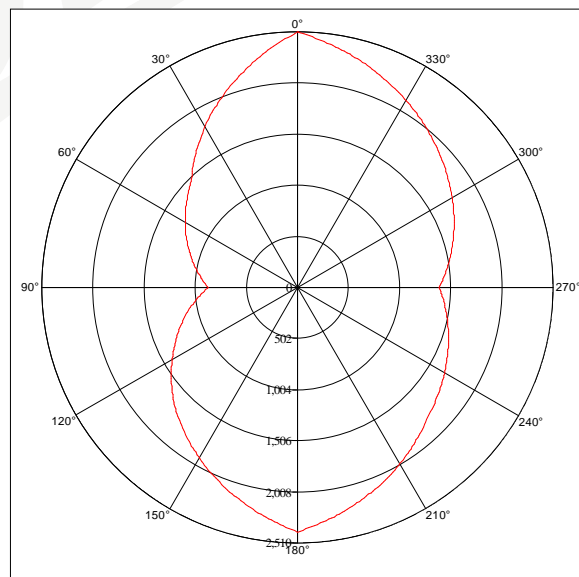
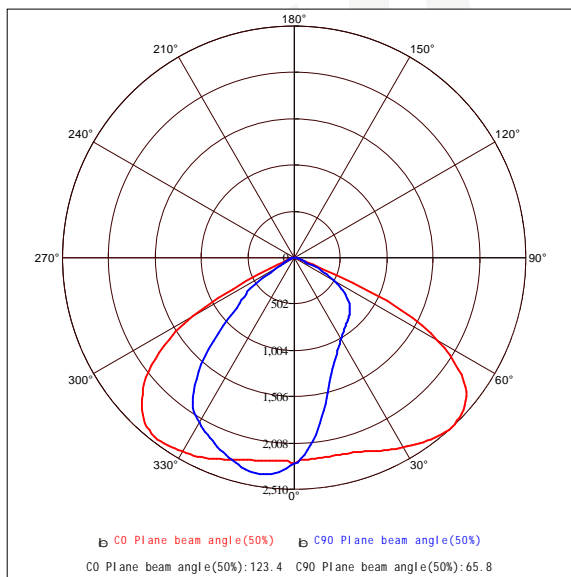


### Goniophotometer Test Report

Measured Para U: 229.0V I: 347.0mA P: 46.10W PF: 0.578 Test LM: 5535.31lm						
Lamp Name: LED STREET LIGHT		Lamp Type:		Weight(kg):		
Lamp ID: LPSTL-50W		Lamp Spec: LPSTL-50W		Shape Size:		
Manufactory: LIPER		Sur(m <sup>2</sup> ):		Protect Angle(Deg):		
Light Source Data			Photometric Data			
Model	LPSTL-50W		Peak Value(cd)	2508.2	Efficiency(lm/w)	120.1
Nominal P(w)	1.0		Position	0.0, 42.0	UP(C0-C180)	0.0
Rated Volt(v)	1.0		Total Flux(lm)	5535.308	Down(C0-C180)	49.1
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)	50.9

Planar Intensity Distribution Curve

Peak Point Conical surface Curve



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.100

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

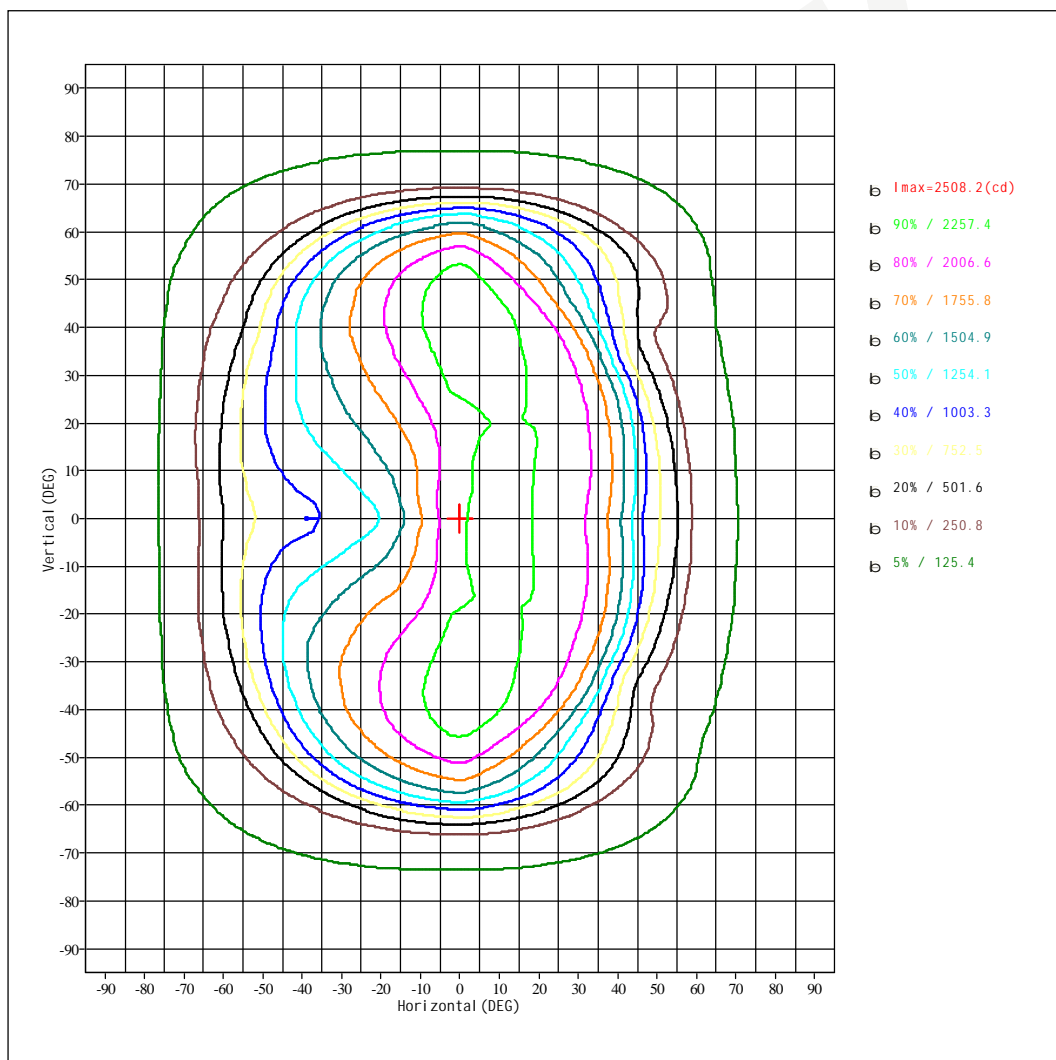
Humi dity(%): 60

Date: 2024-8-26

Remark:

Measured Para U: 229.0V I: 347.0mA P: 46.10W PF: 0.578 Test LM: 5535.311m		
Lamp Name: LED STREET LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPSTL-50W	Lamp Spec: LPSTL-50W	Shape Si ze:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Planar IsoCandela Curve



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.100

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

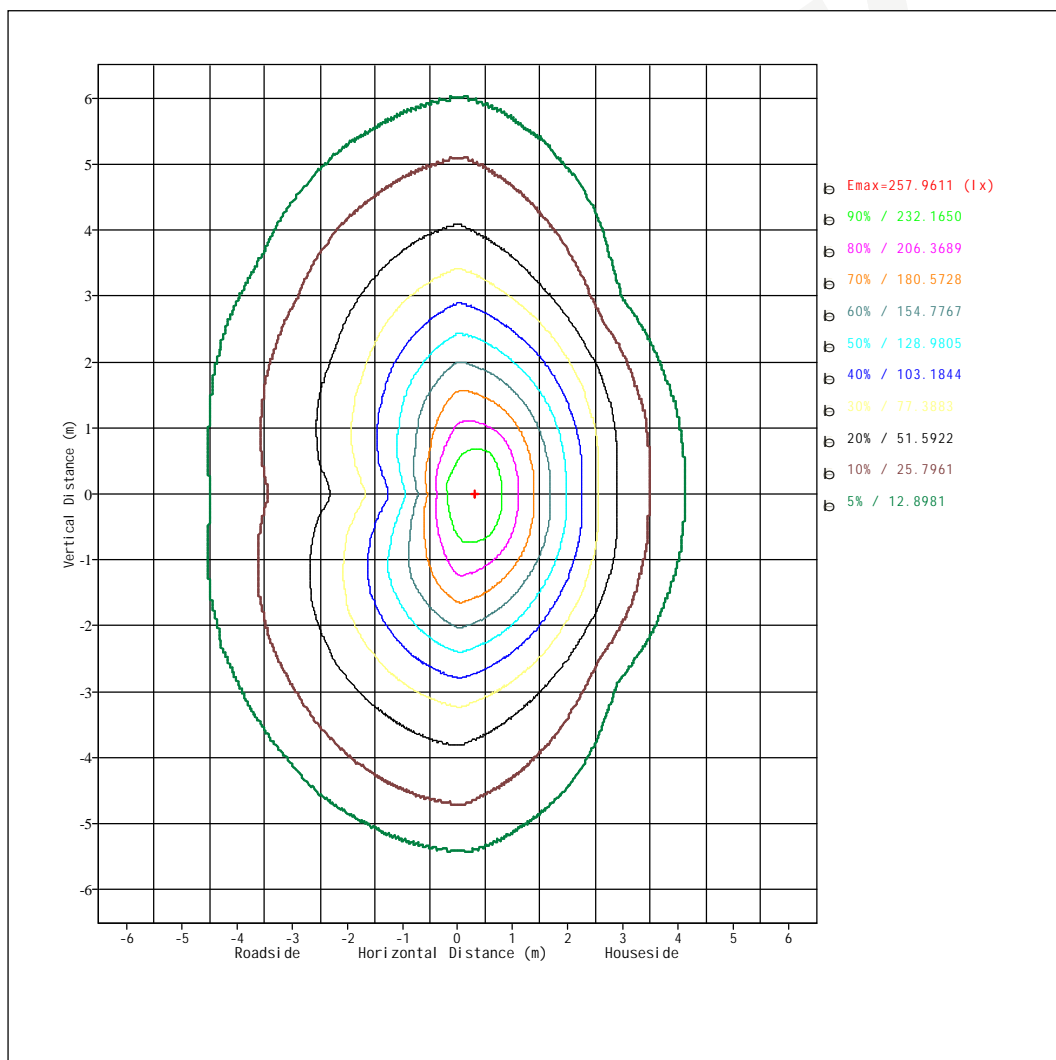
Humi di ty(%): 60

Date: 2024-8-26

Remark:

Measured Para U: 229.0V I: 347.0mA P: 46.10W PF: 0.578 Test LM: 5535.311m		
Lamp Name: LED STREET LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPSTL-50W	Lamp Spec: LPSTL-50W	Shape Si ze:
Manufactory: LIPER	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Planar Isolux curve



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.100

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

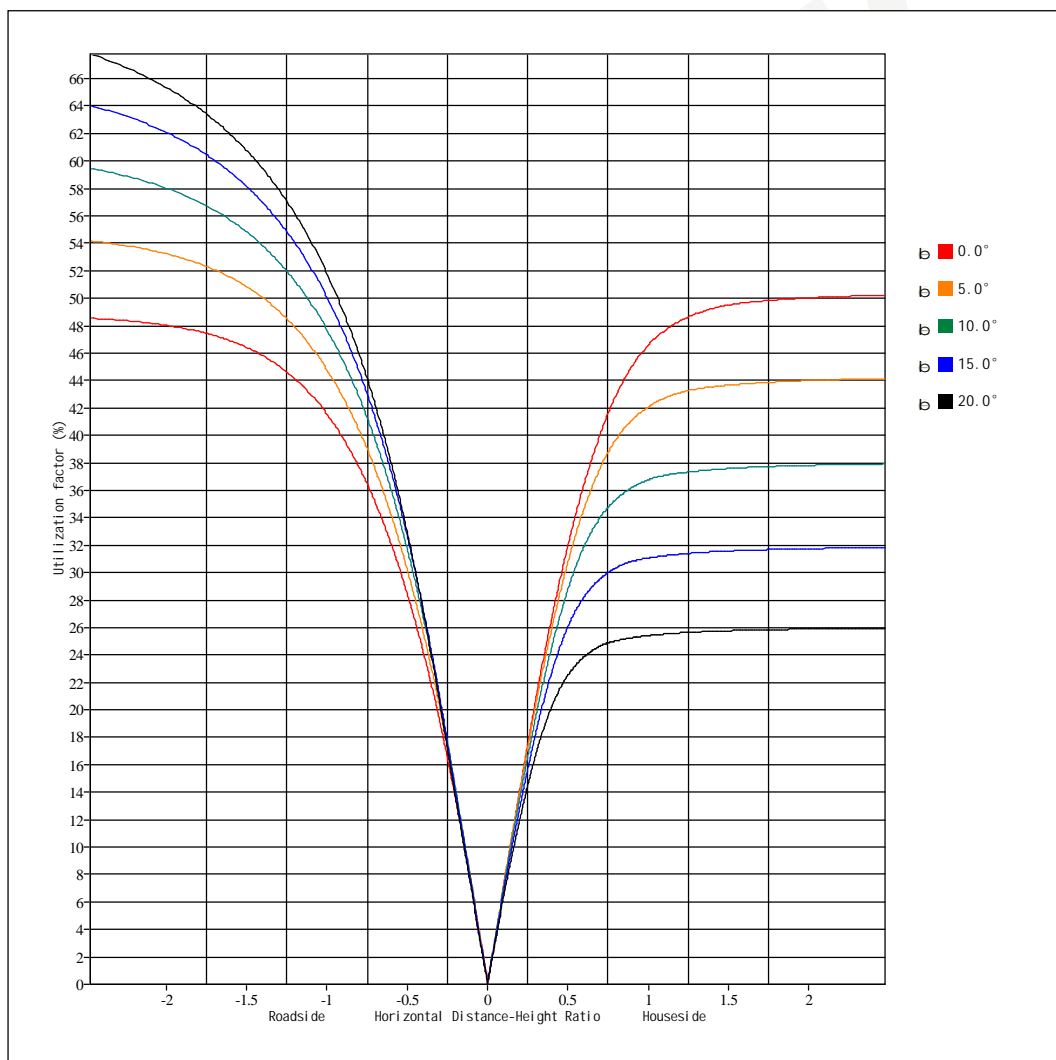
Humi di ty(%): 60

Date: 2024-8-26

Remark:

Measured Para U: 229.0V I: 347.0mA P: 46.10W PF: 0.578 Test LM: 5535.31lm		
Lamp Name: LED STREET LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPSTL-50W	Lamp Spec: LPSTL-50W	Shape Si ze:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Utilization Coefficient



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.100

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

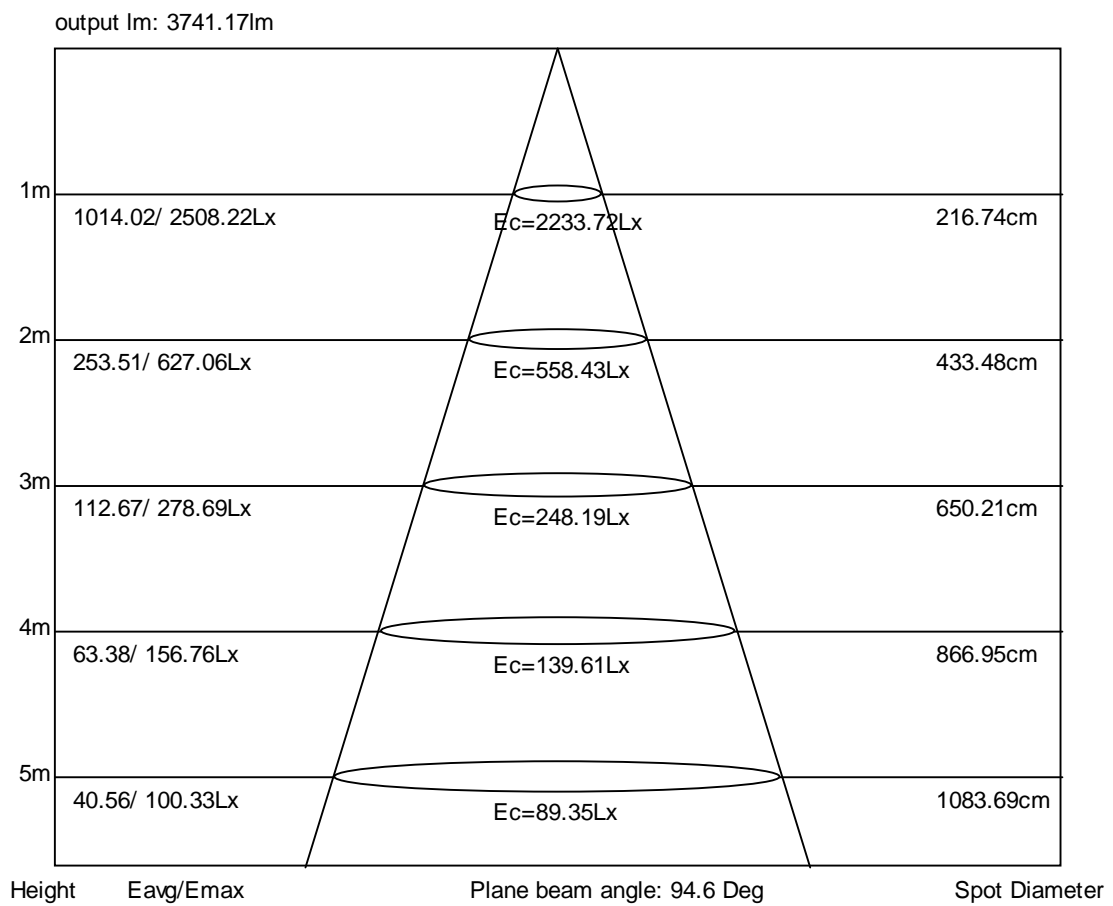
Humi di ty(%): 60

Date: 2024-8-26

Remark:

Measured Para U: 229.0V I: 347.0mA P: 46.10W PF: 0.578 Test LM: 5535.31lm		
Lamp Name: LED STREET LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPSTL-50W	Lamp Spec: LPSTL-50W	Shape Si ze:
Manufactory: LIPER	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Average Illumination



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxg

Distance(m): 7.100

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humi di ty(%): 60

Date: 2024-8-26

Remark:

Measured Para U: 229.0V I: 347.0mA P: 46.10W PF: 0.578 Test LM: 5535.311m		
Lamp Name: LED STREET LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPSTL-50W	Lamp Spec: LPSTL-50W	Shape Size:
Manufactory: LIPER	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Ring-shaped Flux Data Table

Gm\C(Deg)	0	45	90	135	180	225	270	315	Range	Ring	T(lm)
5	2190	2122	2013	2105	2210	2340	2348	2321	0-5	53.1	53.1
10	2188	1935	1717	1955	2232	2367	2369	2363	5-10	155	208
15	2205	1764	1427	1832	2271	2360	2316	2364	10-15	249	458
20	2240	1665	1228	1774	2329	2322	2238	2328	15-20	336	794
25	2309	1633	1103	1788	2392	2282	2148	2292	20-25	420	1214
30	2377	1599	1009	1806	2428	2220	2050	2252	25-30	502	1715
35	2445	1570	938	1783	2460	2113	1902	2181	30-35	574	2289
40	2500	1505	893	1724	2438	1930	1573	2034	35-40	627	2916
45	2497	1427	846	1632	2318	1540	1114	1712	40-45	643	3559
50	2410	1305	772	1440	2096	883	752	1074	45-50	603	4162
55	2179	1108	650	1136	1750	432	555	522	50-55	516	4678
60	1745	795	502	732	1192	148	177	159	55-60	396	5074
65	1012	407	317	344	345	106	107	104	60-65	247	5321
70	158	231	124	197	81.2	70.7	66.1	73.7	65-70	107	5429
75	64.1	117	83.9	114	50.4	45	50.4	46.3	70-75	49.4	5478
80	39.1	73.6	56	65.9	28.2	27.8	34	28.7	75-80	30.6	5509
85	23.1	34.2	31.1	31	13.7	11.6	19.6	12.8	80-85	17.6	5526
90	16.2	14.9	12	13.9	12.6	11.2	10.8	12.3	85-90	9.15	5535
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): 30

Tester: zxcg

Distance(m): 7.100

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humi di ty(%): 60

Date: 2024-8-26

Remark:

Measured Para U: 229.0V I: 347.0mA P: 46.10W PF: 0.578 Test LM: 5535.311m		
Lamp Name: LED STREET LIGHT	Lamp Type:	Weight (kg):
Lamp ID: LPSTL-50W	Lamp Spec: LPSTL-50W	Shape Si ze:
Manufactory: LIPER	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	2190	2160	2130	2087	2037	2034	2075	2116	2164	2210	2267	2326	2343	2346	2342	2330	2306	2247
10.0	2188	2077	1963	1864	1765	1769	1877	1985	2111	2232	2291	2352	2368	2369	2368	2365	2344	2265
15.0	2205	2012	1812	1653	1501	1516	1699	1880	2079	2271	2310	2350	2346	2326	2327	2348	2346	2274
20.0	2240	1988	1728	1522	1324	1347	1595	1835	2086	2329	2326	2322	2294	2256	2257	2298	2318	2278
25.0	2309	2013	1707	1459	1219	1253	1563	1854	2128	2392	2344	2294	2238	2178	2180	2245	2293	2302
30.0	2377	2037	1684	1405	1138	1183	1544	1874	2156	2428	2337	2243	2164	2088	2095	2186	2266	2323
35.0	2445	2062	1666	1363	1076	1123	1506	1857	2164	2460	2308	2151	2044	1948	1963	2089	2210	2329
40.0	2500	2064	1613	1304	1026	1074	1451	1802	2125	2438	2216	1985	1813	1651	1674	1883	2085	2296
45.0	2497	2029	1544	1236	973	1018	1374	1707	2018	2318	1977	1625	1400	1207	1245	1516	1798	2153
50.0	2410	1927	1426	1130	888	918	1221	1512	1809	2096	1565	1016	840	781	823	968	1220	1825
55.0	2179	1710	1225	958	750	756	977	1203	1481	1750	1173	576	473	528	548	533	703	1454
60.0	1745	1330	899	699	566	552	656	782	991	1192	735	262	157	171	173	165	333	1051
65.0	1012	747	473	377	337	323	335	344	344	345	240	132	106	106	106	105	204	615
70.0	158	190	223	196	147	140	173	184	132	81.2	76.6	71.8	69.2	67.1	67.8	71.2	82.9	121
75.0	64.1	87.2	111	106	91.1	90.4	104	107	78.1	50.4	48	45.6	46.8	49.2	49.5	47.6	48.2	56.3
80.0	39.1	54.2	69.8	67.8	59.8	58.1	62.6	61.7	44.7	28.2	28	27.8	29.8	32.6	32.8	30.4	29.8	34.5
85.0	23.1	28	33	33.2	31.8	31.1	31.1	29.2	21.3	13.7	12.8	11.9	14.3	17.9	18.2	15.1	14	18.6
90.0	16.2	15.6	15	13.9	12.6	12.4	13.3	13.7	13.2	12.6	12	11.4	11.1	10.9	11.1	11.8	12.7	14.5
95.0																		
100.0																		
105.0																		
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165.0																		
170.0																		
175.0																		
180.0																		

Gama Angle Range: -90 - 90(Deg)

C Angle Range: 0 - 180(Deg)

Gama interval (Deg): 1

C interval (Deg): 45

Temperature(Deg): 30

Humi di ty(%): 60

Tester: zxcg

Date: 2024-8-26

Distance(m): 7.100

Remark:

Test System: ZWL Goniophotometer System V3.0