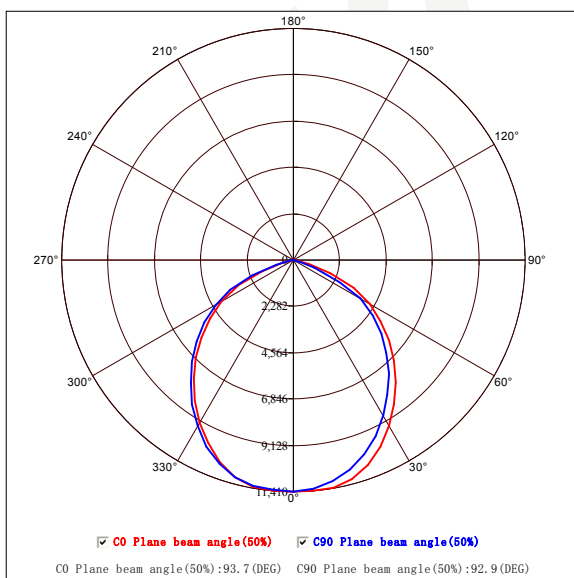


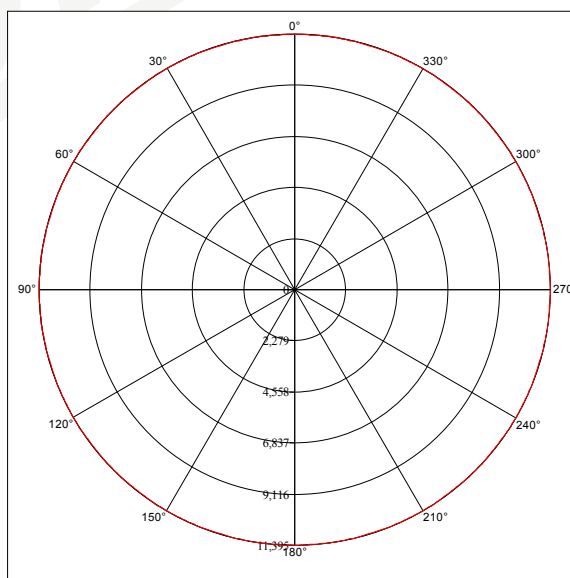
Goniophotometer Test Report

Measured Para U: 119.9V I: 1639.0mA P: 196.20W PF: 0.998 Test LM: 26800.92lm						
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)	16543.2	Efficiency(lm/w)	136.6
Nominal P(w)		0.0	Position	0.0,0.0	UP(C0-C180)	0.0
Rated Volt(v)		0.0	Total Flux(lm)	26800.92	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

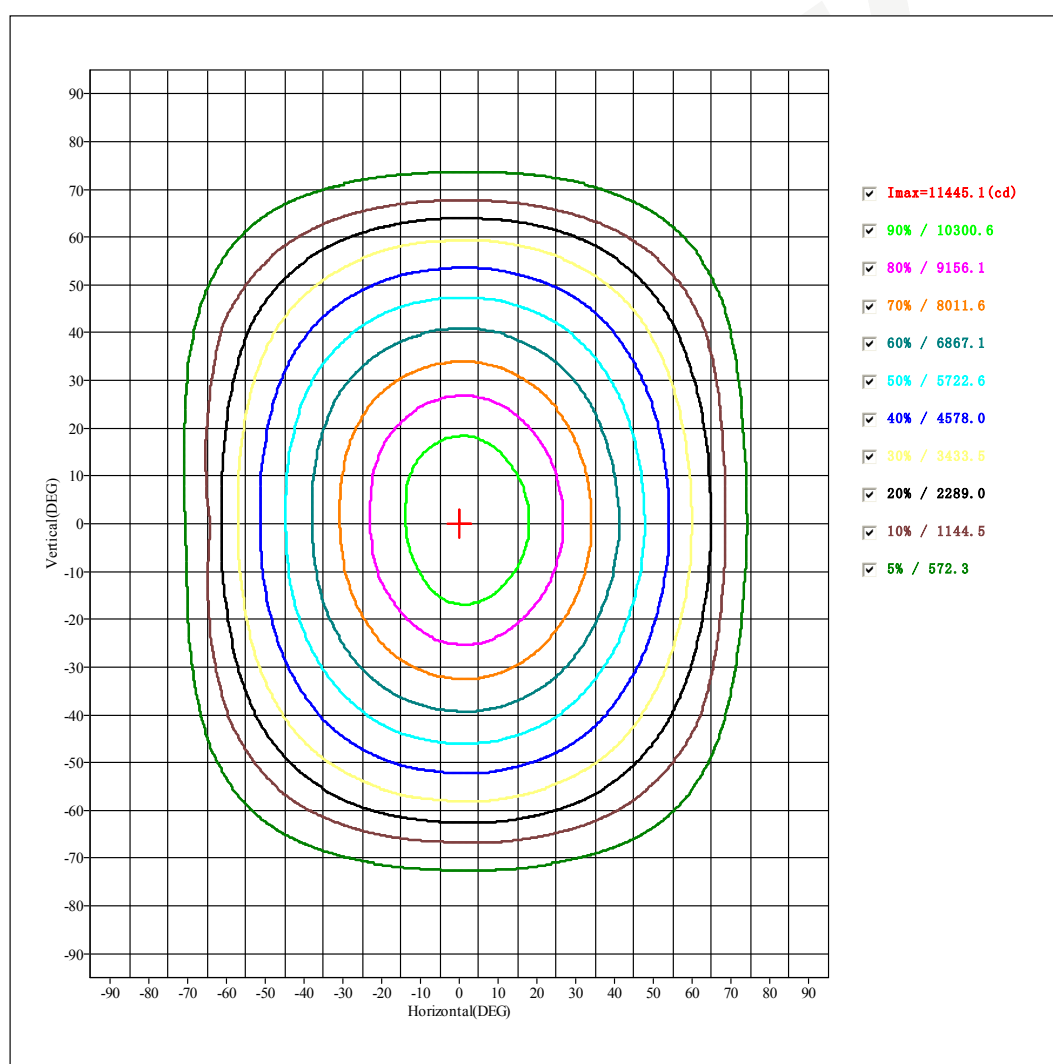
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1639.0mA P: 196.20W PF: 0.998 Test LM: 26800.92lm		
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

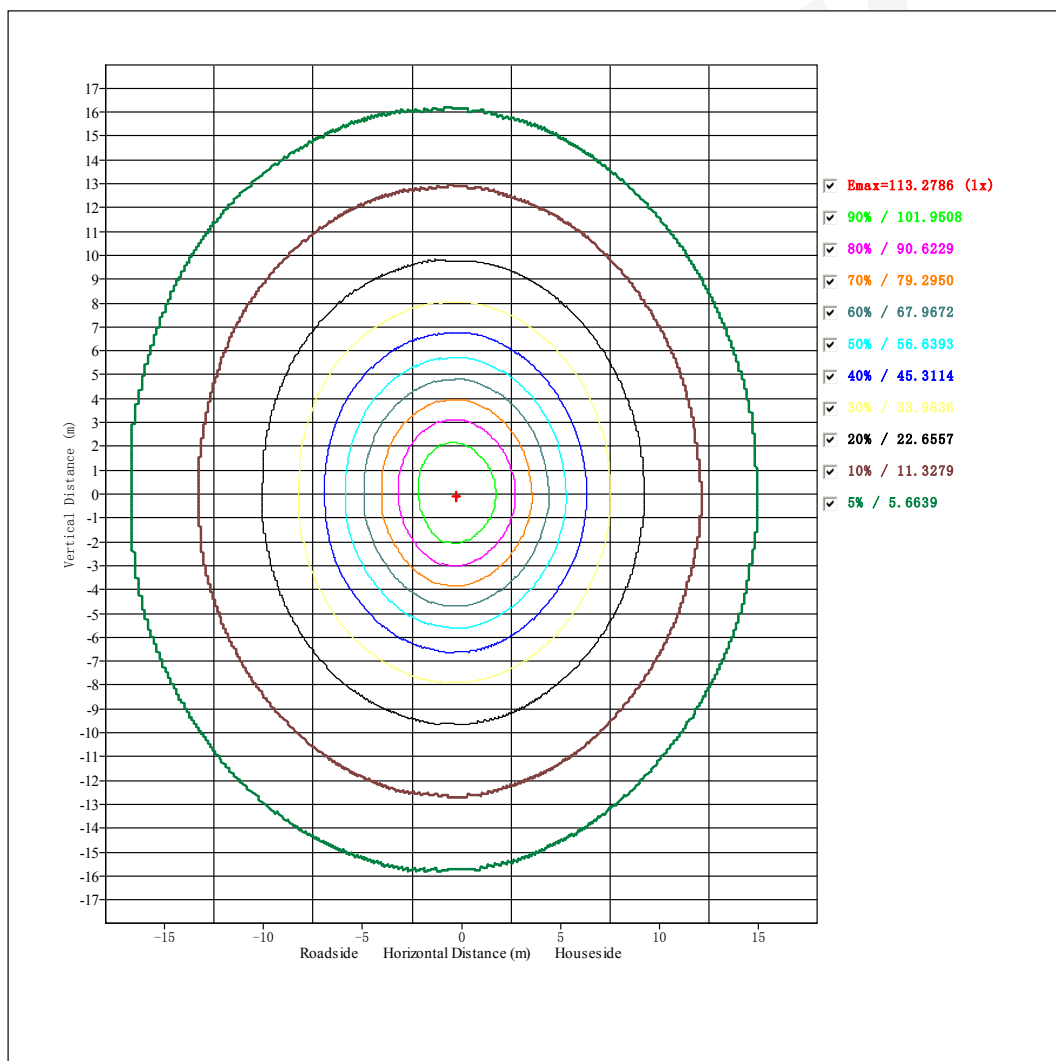
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1639.0mA P: 196.20W PF: 0.998 Test LM: 26800.92lm		
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

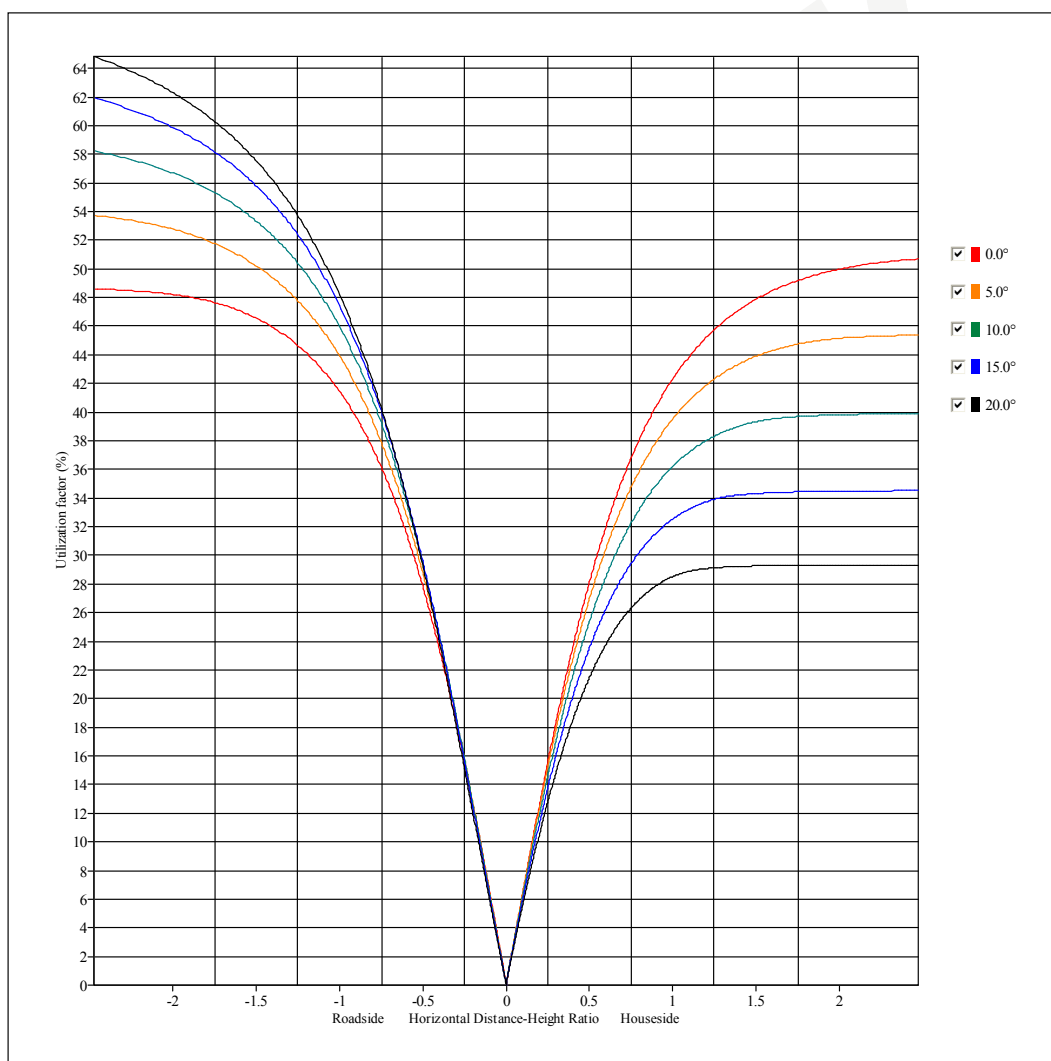
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1639.0mA P: 196.20W PF: 0.998 Test LM: 26800.92lm		
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

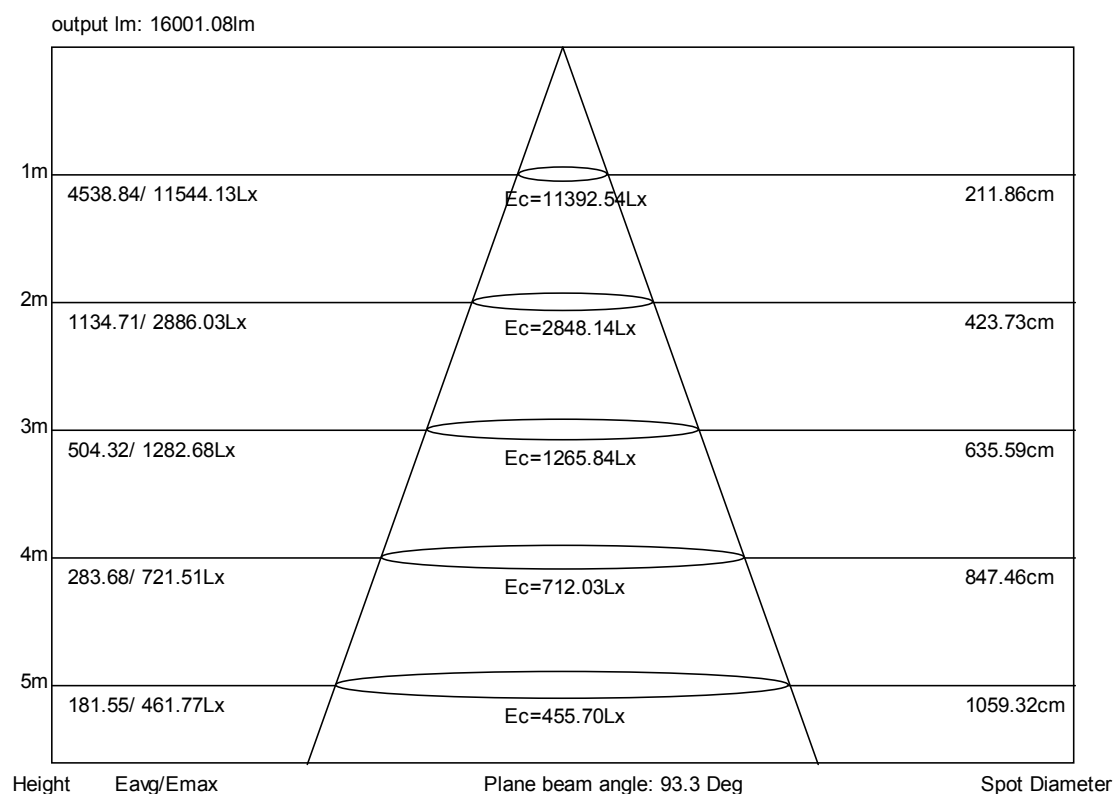
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1639.0mA P: 196.20W PF: 0.998 Test LM: 26800.92lm		
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: 119.9V I: 1639.0mA P: 196.20W PF: 0.998 Test LM: 26800.92lm		
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	11445	11269	11098	11086	11420	11333	11317	11235	0-5	271	271
10	11208	10991	10728	10756	11117	11049	11103	11021	5-10	796	1066
15	10778	10526	10215	10247	10609	10582	10708	10663	10-15	1276	2342
20	10159	9930	9564	9629	9974	9953	10154	10115	15-20	1685	4027
25	9444	9239	8850	8931	9249	9245	9465	9432	20-25	2008	6035
30	8684	8506	8107	8192	8443	8466	8680	8667	25-30	2237	8272
35	7860	7723	7314	7405	7630	7649	7882	7873	30-35	2373	10645
40	7033	6923	6510	6583	6791	6797	7059	7022	35-40	2418	13063
45	6160	6054	5669	5737	5924	5941	6220	6174	40-45	2372	15435
50	5270	5162	4777	4856	5022	5049	5332	5287	45-50	2236	17671
55	4351	4249	3851	3946	4092	4134	4432	4383	50-55	2014	19686
60	3346	3189	2726	2797	3041	3124	3453	3393	55-60	1688	21374
65	2057	1898	745	1553	1600	1922	2383	2215	60-65	1196	22570
70	397	788	273	574	331	843	499	1030	65-70	603	23173
75	207	205	141	147	170	192	212	279	70-75	205	23378
80	94.3	67.5	49.3	47.1	69.9	57.3	101	80.5	75-80	70.8	23449
85	18.4	9.06	1.84	2.56	9.52	4.95	1.84	12.1	80-85	21.3	23470
90	0.74	1.44	1.2	1.57	1.03	0.72	0.64	0.63	85-90	2.34	23472
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: 119.9V I: 1639.0mA P: 196.20W PF: 0.998 Test LM: 26800.92lm		
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	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k
10.0	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k	11k
15.0	11k	11k	11k	10k	10k	10k	10k	10k	10k	11k	11k	11k	11k	11k	11k	11k	11k	11k
20.0	10k	10k	9955	9810	9644	9578	9608	9667	9823	9974	9965	9955	10k	10k	10k	10k	10k	10k
25.0	9444	9354	9261	9111	8935	8868	8905	8966	9110	9249	9247	9246	9318	9417	9458	9443	9433	9439
30.0	8684	8606	8525	8375	8194	8126	8164	8219	8333	8443	8453	8464	8536	8633	8677	8671	8668	8676
35.0	7860	7800	7738	7589	7404	7334	7375	7430	7532	7630	7638	7647	7725	7831	7880	7876	7872	7866
40.0	7033	6985	6935	6787	6600	6526	6559	6606	6700	6791	6794	6797	6883	7001	7051	7034	7023	7028
45.0	6160	6113	6065	5927	5753	5684	5715	5757	5842	5924	5931	5939	6032	6159	6210	6189	6172	6166
50.0	5270	5223	5174	5036	4861	4794	4830	4874	4949	5022	5034	5046	5142	5270	5322	5301	5285	5277
55.0	4351	4306	4260	4118	3938	3872	3915	3962	4028	4092	4110	4130	4232	4367	4421	4399	4380	4365
60.0	3346	3278	3206	3037	2828	2742	2774	2823	2934	3041	3077	3115	3232	3381	3440	3413	3388	3367
65.0	2057	1987	1915	1520	997	922	1288	1558	1580	1600	1741	1887	2073	2282	2347	2270	2198	2126
70.0	397	568	745	619	385	339	475	547	437	331	555	787	730	574	615	856	961	674
75.0	207	206	205	184	155	142	145	150	160	170	179	189	199	208	227	257	271	239
80.0	94.3	82.6	70.4	61.5	53.3	48.8	47.8	49.6	59.9	69.9	64.4	58.7	71.5	91.2	96.2	87.1	82	88.2
85.0	18.4	14.3	10.1	6.69	3.42	1.99	2.33	3.33	6.47	9.52	7.52	5.45	3.93	2.52	4.09	8.75	12.8	15.7
90.0	0.74	1.04	1.36	1.36	1.25	1.28	1.45	1.51	1.26	1.03	0.89	0.76	0.7	0.66	0.64	0.63	0.64	0.69
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)

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: