	2164	2159	2099	2085	2104	2127	2181	2288	2362	2201	2035	1872	1764	1718	1714	1746	1826	1953
40.0	2272	2329	2241	2192	2195	2214	2283	2423	2472	2305	2052	1820	1647	1584	1512	1538	1802	1992
45.0	2387	2407	2375	2304	2296	2324	2432	2647	2729	2425	2024	1685	1427	1345	1248	1297	1718	1996
50.0	2528	2648	2612	2452	2370	2395	2587	2944	3091	2559	1913	1436	1073	965	847	943	1551	1941
55.0	2667	3012	2931	2582	2306	2269	2571	3169	3566	2663	1657	1035	613	504	443	607	1267	1798
60.0	2689	3487	3190	2473	1938	1806	2118	2966	4001	2590	1201	556	287	254	237	361	855	1502
65.0	2348	3974	3067	1994	1358	1171	1307	2071	3657	2072	610	255	162	175	170	198	446	1016
70.0	1387	3802	2205	1177	774	618	522	735	1693	952	249	140	103	116	117	127	228	462
75.0	260	1895	799	385	258	157	117	113	206	127	81.6	75.3	55	62.9	67.4	80.1	127	137
80.0	59.7	208	111	86.3	75.5	59.2	44.8	28.3	31.1	40.4	21.8	21.3	14.1	16	17	24.4	53.1	71.6
85.0	9.83	30.2	25.8	30.3	21.3	10.4	6.03	1.24	2.45	3.6	1.34	1.18	0.61	1.08	1.71	7.06	18.1	19.9
90.0	0.03	0.55	0.94	1.24	0.88	0.55	0.5	0.65	1.56	0.63	1.27	0.87	0.33	0.31	0.31	0.26	0.73	1.25
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): 1

Temperature (Deg): 25

Tester:

Distance (m): 11.5

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180 (Deg)

C interval (Deg): 22.5

Humidity (%): 60

Date: 2023/7/5

Remark: