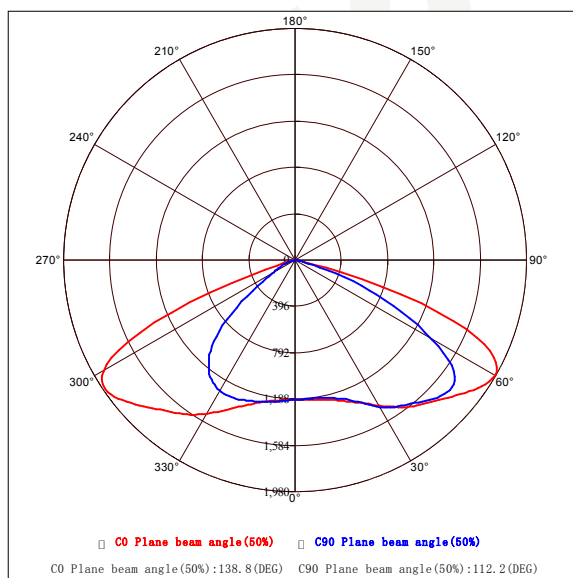


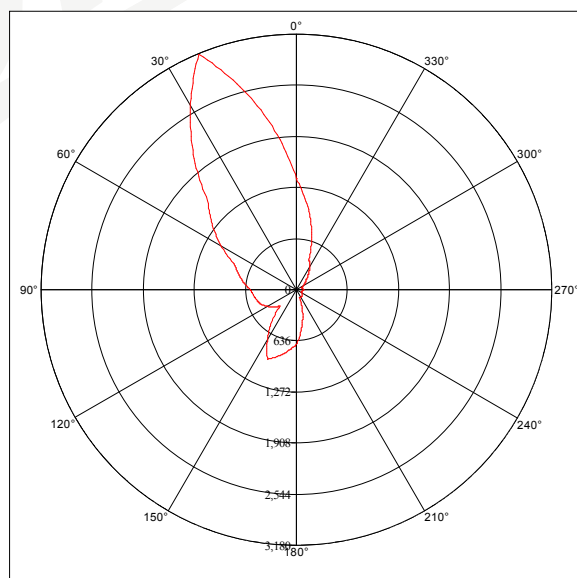
Goniophotometer Test Report

Measured Para U: 228.9V I: 189.0mA P: 42.10W PF: 0.972 Test LM: 5737.19lm						
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)	3177.1	Efficiency(lm/w)	136.3
Nominal P(w)		0.0	Position	22.5, 69.0	UP(C0-C180)	0.0
Rated Volt(v)		0.0	Total Flux(lm)	5737.193	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): 11.6

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

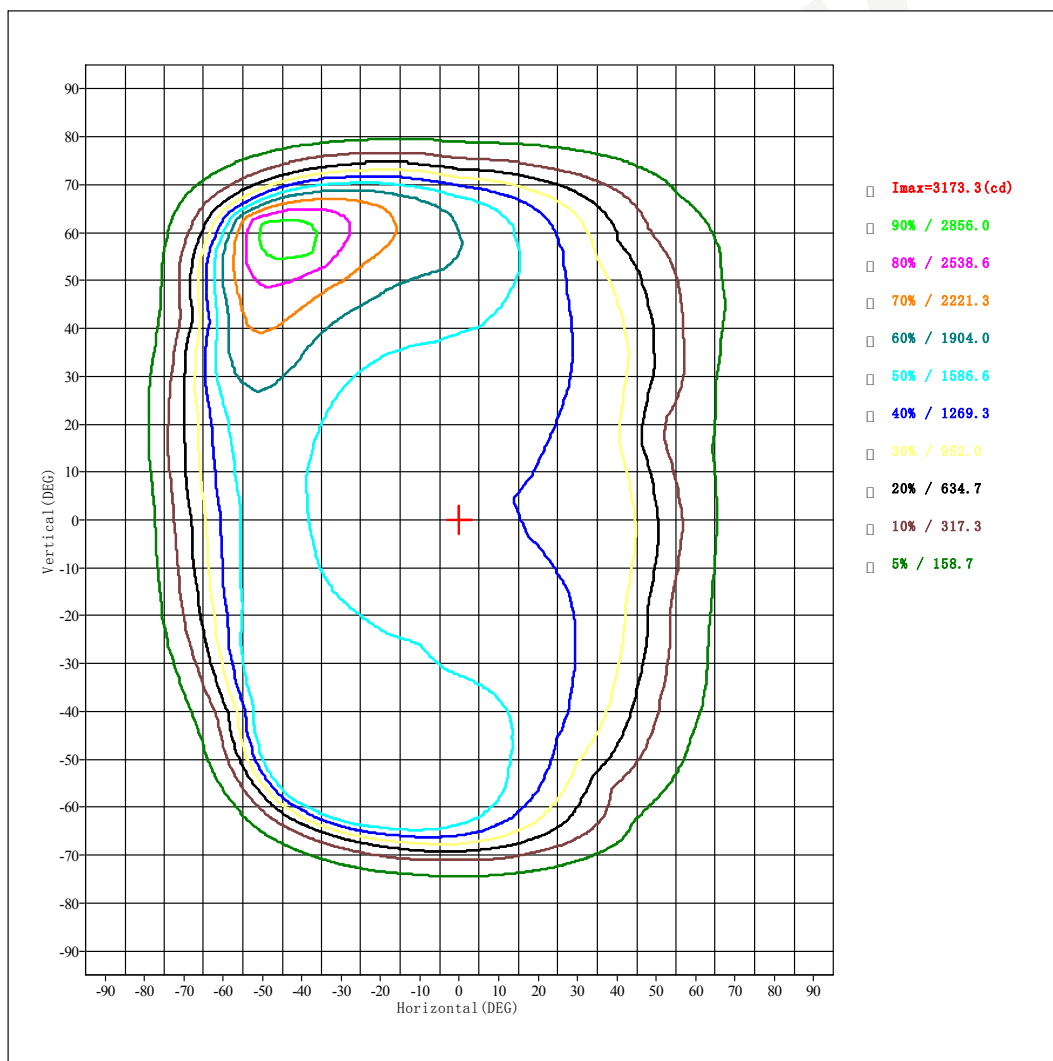
Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 228.9V I: 189.0mA P: 42.10W PF: 0.972 Test LM: 5737.19lm		
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): 1

Temperature(Deg): 25

Tester:

Distance(m): 11.6

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

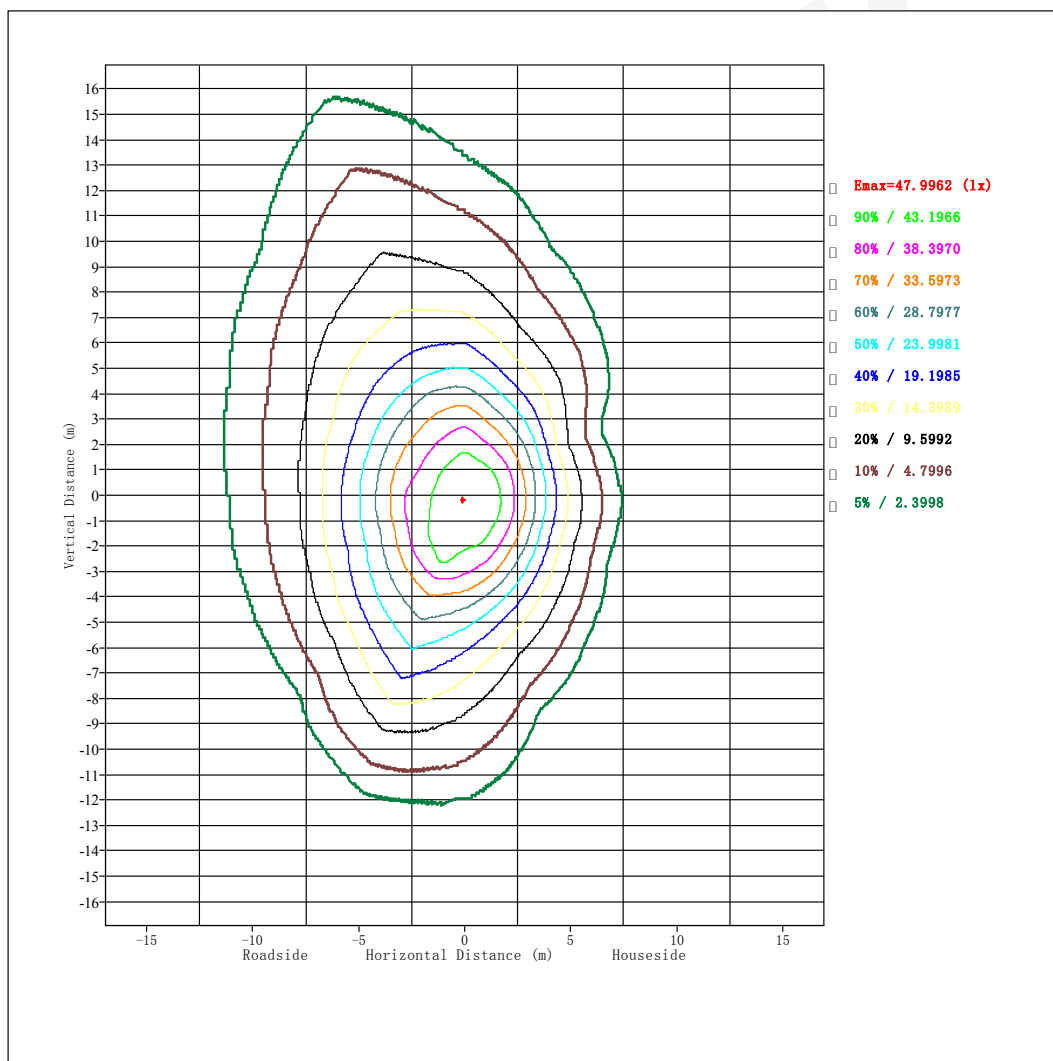
Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 228.9V I: 189.0mA P: 42.10W PF: 0.972 Test LM: 5737.19lm		
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): 1

Temperature(Deg): 25

Tester:

Distance(m): 11.6

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

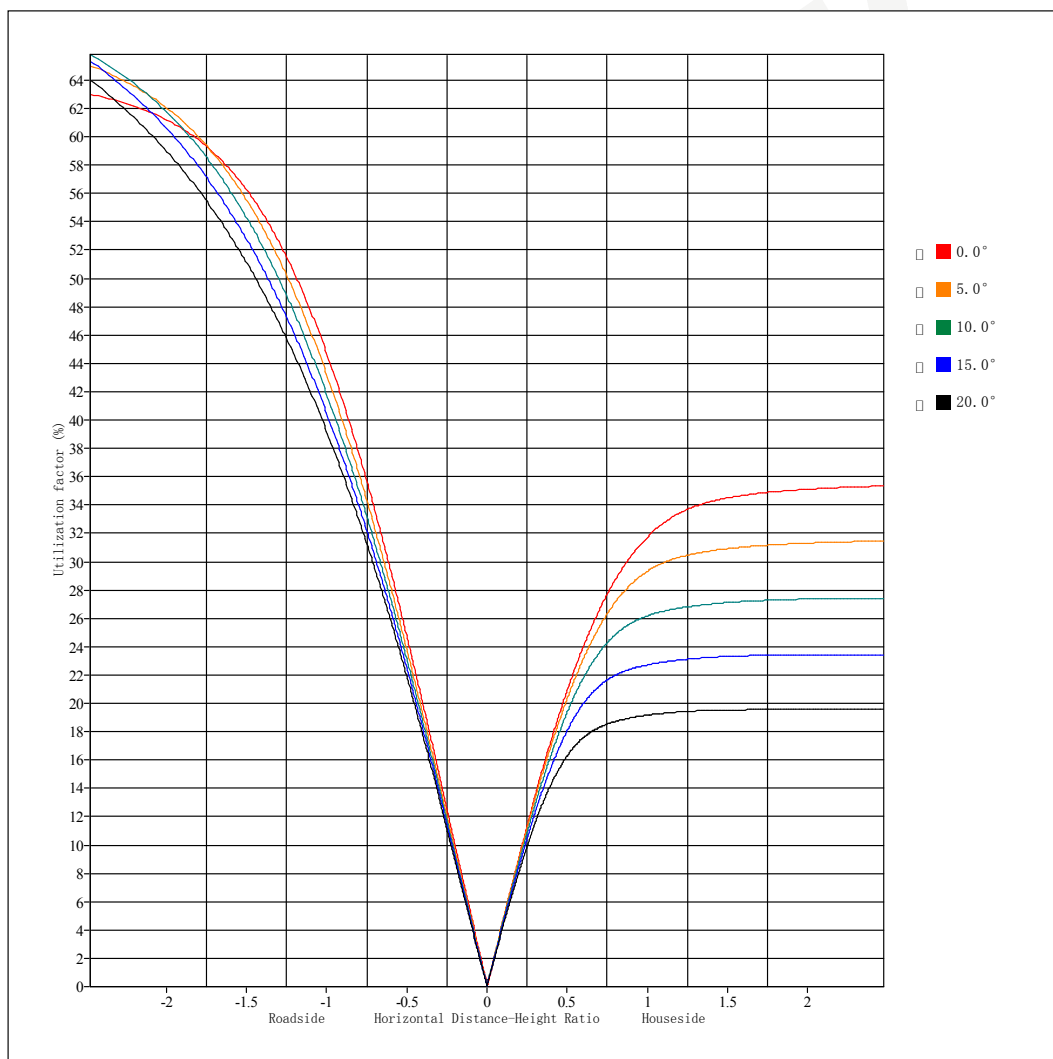
Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 228.9V I: 189.0mA P: 42.10W PF: 0.972 Test LM: 5737.19lm		
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): 1

Temperature(Deg): 25

Tester:

Distance(m): 11.6

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

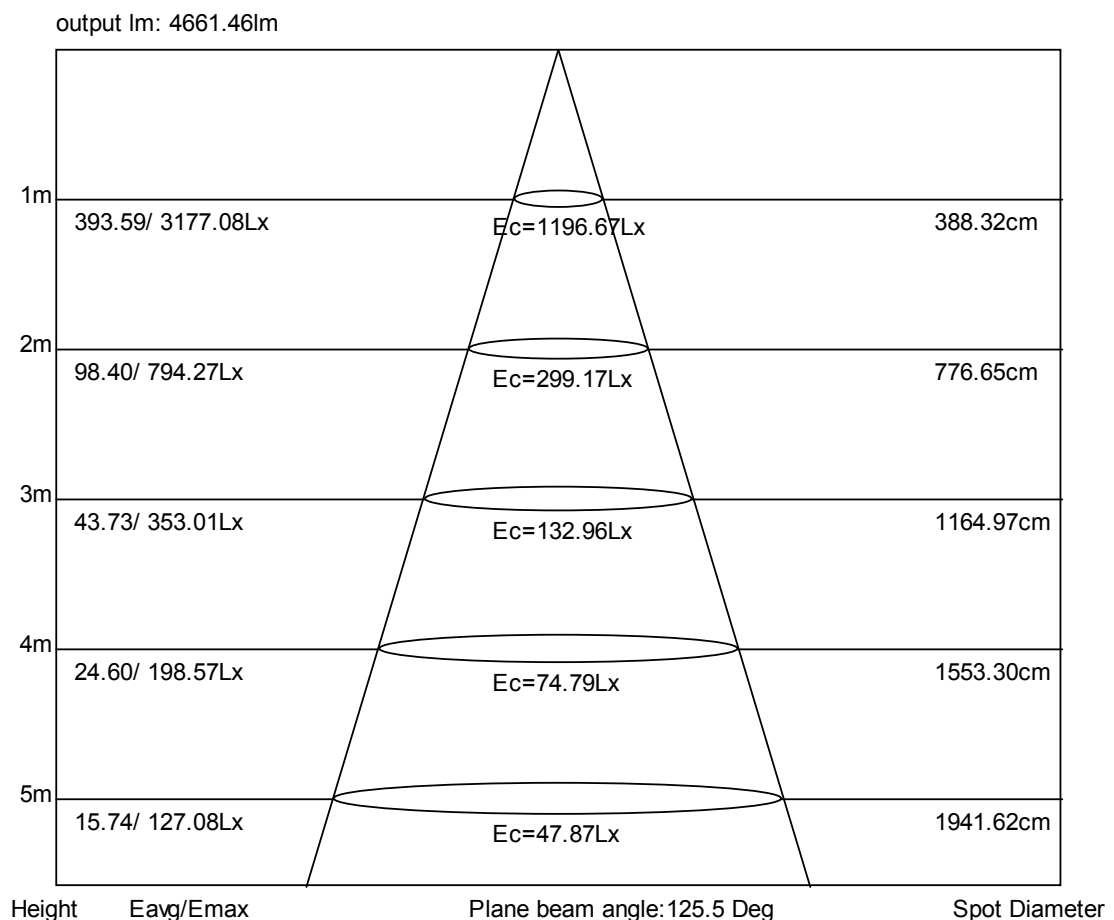
Humidity(%): 60

Date: 2023/7/5

Remark:

Measured Para U: 228.9V I: 189.0mA P: 42.10W PF: 0.972 Test LM: 5737.19lm		
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): 1

Temperature(Deg): 25

Tester:

Distance(m): 11.6

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: 228.9V I: 189.0mA P: 42.10W PF: 0.972 Test LM: 5737.19lm		
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	1200	1189	1191	1210	1204	1208	1210	1203	0-5	28.7	28.7
10	1213	1193	1199	1236	1227	1232	1233	1220	5-10	86.7	115
15	1241	1213	1225	1283	1271	1264	1255	1239	10-15	146	262
20	1290	1247	1271	1356	1336	1302	1278	1254	15-20	209	471
25	1357	1301	1356	1456	1427	1335	1294	1278	20-25	277	748
30	1446	1378	1467	1584	1527	1351	1287	1298	25-30	350	1098
35	1545	1493	1537	1682	1618	1338	1241	1304	30-35	425	1524
40	1630	1588	1603	1793	1696	1282	1138	1281	35-40	495	2018
45	1710	1693	1685	1964	1790	1160	960	1214	40-45	555	2574
50	1812	1854	1729	2172	1894	945	679	1085	45-50	606	3179
55	1920	2069	1642	2222	1965	616	360	873	50-55	640	3819
60	1973	2234	1316	1797	1870	285	199	571	55-60	638	4457
65	1811	2087	885	922	1392	146	140	281	60-65	570	5027
70	1229	1385	488	178	467	93.9	82.9	154	65-70	410	5437
75	342	421	136	48.9	62.1	46	33.6	99.2	70-75	217	5654
80	53.1	65.4	48.8	10.2	14.7	7.7	3.08	48.5	75-80	68.1	5722
85	9.23	20.6	8.85	0.79	1.09	0.74	1	10.7	80-85	12.6	5735
90	0.44	1.74	0.9	0.36	1.04	1.16	0.81	1.29	85-90	2.1	5737
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): 11.6

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: 228.9V I: 189.0mA P: 42.10W PF: 0.972 Test LM: 5737.19lm		
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	1200	1195	1190	1188	1189	1194	1203	1211	1212	1204	1208	1208	1211	1211	1210	1208	1202	1199
10.0	1213	1200	1194	1192	1196	1204	1220	1239	1246	1227	1235	1233	1236	1236	1233	1229	1218	1211
15.0	1241	1222	1214	1210	1218	1232	1255	1288	1301	1271	1279	1267	1264	1259	1252	1246	1236	1228
20.0	1290	1262	1250	1243	1258	1281	1316	1362	1378	1336	1337	1310	1297	1285	1275	1265	1253	1255
25.0	1357	1323	1304	1300	1332	1366	1405	1467	1496	1427	1400	1348	1320	1302	1292	1285	1280	1296
30.0	1446	1407	1384	1392	1437	1475	1519	1604	1660	1527	1456	1371	1320	1294	1287	1291	1306	1347
35.0	1545	1528	1500	1501	1523	1545	1599	1701	1750	1618	1492	1368	1284	1247	1247	1271	1319	1394
40.0	1630	1669	1607	1581	1591	1611	1681	1816	1871	1696	1503	1324	1191	1140	1130	1175	1307	1427
45.0	1710	1721	1699	1662	1668	1700	1803	2002	2092	1790	1476	1220	1024	957	908	970	1254	1435
50.0	1812	1874	1860	1766	1725	1757	1924	2238	2402	1894	1386	1026	760	672	612	718	1143	1409
55.0	1920	2123	2087	1869	1695	1676	1892	2369	2778	1965	1175	713	416	339	300	447	955	1331
60.0	1973	2462	2299	1829	1447	1334	1509	2087	2968	1870	819	369	193	175	166	278	674	1159
65.0	1811	2847	2286	1527	1038	868	873	1241	2256	1392	378	165	108	117	118	156	375	848
70.0	1229	2907	1771	965	600	453	328	280	622	467	141	93.9	68.2	70.6	73.7	93.6	195	453
75.0	342	1876	787	358	219	117	77.1	51.4	60.4	62.1	44.3	45.1	30.7	28.8	30.9	52.1	108	163
80.0	53.1	269	117	70	59.2	44.5	29	8.97	5.73	14.7	6.13	7.09	5.21	3.44	3.67	19.6	54	70.8
85.0	9.23	27.2	22.6	26.8	18.1	7.51	4.07	0.76	0.71	1.09	0.9	0.77	0.65	0.83	0.83	4.09	13.5	21.8
90.0	0.44	1.11	1.62	2.06	1.48	0.99	0.85	0.37	0.47	1.04	1.91	1.35	0.8	0.72	0.63	0.71	1.62	2.5
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): 11.6

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: