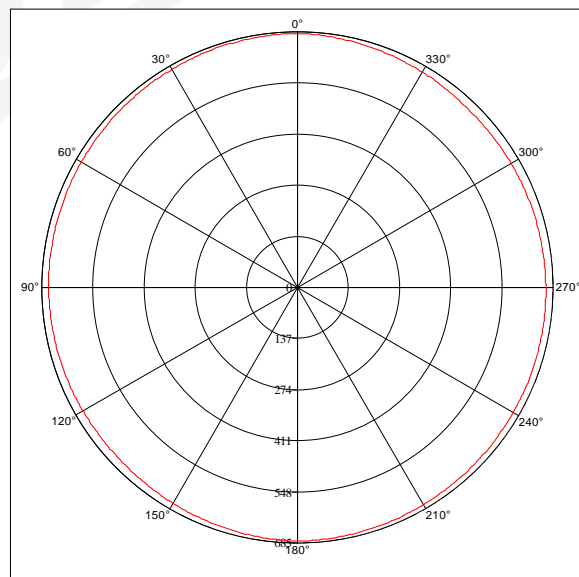
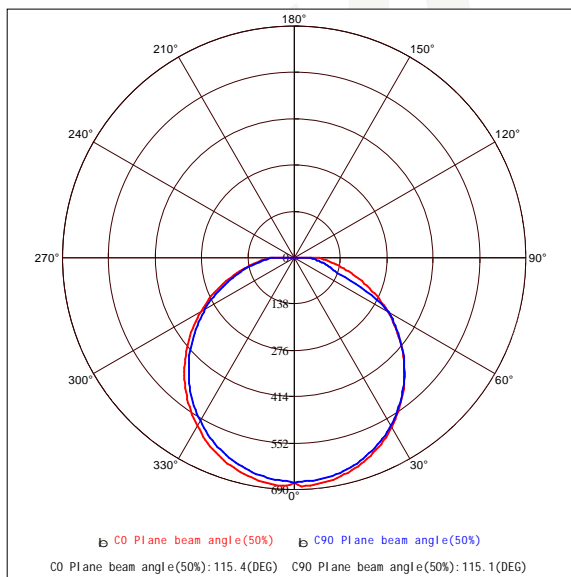


Goniophotometer Test Report

Measured Para U: 215.7V I: 175.3mA P: 23.60W PF: 0.624 Test LM: 2138.16lm						
Lamp Name: LED DOWN LIGHT		Lamp Type:		Weight(kg):		
Lamp ID: LPDL-25A-Y		Lamp Spec: LPDL-25A-Y		Shape Size:		
Manufactory: LIPER		Sur(m ²):		Protect Angle(Deg):		
Light Source Data			Photometric Data			
Model	LPDL-25A-Y		Peak Value(cd)	680.9	Efficiency(lm/w)	90.6
Nominal P(w)	1.0		Position	0.0, 1.0	UP(C0-C180)	0.0
Rated Volt(v)	1.0		Total Flux(lm)	2138.16	Down(C0-C180)	51.4
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)	48.6

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): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval(Deg): 45

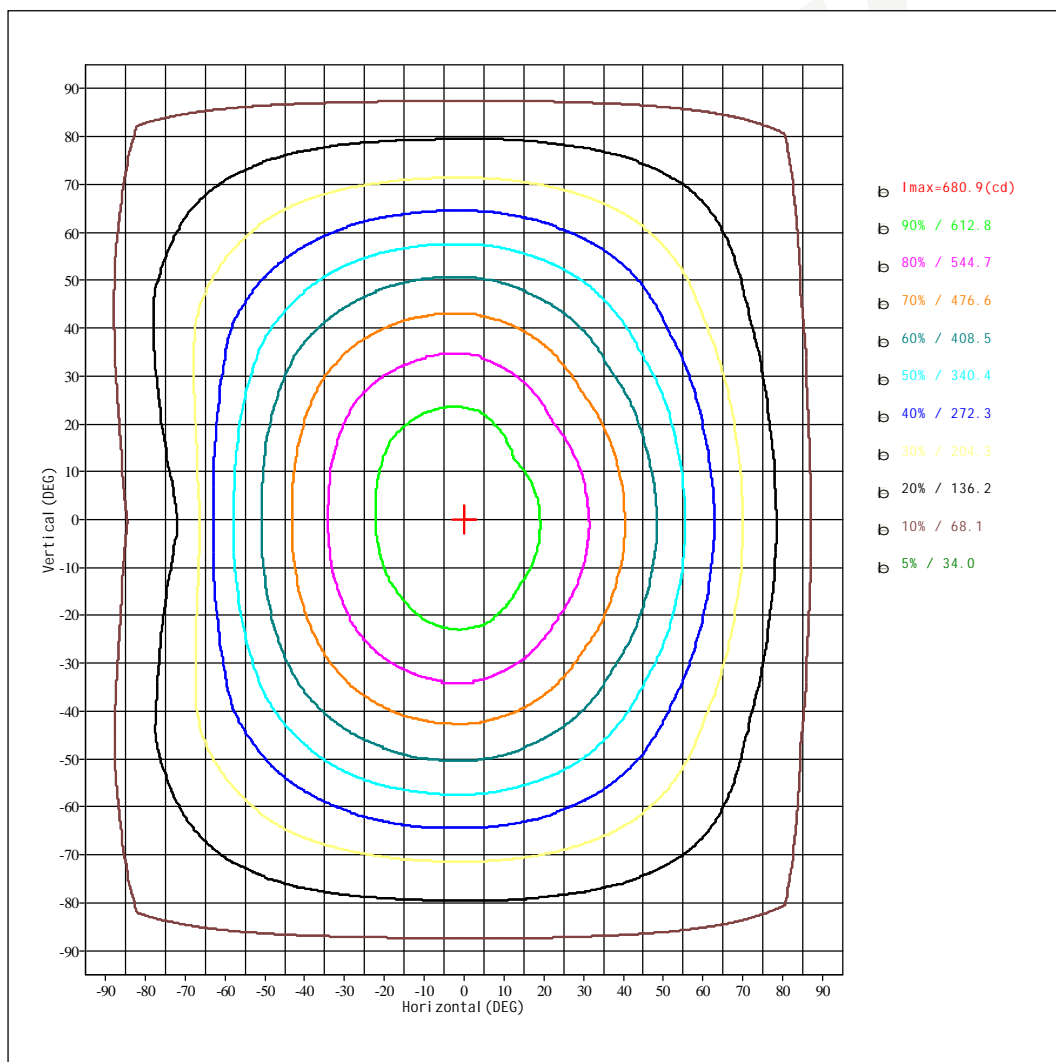
Humi dity(%): 60

Date: 2023-9-21

Remark:

Measured Para U: 215.7V I: 175.3mA P: 23.60W PF: 0.624 Test LM: 2138.16lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-25A-Y	Lamp Spec: LPDL-25A-Y	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): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

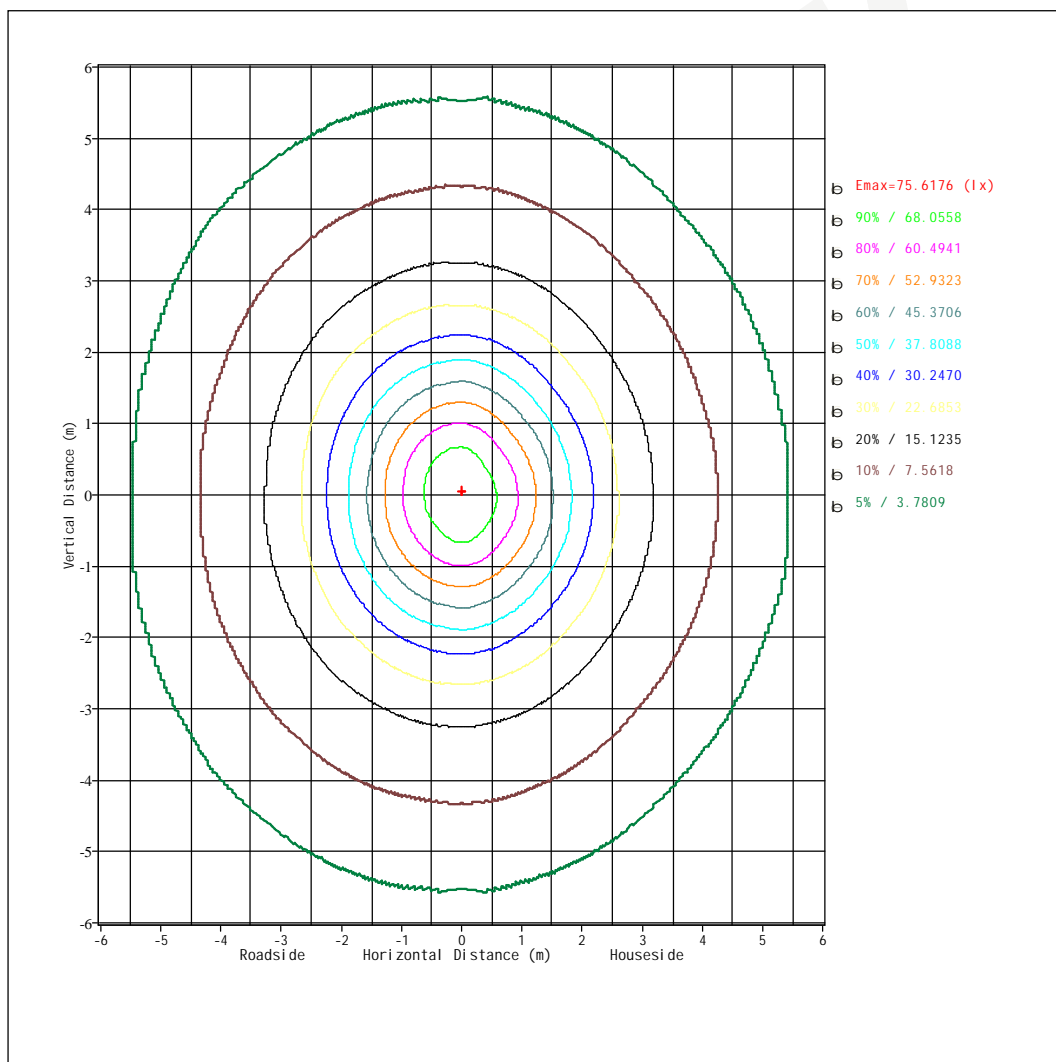
Humi di ty(%): 60

Date: 2023-9-21

Remark:

Measured Para U: 215.7V I: 175.3mA P: 23.60W PF: 0.624 Test LM: 2138.16lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-25A-Y	Lamp Spec: LPDL-25A-Y	Shape Si ze:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Planar Isolux curve



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

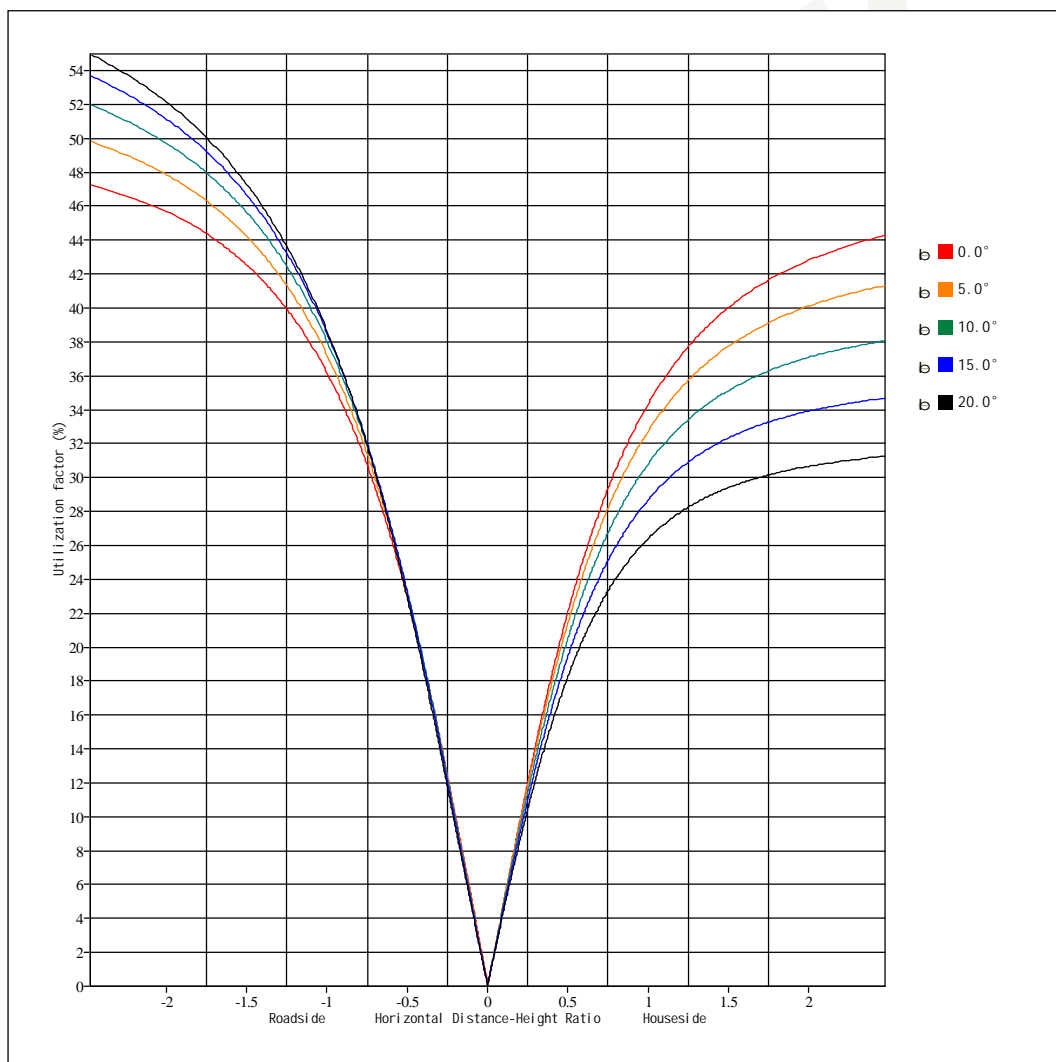
Humi di ty(%): 60

Date: 2023-9-21

Remark:

Measured Para U: 215.7V I: 175.3mA P: 23.60W PF: 0.624 Test LM: 2138.16lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-25A-Y	Lamp Spec: LPDL-25A-Y	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): 8.500

Test System: ZWL goniphotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval(Deg): 45

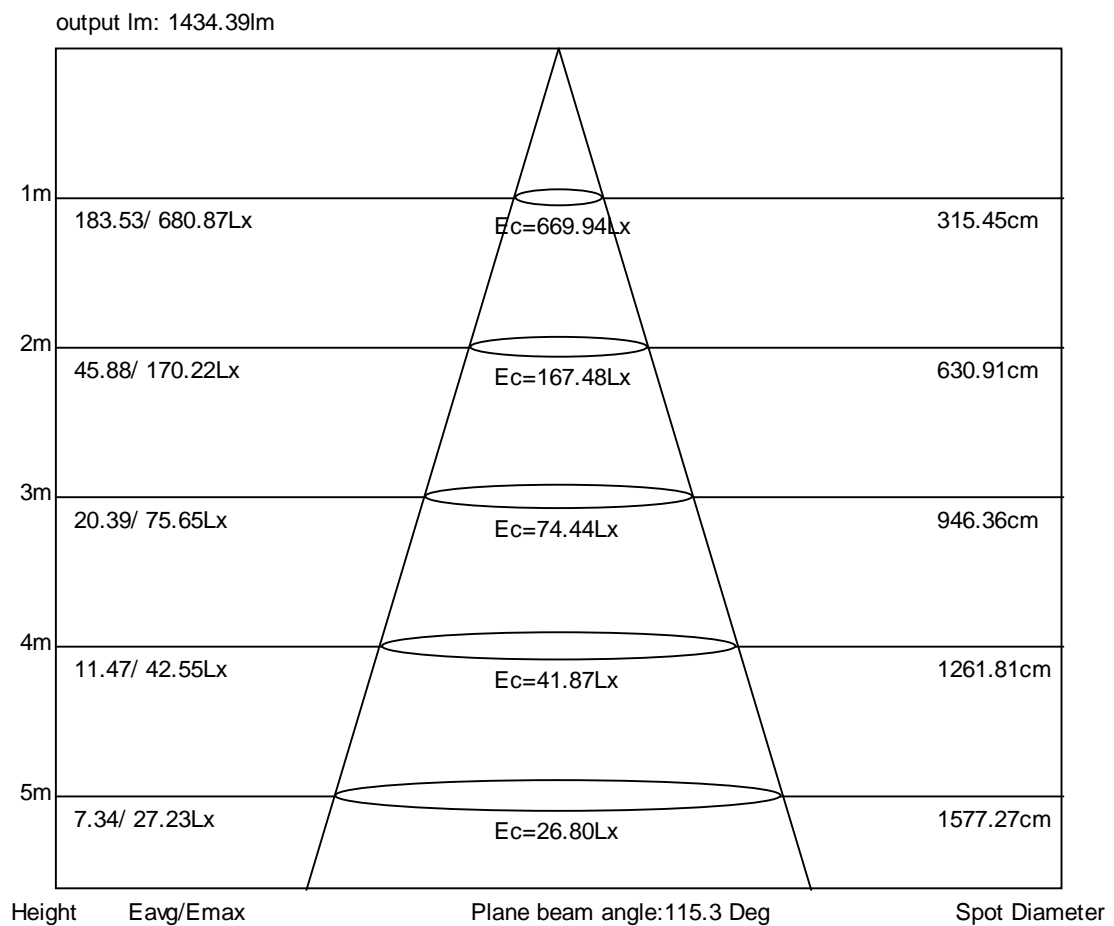
Humi di ty(%): 60

Date: 2023-9-21

Remark:

Measured Para U: 215.7V I: 175.3mA P: 23.60W PF: 0.624 Test LM: 2138.16lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-25A-Y	Lamp Spec: LPDL-25A-Y	Shape Si ze:
Manufactory: LIPER	Sur(m ²):	Protect Angle(Deg):

Average Illumination



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxg

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humi di ty(%): 60

Date: 2023-9-21

Remark:

Measured Para U: 215.7V I: 175.3mA P: 23.60W PF: 0.624 Test LM: 2138.16lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-25A-Y	Lamp Spec: LPDL-25A-Y	Shape Size:
Manufactory: LIPER	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	678	671	665	662	677	665	662	656	0-5	16	16
10	670	665	658	655	668	653	652	644	5-10	47.4	63.4
15	655	654	645	644	653	635	636	627	10-15	77.2	141
20	635	636	626	626	632	612	615	604	15-20	104	245
25	609	614	603	604	606	584	589	577	20-25	128	373
30	579	586	574	576	576	550	557	544	25-30	148	521
35	544	553	540	544	540	513	522	508	30-35	162	683
40	505	516	503	508	501	472	483	467	35-40	171	854
45	461	475	461	467	458	427	440	423	40-45	175	1029
50	415	431	417	423	412	380	395	377	45-50	173	1203
55	367	384	369	377	365	333	348	331	50-55	166	1369
60	318	335	318	329	316	282	300	282	55-60	155	1524
65	267	287	228	281	267	232	253	233	60-65	138	1661
70	218	237	140	232	218	185	206	186	65-70	116	1777
75	172	190	109	186	172	143	163	144	70-75	94.5	1872
80	131	147	84.6	144	131	107	125	108	75-80	75.3	1947
85	96.4	110	63	107	96.3	76.2	91.9	77.9	80-85	57.4	2004
90	74.9	78.4	49.3	75.9	66.3	67.1	63.3	61.3	85-90	42.3	2047
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): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humidity(%): 60

Date: 2023-9-21

Remark:

Measured Para U: 215.7V I: 175.3mA P: 23.60W PF: 0.624 Test LM: 2138.16lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight (kg):
Lamp ID: LPDL-25A-Y	Lamp Spec: LPDL-25A-Y	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	678	675	672	669	666	664	663	663	670	677	672	666	664	663	661	658	658	668
10.0	670	668	666	663	659	657	656	657	662	668	661	654	652	652	650	647	647	658
15.0	655	654	654	651	647	645	644	645	649	653	645	637	635	636	634	630	630	643
20.0	635	636	636	633	628	626	626	627	630	632	623	614	613	614	612	608	608	622
25.0	609	611	614	610	605	603	604	604	605	606	596	586	585	588	586	581	580	595
30.0	579	582	585	582	576	574	575	576	576	576	565	553	553	556	555	549	548	564
35.0	544	548	552	549	543	541	543	544	542	540	528	516	516	520	519	512	512	528
40.0	505	510	515	512	506	504	506	507	504	501	488	475	475	480	479	472	471	488
45.0	461	467	473	470	464	462	465	466	462	458	444	431	431	437	436	429	428	445
50.0	415	422	429	426	420	419	421	422	417	412	398	384	385	392	391	383	382	399
55.0	367	374	382	379	372	371	374	376	371	365	351	337	338	345	345	337	335	351
60.0	318	325	333	329	322	321	326	328	322	316	301	286	288	296	296	288	286	302
65.0	267	276	284	267	241	240	264	280	273	267	252	236	239	248	248	239	236	252
70.0	218	226	235	205	161	160	202	231	224	218	204	189	192	201	202	193	190	204
75.0	172	180	188	163	127	126	161	184	178	172	160	146	150	158	159	150	147	160
80.0	131	138	146	127	98.3	97.5	124	142	137	131	121	109	113	121	121	114	111	121
85.0	96.4	102	109	94.8	73.3	72.7	92.7	106	101	96.3	87.5	78.4	81.4	88.4	88.8	82.5	79.9	88.3
90.0	74.9	76.5	78	68.9	55.7	55.1	67.2	74.8	70.5	66.3	66.7	67	65.9	64.1	62.9	61.9	62.8	69
95.0																		
100.0																		
105.0																		
110.0																		
115.0																		
120.0																		
125.0																		
130.0																		
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140.0																		
145.0																		
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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: 2023-9-21

Distance(m): 8.500

Remark:

Test System: ZWL Goniophotometer System V3.0