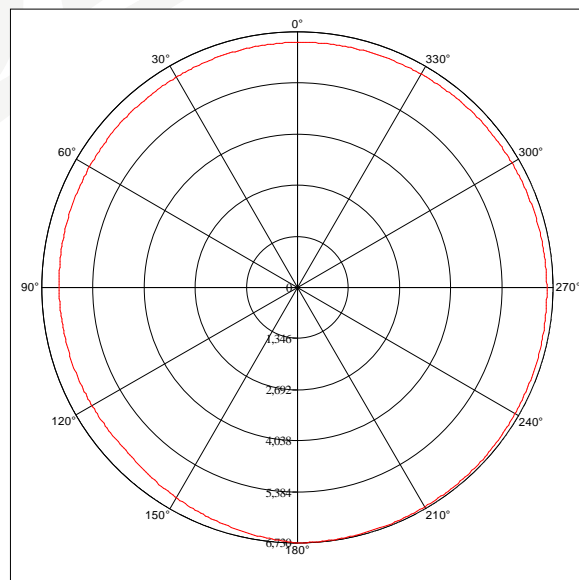
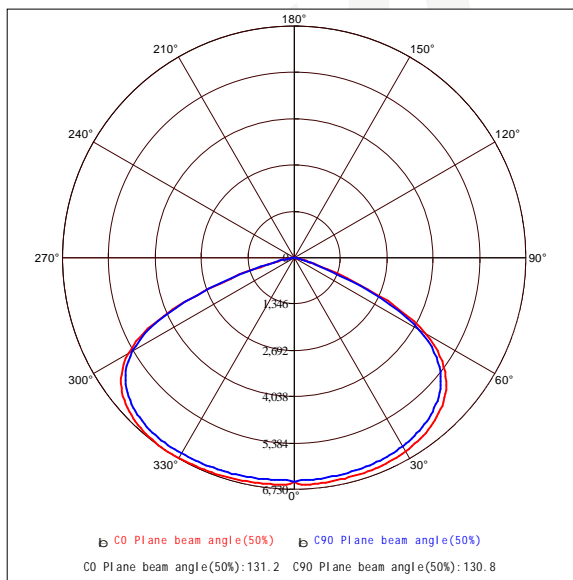


### Goniophotometer Test Report

Measured Para U: 229.2V I: 1095.0mA P: 141.80W PF: 0.564 Test LM: 23253.95lm						
Lamp Name: LED STREET LIGHT		Lamp Type:		Weight(kg):		
Lamp ID: LPSTL-150W		Lamp Spec: LPSTL-150W		Shape Size:		
Manufactory: LIPER		Sur(m <sup>2</sup> ):		Protect Angle(Deg):		
Light Source Data			Photometric Data			
Model	LPSTL-150W		Peak Value(cd)	6726.9	Efficiency(lm/w)	164.0
Nominal P(w)	1.0		Position	180.0, 32.0	UP(C0-C180)	0.0
Rated Volt(v)	1.0		Total Flux(lm)	23253.952	Down(C0-C180)	47.9
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)	52.1

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): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval(Deg): 45

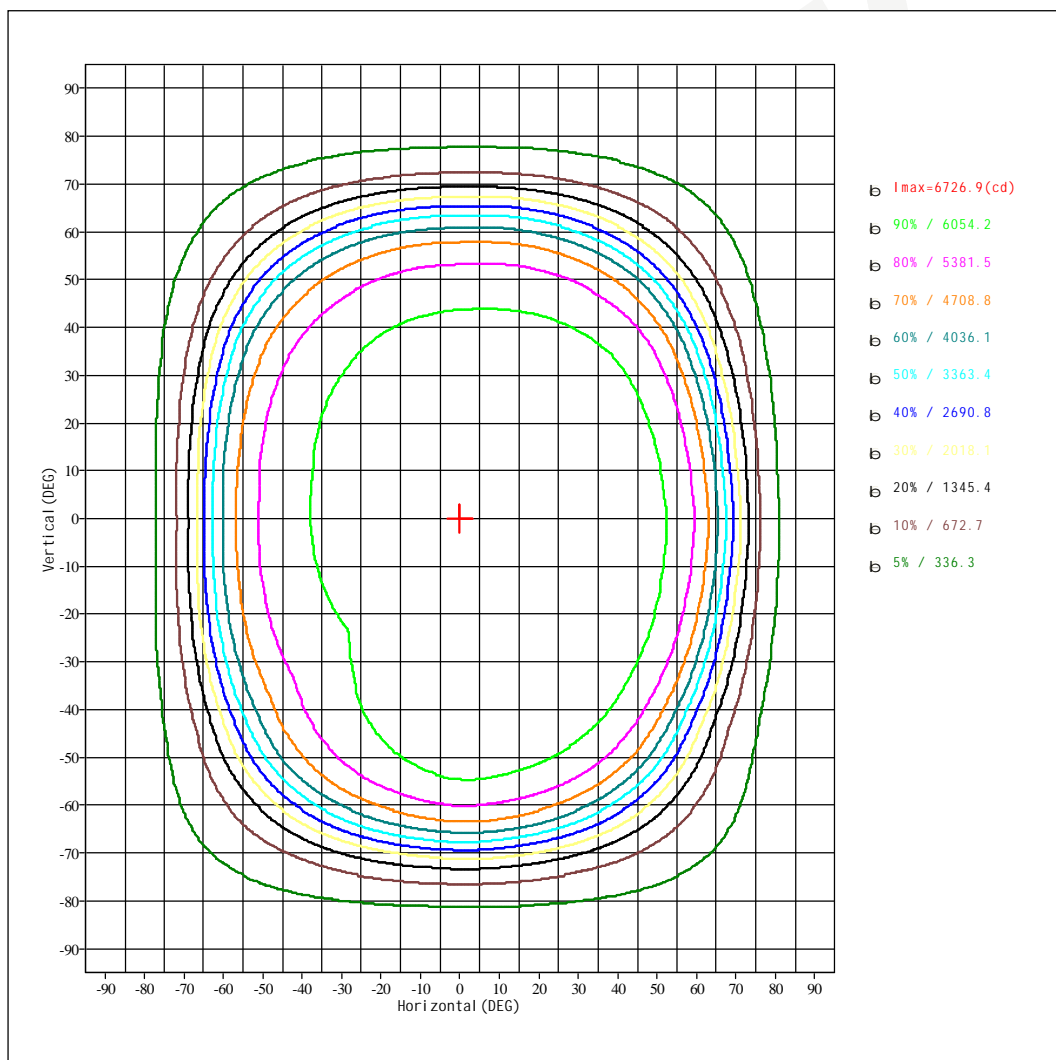
Humi dity(%): 60

Date: 2024-8-26

Remark:

Measured Para U: 229.2V I: 1095.0mA P: 141.80W PF: 0.564 Test LM: 23253.95lm		
Lamp Name: LED STREET LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPSTL-150W	Lamp Spec: LPSTL-150W	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): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

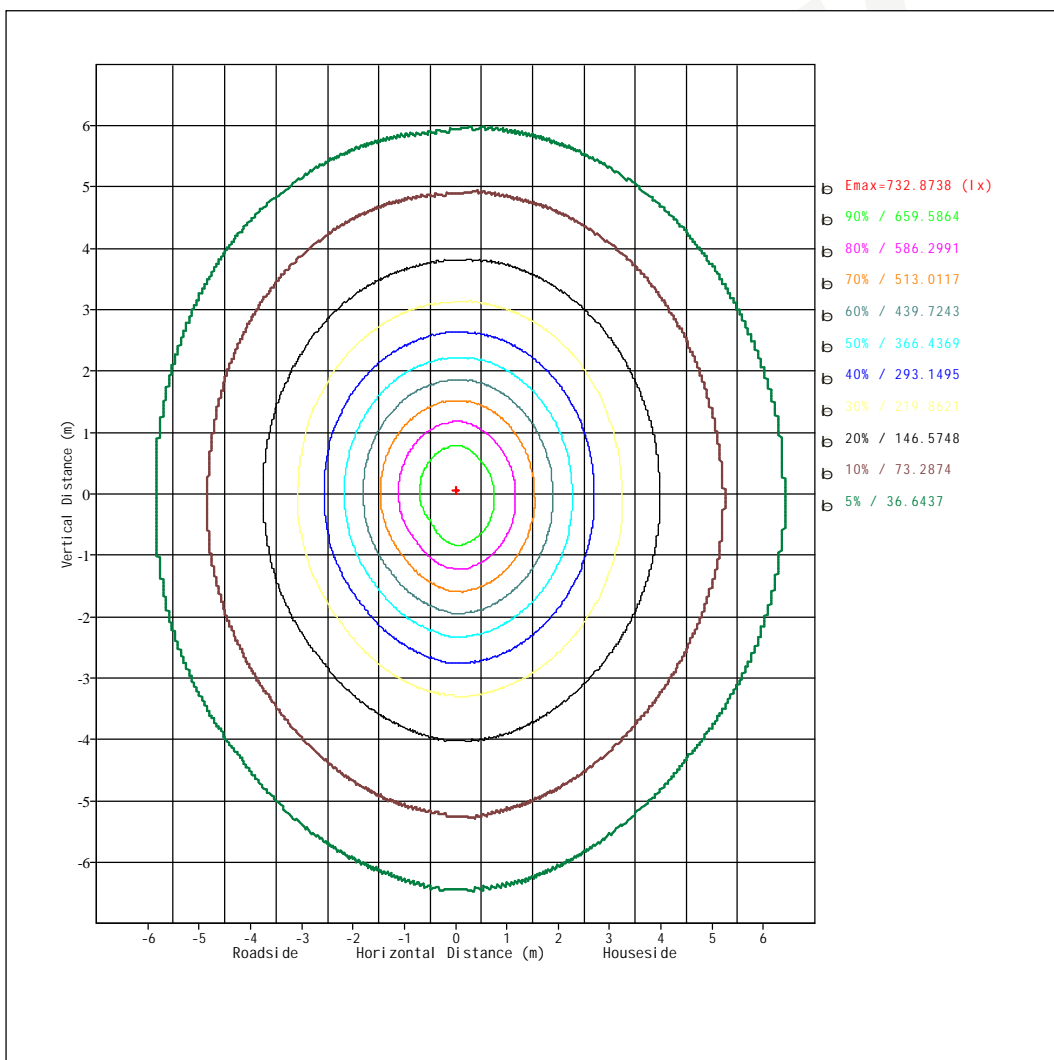
Humi di ty(%): 60

Date: 2024-8-26

Remark:

Measured Para U: 229.2V I: 1095.0mA P: 141.80W PF: 0.564 Test LM: 23253.95lm		
Lamp Name: LED STREET LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPSTL-150W	Lamp Spec: LPSTL-150W	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): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

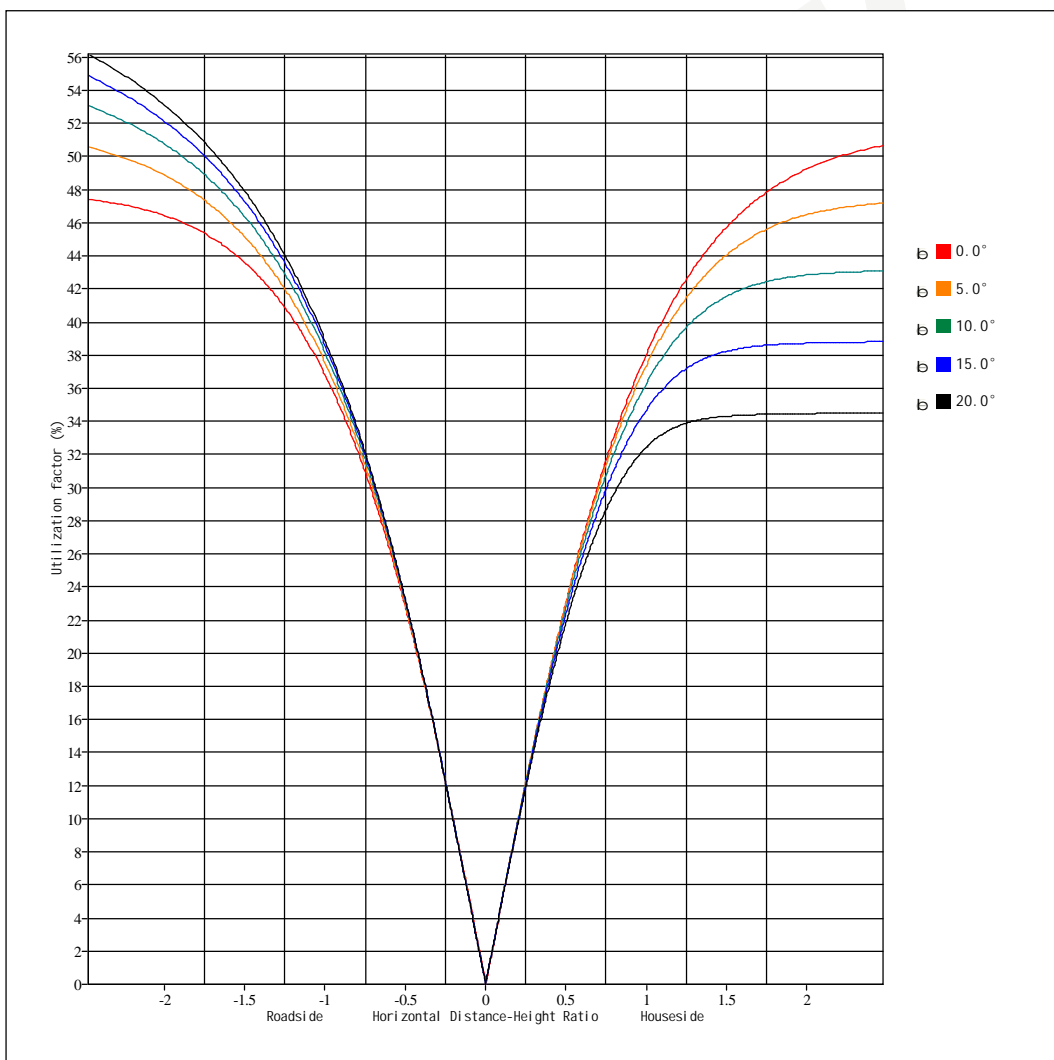
Humi di ty(%): 60

Date: 2024-8-26

Remark:

Measured Para U: 229.2V I: 1095.0mA P: 141.80W PF: 0.564 Test LM: 23253.95lm		
Lamp Name: LED STREET LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPSTL-150W	Lamp Spec: LPSTL-150W	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: zxg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

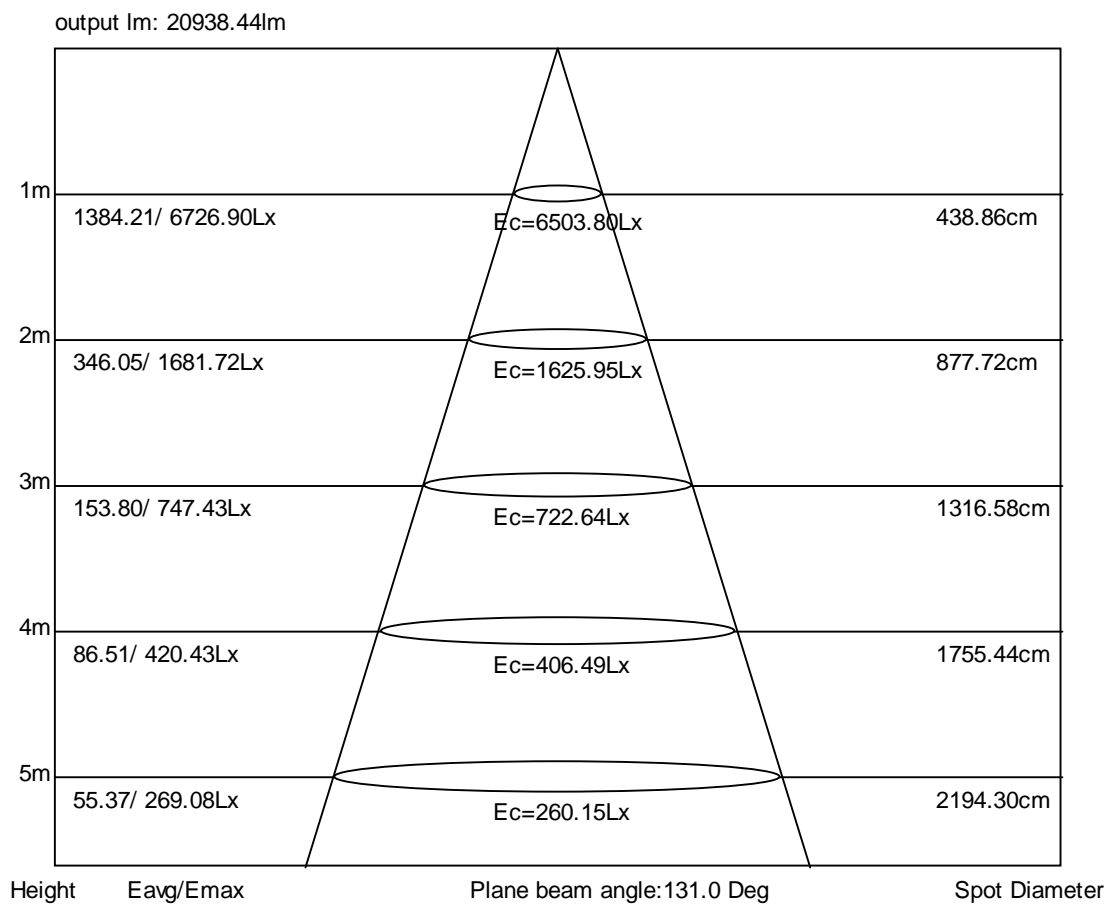
Humi di ty(%): 60

Date: 2024-8-26

Remark:

Measured Para U: 229.2V I: 1095.0mA P: 141.80W PF: 0.564 Test LM: 23253.95lm		
Lamp Name: LED STREET LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPSTL-150W	Lamp Spec: LPSTL-150W	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: zxcg

Distance(m): 7.000

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: 229.2V I: 1095.0mA P: 141.80W PF: 0.564 Test LM: 23253.951m		
Lamp Name: LED STREET LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPSTL-150W	Lamp Spec: LPSTL-150W	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	6597	6527	6465	6410	6607	6552	6479	6435	0-5	156	156
10	6587	6513	6448	6397	6629	6578	6499	6459	5-10	466	621
15	6573	6494	6432	6373	6657	6603	6524	6479	10-15	773	1394
20	6561	6471	6408	6349	6677	6622	6537	6494	15-20	1074	2468
25	6540	6447	6377	6318	6695	6644	6551	6510	20-25	1366	3835
30	6489	6391	6315	6260	6722	6664	6567	6522	25-30	1646	5480
35	6400	6300	6217	6166	6723	6650	6559	6503	30-35	1905	7385
40	6267	6170	6074	6037	6684	6597	6518	6447	35-40	2135	9520
45	6055	5971	5856	5843	6594	6482	6427	6331	40-45	2324	11844
50	5731	5670	5529	5556	6420	6257	6253	6114	45-50	2456	14300
55	5185	5186	4985	5102	6090	5842	5934	5729	50-55	2496	16796
60	4302	4397	4097	4364	5463	5039	5340	4979	55-60	2384	19180
65	2819	3075	2590	3109	4304	3606	4230	3619	60-65	2011	21191
70	1157	1406	979	1482	2500	1783	2460	1823	65-70	1291	22483
75	315	388	267	417	891	521	875	539	70-75	536	23019
80	105	117	93	124	229	135	222	137	75-80	158	23178
85	48.8	52.6	46.5	56.8	81.4	54.5	78.5	55.3	80-85	51	23228
90	44.9	44.2	46.2	45.4	37.6	37.3	36.5	36.7	85-90	25.5	23254
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): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humidity(%): 60

Date: 2024-8-26

Remark:

Measured Para U: 229.2V I: 1095.0mA P: 141.80W PF: 0.564 Test LM: 23253.95lm		
Lamp Name: LED STREET LIGHT	Lamp Type:	Weight (kg):
Lamp ID: LPSTL-150W	Lamp Spec: LPSTL-150W	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	6597	6566	6535	6507	6478	6453	6428	6431	6521	6607	6583	6558	6528	6495	6470	6449	6452	6526
10.0	6587	6554	6521	6492	6462	6437	6414	6422	6528	6629	6607	6583	6552	6516	6490	6472	6473	6531
15.0	6573	6538	6502	6474	6446	6419	6392	6404	6533	6657	6633	6609	6577	6541	6514	6494	6489	6532
20.0	6561	6522	6481	6450	6422	6395	6368	6385	6534	6677	6653	6628	6594	6556	6528	6508	6501	6532
25.0	6540	6499	6457	6424	6392	6364	6337	6359	6530	6695	6673	6650	6614	6571	6542	6523	6513	6527
30.0	6489	6446	6401	6366	6331	6303	6278	6311	6520	6722	6697	6670	6632	6588	6557	6537	6518	6503
35.0	6400	6356	6311	6273	6235	6206	6183	6227	6479	6723	6691	6658	6620	6579	6547	6522	6492	6445
40.0	6267	6225	6180	6138	6095	6066	6049	6107	6401	6684	6646	6607	6571	6536	6503	6470	6427	6346
45.0	6055	6018	5980	5933	5881	5853	5847	5925	6266	6594	6545	6494	6464	6439	6406	6363	6301	6176
50.0	5731	5704	5677	5624	5560	5535	5547	5651	6042	6420	6349	6275	6256	6254	6223	6160	6073	5899
55.0	5185	5185	5186	5120	5029	5010	5064	5210	5658	6090	5981	5869	5872	5914	5889	5796	5669	5423
60.0	4302	4343	4387	4299	4162	4155	4277	4485	4982	5463	5277	5086	5138	5274	5261	5098	4905	4598
65.0	2819	2931	3047	2916	2696	2703	2939	3240	3781	4304	3999	3682	3811	4094	4097	3820	3532	3169
70.0	1157	1266	1379	1266	1073	1089	1317	1594	2055	2500	2186	1861	2005	2312	2321	2032	1750	1448
75.0	315	347	380	349	294	300	368	469	684	891	729	562	637	798	802	649	515	413
80.0	105	110	115	109	98.2	99.7	114	135	183	229	188	145	163	203	204	165	133	119
85.0	48.8	50.5	52.2	50.6	47.8	48.7	53.4	59.5	70.6	81.4	69.6	57.4	62.4	73.3	73.4	62.9	54.6	51.6
90.0	44.9	44.6	44.3	44.8	45.7	46	45.7	44.5	41	37.6	37.4	37.3	37	36.6	36.5	36.6	37.6	41.3
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)

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): 7.000

Remark:

Test System: ZWL Goniophotometer System V3.0