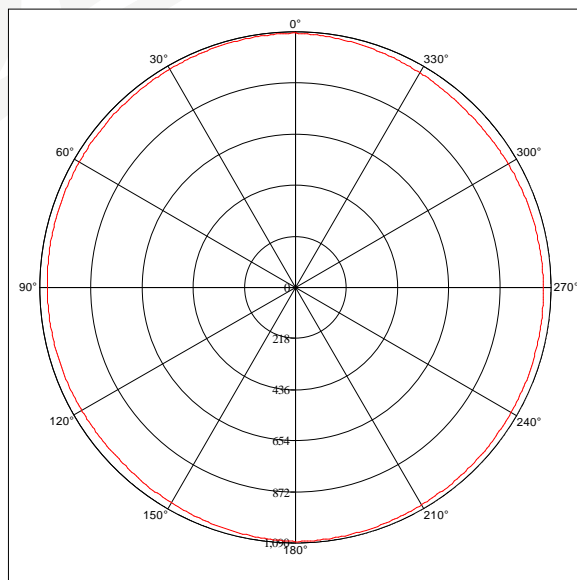
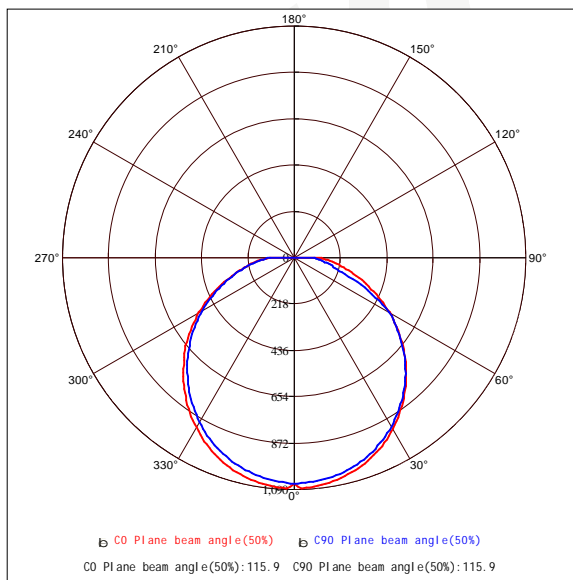


Goniophotometer Test Report

Measured Para U: 215.3V I: 255.7mA P: 33.80W PF: 0.614 Test LM: 3295.5lm						
Lamp Name: LED DOWN LIGHT		Lamp Type:		Weight(kg):		
Lamp ID: LPDL-35A-Y		Lamp Spec: LPDL-35A-Y		Shape Size:		
Manufactory: LIPER		Sur(m ²):		Protect Angle(Deg):		
Light Source Data			Photometric Data			
Model	LPDL-35A-Y		Peak Value(cd)	1084.5	Efficiency(lm/w)	97.5
Nominal P(w)	1.0		Position	180.0, 1.0	UP(C0-C180)	0.0
Rated Volt(v)	1.0		Total Flux(lm)	3295.5	Down(C0-C180)	51.6
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)	48.4

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

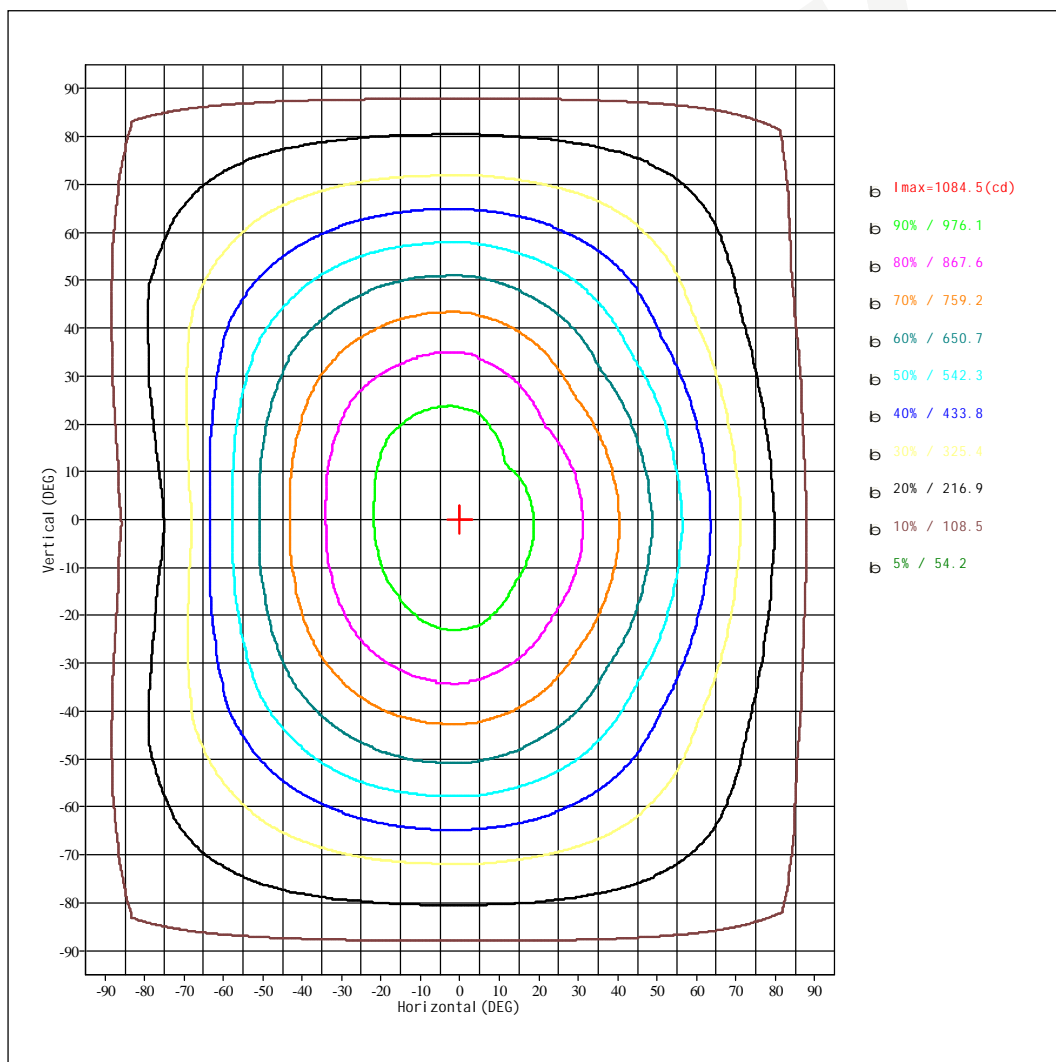
Humi dity(%): 60

Date: 2023-9-21

Remark:

Measured Para U: 215.3V I: 255.7mA P: 33.80W PF: 0.614 Test LM: 3295.5lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-35A-Y	Lamp Spec: LPDL-35A-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

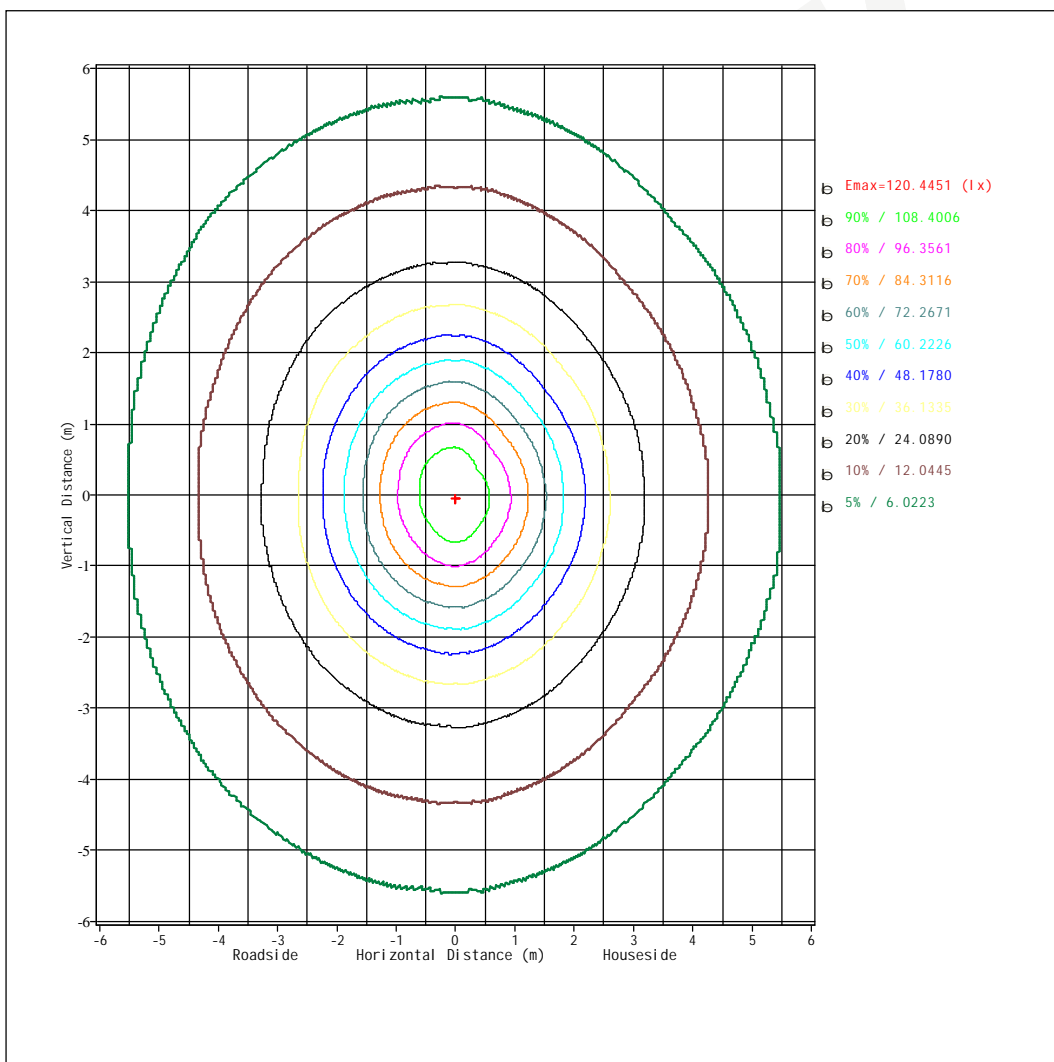
Humi di ty(%): 60

Date: 2023-9-21

Remark:

Measured Para U: 215.3V I: 255.7mA P: 33.80W PF: 0.614 Test LM: 3295.5lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-35A-Y	Lamp Spec: LPDL-35A-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: zxg

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval(Deg): 45

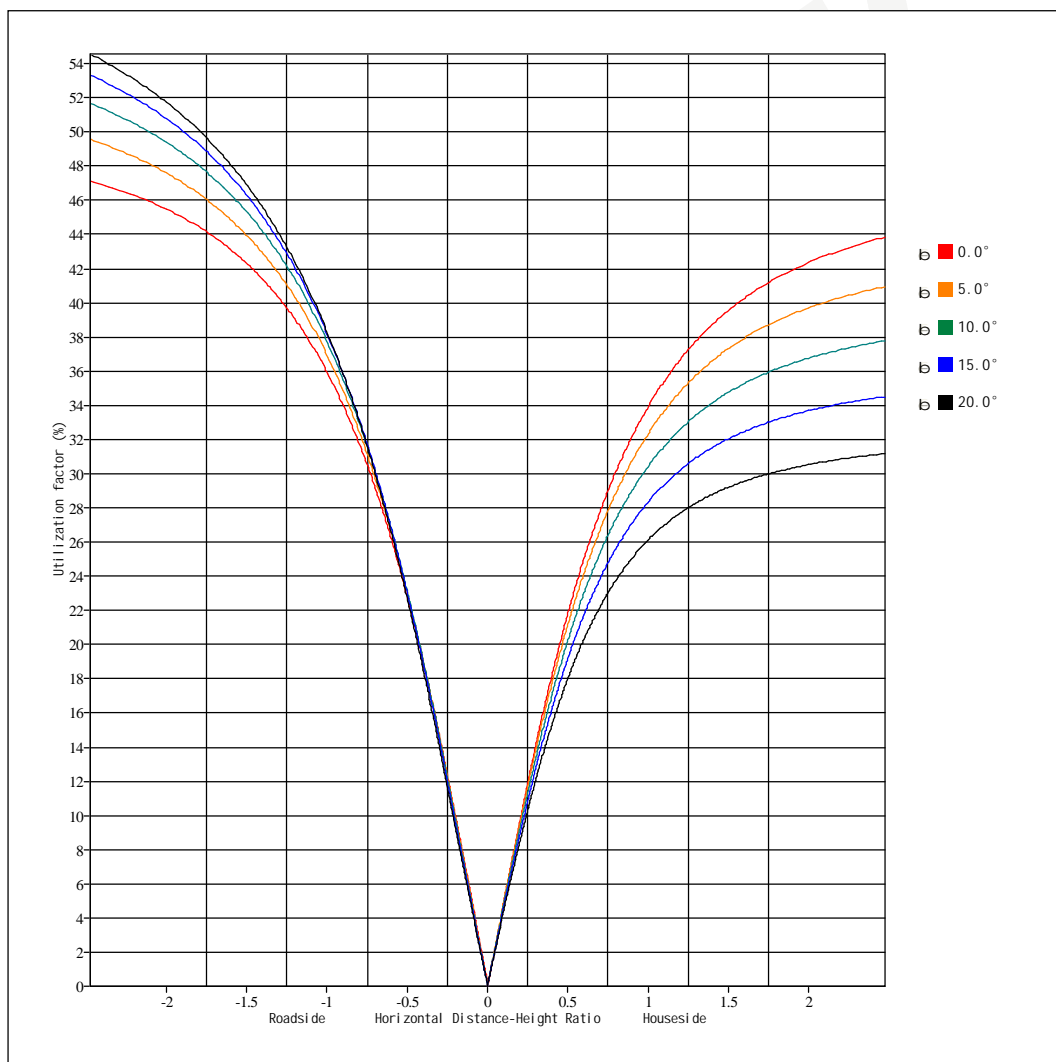
Humi di ty(%): 60

Date: 2023-9-21

Remark:

Measured Para U: 215.3V I: 255.7mA P: 33.80W PF: 0.614 Test LM: 3295.5lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-35A-Y	Lamp Spec: LPDL-35A-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 Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval(Deg): 45

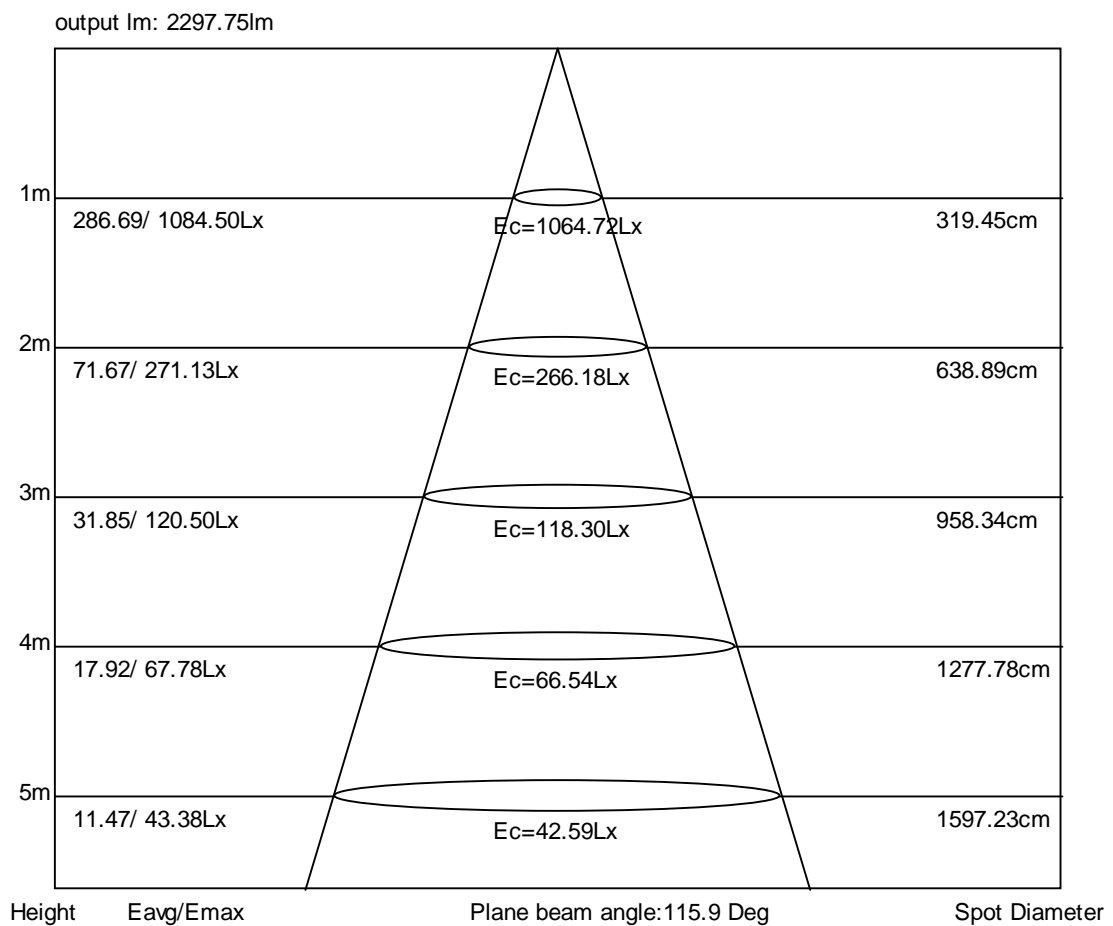
Humi di ty(%): 60

Date: 2023-9-21

Remark:

Measured Para U: 215.3V I: 255.7mA P: 33.80W PF: 0.614 Test LM: 3295.5lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-35A-Y	Lamp Spec: LPDL-35A-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: 215.3V I: 255.7mA P: 33.80W PF: 0.614 Test LM: 3295.5lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-35A-Y	Lamp Spec: LPDL-35A-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	1080	1069	1055	1049	1080	1058	1052	1037	0-5	25.4	25.4
10	1066	1061	1044	1040	1065	1038	1036	1018	5-10	75.3	101
15	1043	1042	1023	1023	1041	1009	1011	990	10-15	123	223
20	1013	1015	994	996	1008	973	977	954	15-20	166	389
25	973	979	957	961	967	928	936	909	20-25	204	593
30	924	936	911	919	918	875	887	857	25-30	235	828
35	869	884	858	869	862	816	832	799	30-35	258	1086
40	807	826	800	812	799	750	770	734	35-40	273	1359
45	739	762	735	748	730	679	705	664	40-45	279	1638
50	666	692	664	680	666	604	637	591	45-50	277	1915
55	589	618	589	607	589	526	567	515	50-55	266	2181
60	510	541	504	532	510	446	493	438	55-60	248	2429
65	430	462	393	454	430	370	417	362	60-65	221	2650
70	353	386	283	378	354	300	343	293	65-70	190	2840
75	284	313	204	306	284	234	277	228	70-75	157	2997
80	219	247	160	241	220	190	213	171	75-80	126	3123
85	164	187	119	183	165	141	159	128	80-85	98.3	3221
90	129	134	95.3	132	117	115	112	109	85-90	73.7	3295
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: 215.3V I: 255.7mA P: 33.80W PF: 0.614 Test LM: 3295.51m		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight (kg):
Lamp ID: LPDL-35A-Y	Lamp Spec: LPDL-35A-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	1080	1075	1070	1065	1058	1054	1051	1052	1066	1080	1070	1060	1056	1053	1049	1042	1042	1061
10.0	1066	1064	1061	1055	1048	1043	1042	1043	1054	1065	1053	1041	1037	1036	1032	1024	1023	1045
15.0	1043	1042	1042	1036	1027	1023	1023	1025	1033	1041	1027	1013	1010	1010	1006	997	996	1020
20.0	1013	1014	1015	1008	999	995	995	997	1003	1008	993	977	975	977	972	961	960	987
25.0	973	976	979	972	962	958	960	962	964	967	950	932	930	934	930	918	916	945
30.0	924	929	935	928	917	913	916	919	918	918	899	880	879	884	880	867	865	895
35.0	869	876	883	876	864	861	865	868	865	862	842	821	821	828	825	810	807	838
40.0	807	816	824	818	806	803	808	810	804	799	777	755	756	766	762	746	742	775
45.0	739	749	759	753	741	738	744	746	738	730	708	684	687	700	696	678	673	706
50.0	666	678	689	683	670	667	675	678	672	666	639	611	615	630	627	606	599	633
55.0	589	602	615	609	595	593	601	605	597	589	561	533	539	558	555	532	523	557
60.0	510	524	538	529	512	510	522	529	519	510	482	453	462	483	481	456	445	478
65.0	430	444	459	440	408	406	434	451	440	430	404	377	386	407	405	380	370	400
70.0	353	367	382	352	305	303	347	375	364	354	330	306	314	333	332	309	300	327
75.0	284	296	310	277	228	227	273	304	294	284	262	240	248	267	266	244	234	259
80.0	219	231	244	218	179	177	214	239	230	220	207	193	198	208	204	185	176	198
85.0	164	174	185	165	134	133	162	181	173	165	154	143	147	155	153	138	132	148
90.0	129	131	134	121	104	103	120	131	124	117	116	115	114	112	111	110	111	120
95.0																		
100.0																		
105.0																		
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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