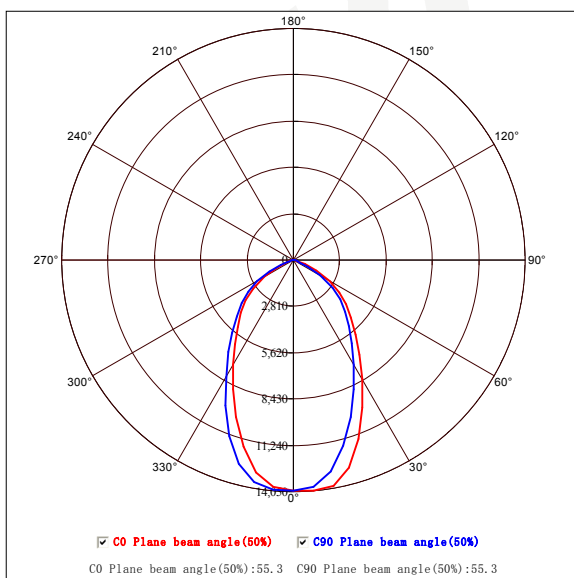


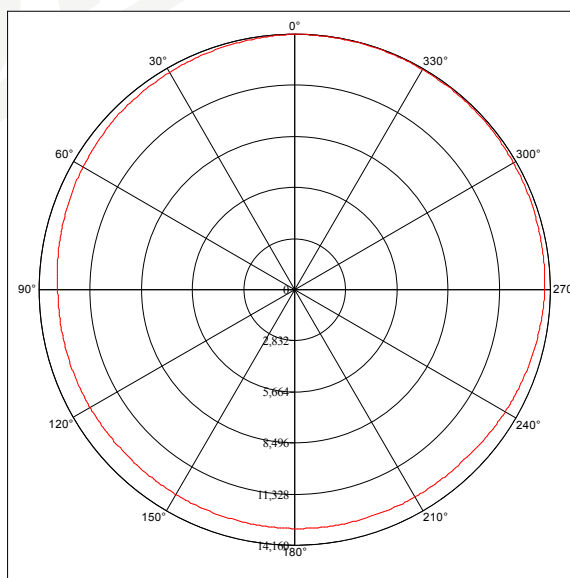
Goniophotometer Test Report

Measured Para U: 219.3V I: 583.0mA P: 122.00W PF: 0.954 Test LM: 16640.80lm						
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)	13985.3	Efficiency(lm/w)	136.4
Nominal P(w)		0.0	Position	0.0, 5.0	UP(C0-C180)	0.0
Rated Volt(v)		0.0	Total Flux(lm)	16640.8	Down(C0-C180)	48.7
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)	51.3

Planar Intensity Distribution Curve



Peak Point Conical surface Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

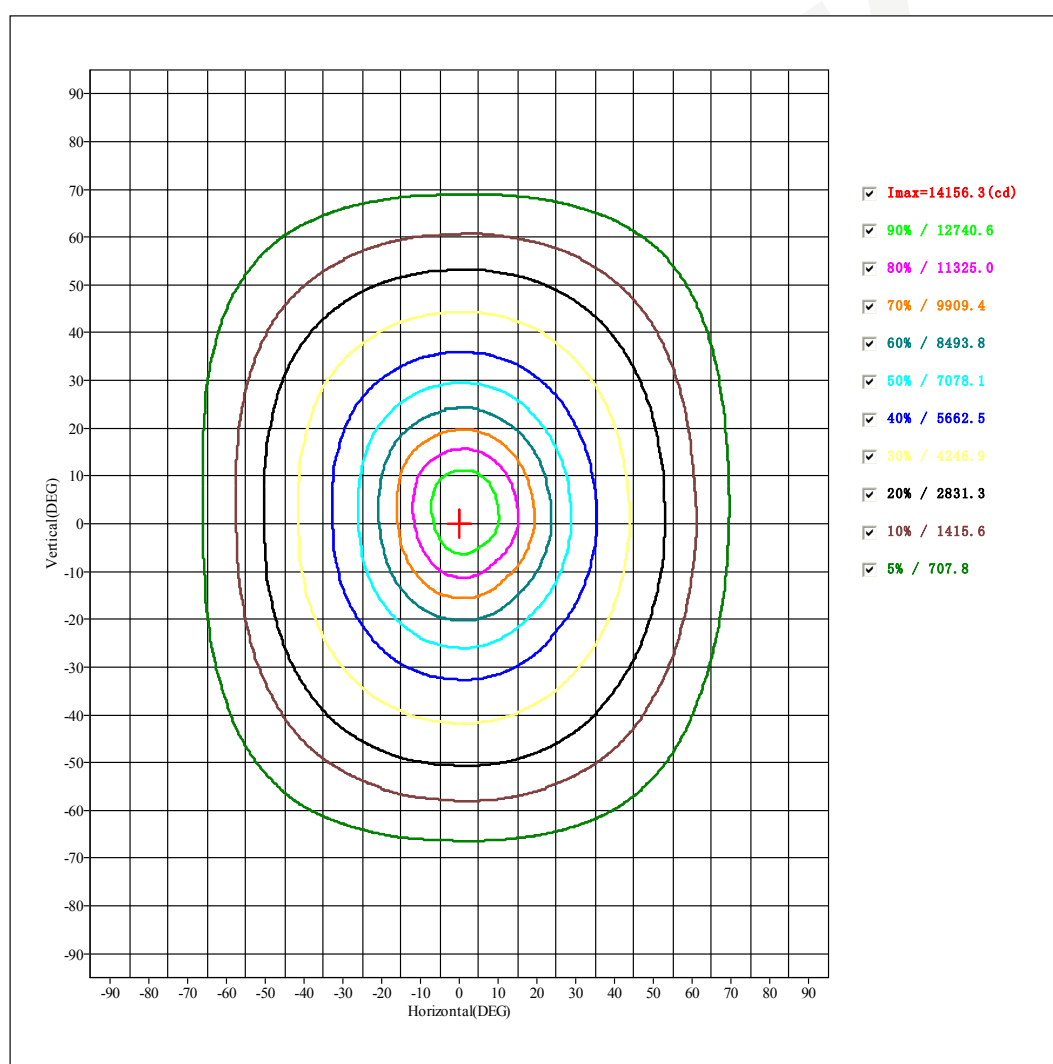
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.3V I: 583.0mA P: 122.00W PF: 0.954 Test LM: 16640.80lm		
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): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

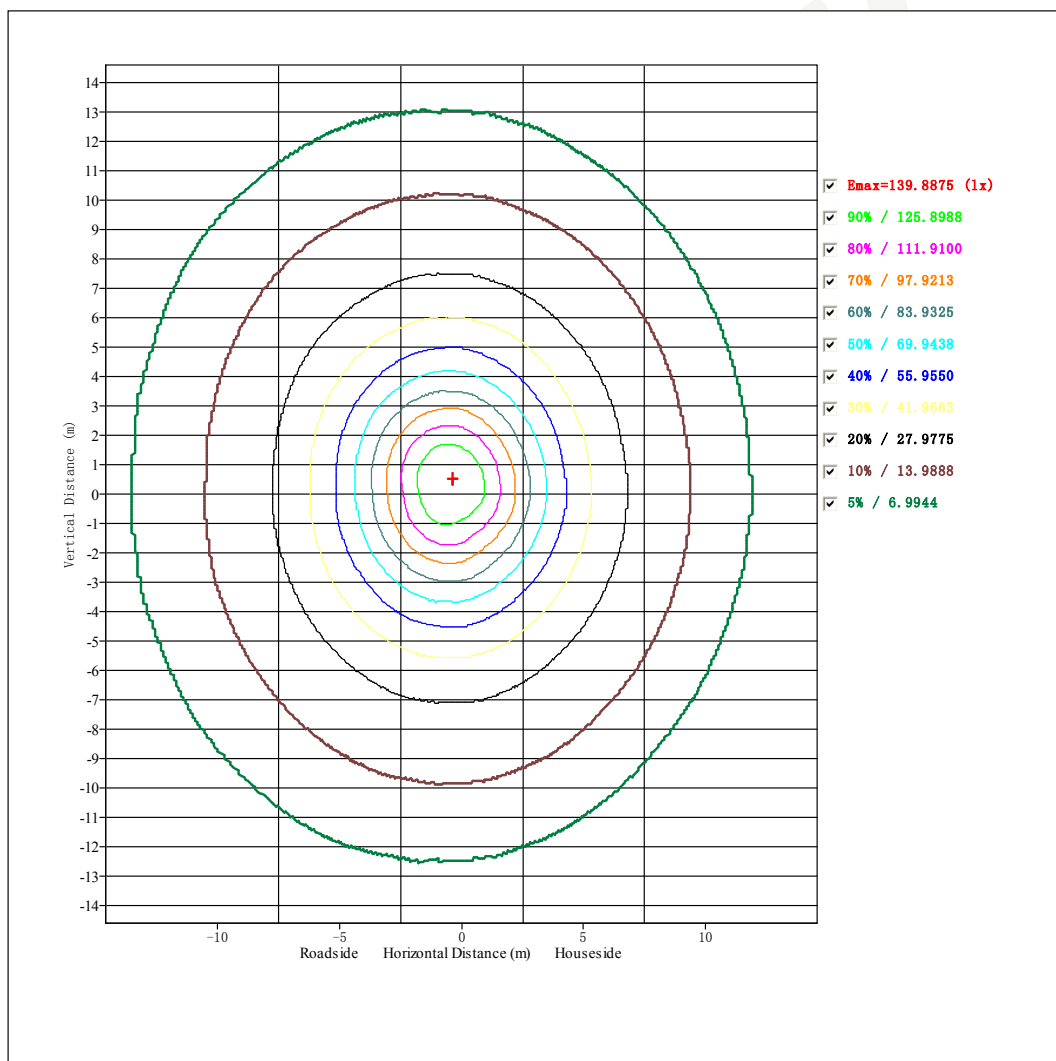
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.3V I: 583.0mA P: 122.00W PF: 0.954 Test LM: 16640.80lm		
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): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

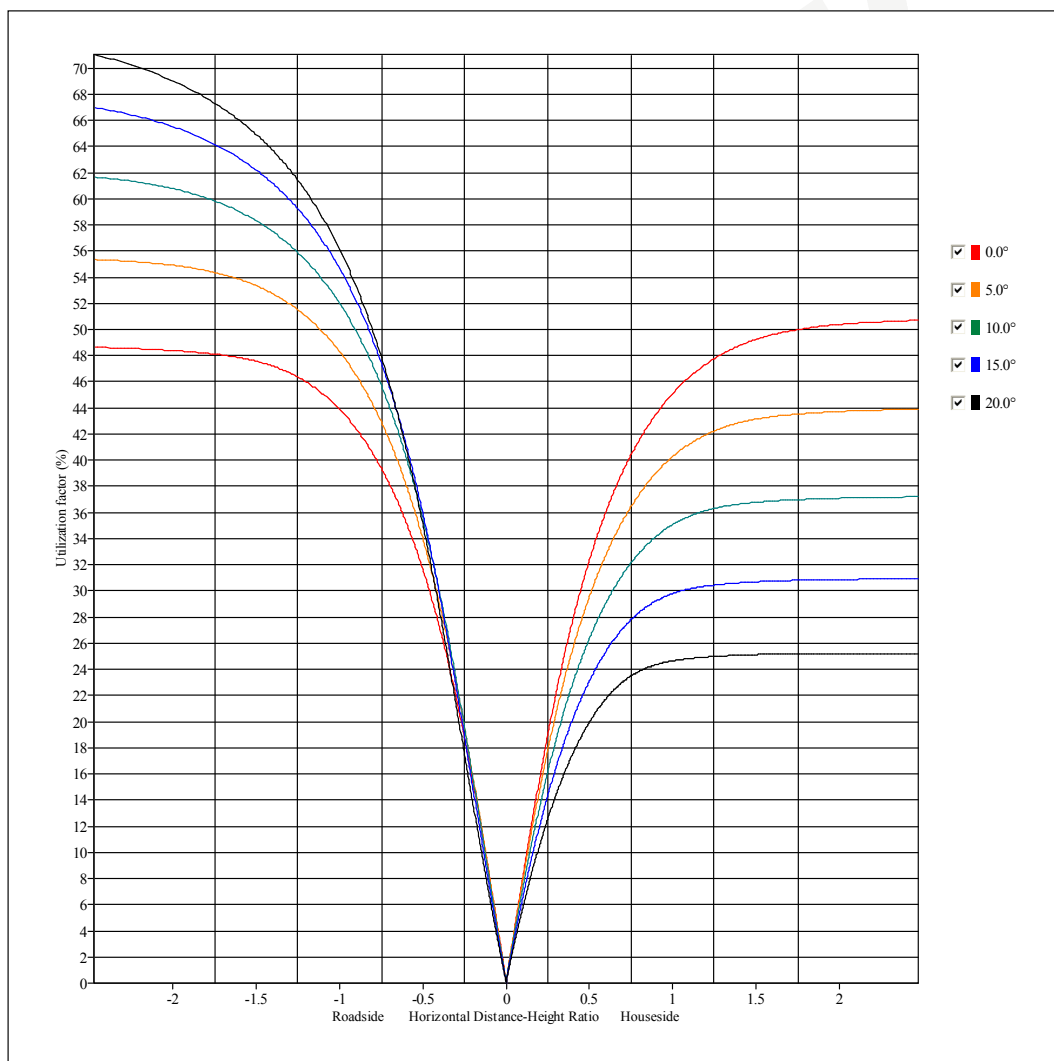
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.3V I: 583.0mA P: 122.00W PF: 0.954 Test LM: 16640.80lm		
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): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

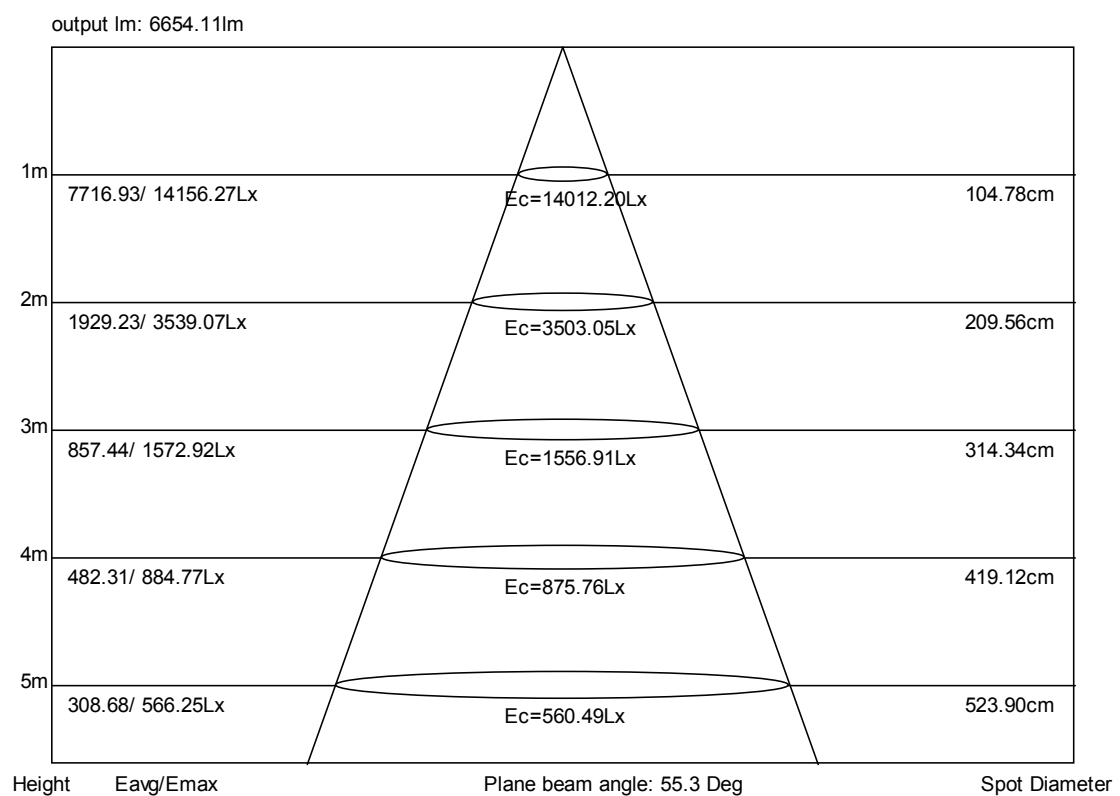
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.3V I: 583.0mA P: 122.00W PF: 0.954 Test LM: 16640.80lm		
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): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.3V I: 583.0mA P: 122.00W PF: 0.954 Test LM: 16640.80lm		
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	14156	13767	13129	13058	13241	13292	13857	14083	0-5	328	328
10	13214	12746	11758	11554	11744	11931	12924	13211	5-10	924	1252
15	11600	11161	10111	9938	10107	10280	11404	11658	10-15	1368	2620
20	9831	9507	8563	8425	8558	8695	9690	9890	15-20	1636	4256
25	8252	7990	7231	7129	7257	7347	8098	8218	20-25	1760	6016
30	6921	6753	6128	6066	6156	6201	6784	6873	25-30	1790	7806
35	5859	5730	5209	5166	5240	5271	5684	5786	30-35	1761	9567
40	4907	4836	4432	4406	4472	4475	4810	4867	35-40	1690	11256
45	4125	4094	3729	3734	3811	3775	4057	4093	40-45	1586	12842
50	3433	3366	2976	2978	3052	3049	3359	3399	45-50	1438	14281
55	2609	2486	1917	1919	2045	2133	2585	2603	50-55	1191	15472
60	1492	1326	827	817	917	1018	1576	1586	55-60	802	16275
65	585	516	359	411	368	451	643	646	60-65	410	16685
70	306	338	236	268	250	284	299	370	65-70	200	16885
75	185	183	115	121	135	136	193	223	70-75	119	17004
80	83.4	77	31	43.8	50	51.8	86.5	86.2	75-80	60.2	17064
85	13.9	12.2	1.91	2.28	4.7	4.48	2.18	18	80-85	19.3	17083
90	0.33	0.59	0.56	0.79	0.55	0.29	0.5	0.7	85-90	2.19	17085
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): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 219.3V I: 583.0mA P: 122.00W PF: 0.954 Test LM: 16640.80lm		
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	14k	14k	14k	14k	13k	13k	13k	13k	13k	13k	13k	13k	13k	14k	14k	14k	14k	14k
10.0	13k	13k	13k	12k	12k	12k	12k	12k	12k	12k	12k	12k	12k	13k	13k	13k	13k	13k
15.0	12k	11k	11k	11k	10k	10k	9995	9956	10k	10k	10k	10k	11k	11k	11k	12k	12k	12k
20.0	9831	9689	9542	9197	8769	8533	8470	8440	8500	8558	8618	8680	9022	9472	9734	9824	9883	9857
25.0	8252	8137	8018	7741	7397	7208	7162	7143	7201	7257	7296	7337	7593	7934	8124	8179	8221	8237
30.0	6921	6847	6772	6548	6265	6115	6086	6076	6116	6156	6176	6196	6393	6657	6804	6844	6878	6900
35.0	5859	5802	5744	5559	5323	5200	5180	5174	5208	5240	5254	5268	5407	5594	5706	5752	5794	5827
40.0	4907	4876	4844	4703	4520	4426	4414	4413	4443	4472	4473	4474	4585	4737	4822	4848	4871	4890
45.0	4125	4111	4097	3974	3809	3730	3733	3743	3777	3811	3795	3779	3867	3995	4065	4081	4096	4111
50.0	3433	3403	3373	3238	3061	2977	2978	2986	3020	3052	3051	3049	3151	3291	3368	3386	3402	3418
55.0	2609	2555	2499	2299	2041	1917	1918	1933	1990	2045	2084	2124	2282	2486	2589	2597	2604	2606
60.0	1492	1419	1344	1162	936	825	821	828	873	917	961	1007	1201	1454	1578	1583	1575	1533
65.0	585	555	524	464	393	370	394	406	387	368	405	442	514	601	644	645	639	612
70.0	306	320	335	305	258	243	257	266	258	250	265	280	289	296	314	346	363	334
75.0	185	184	183	161	130	116	119	123	129	135	135	136	155	181	200	213	219	202
80.0	83.4	80.6	77.7	61.9	41	33.8	39.6	44.5	47.3	50	50.8	51.6	63.2	78.9	86.4	86.3	85.9	84.6
85.0	13.9	13.1	12.4	8.81	4.16	2	2.16	2.55	3.64	4.7	4.61	4.5	3.73	2.68	5.65	12.8	17.6	15.7
90.0	0.33	0.45	0.56	0.58	0.56	0.61	0.71	0.76	0.65	0.55	0.44	0.32	0.36	0.45	0.54	0.63	0.66	0.49
95.0																		
100.0																		
105.0																		
110.0																		
115.0																		
120.0																		
125.0																		
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160.0																		
165.0																		
170.0																		
175.0																		
180.0																		

Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 5

Temperature(Deg): 25

Tester:

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2019-5-22

Remark: