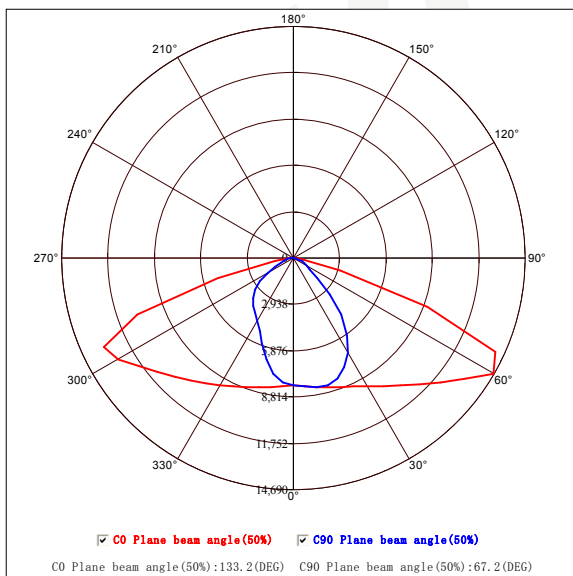


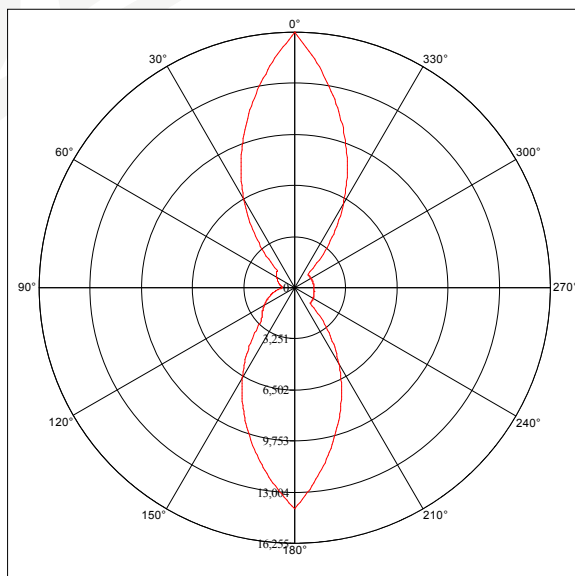
Goniophotometer Test Report

Measured Para U: 119.9V I: 1644.0mA P: 196.90W PF: 0.999 Test LM: 26423.98lm						
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)	16251.4	Efficiency (lm/w)	134.2
Nominal P (w)		0.0	Position	0.0, 60.0	UP (C0-C180)	0.0
Rated Volt (v)		0.0	Total Flux (lm)	26423.98	Down (C0-C180)	56.3
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)	43.7

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

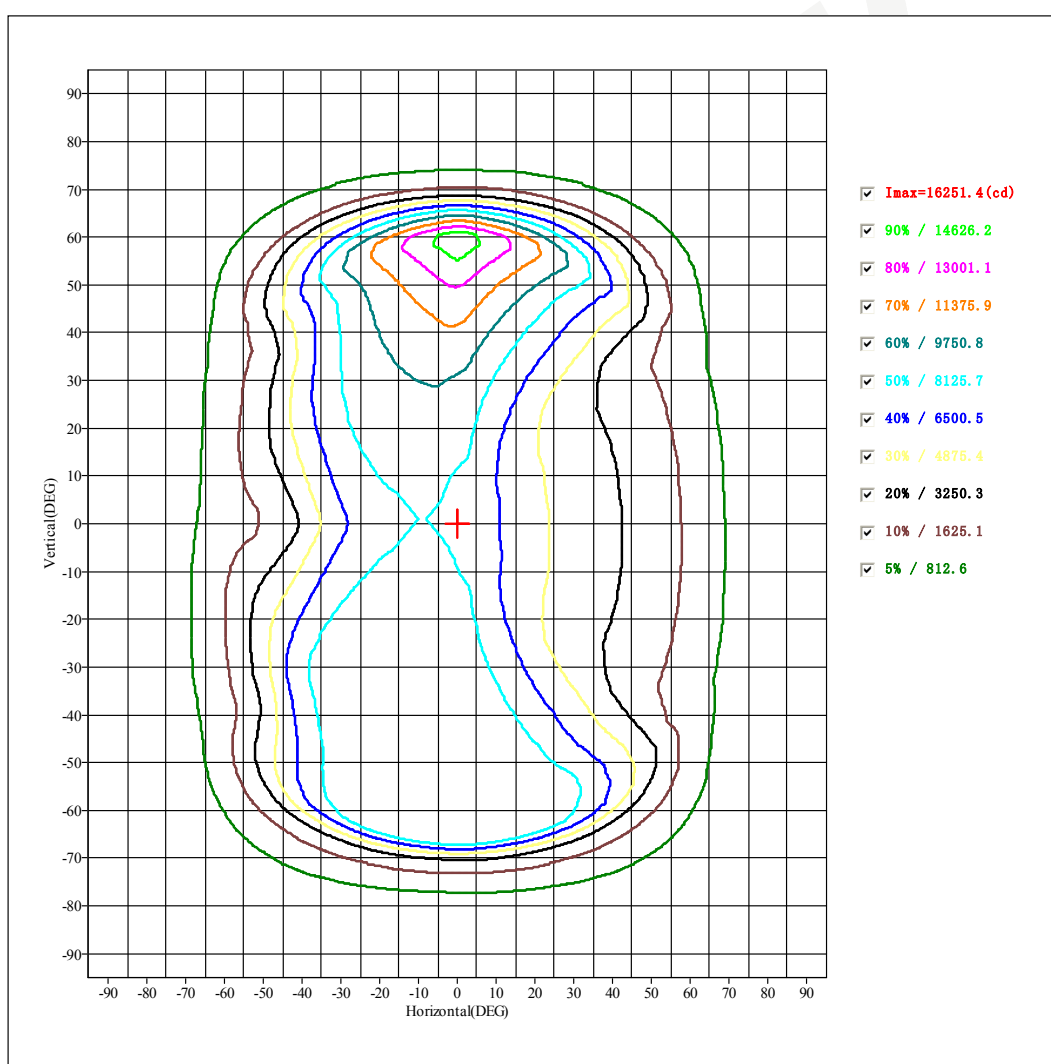
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1644.0mA P: 196.90W PF: 0.999 Test LM: 26423.98lm		
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

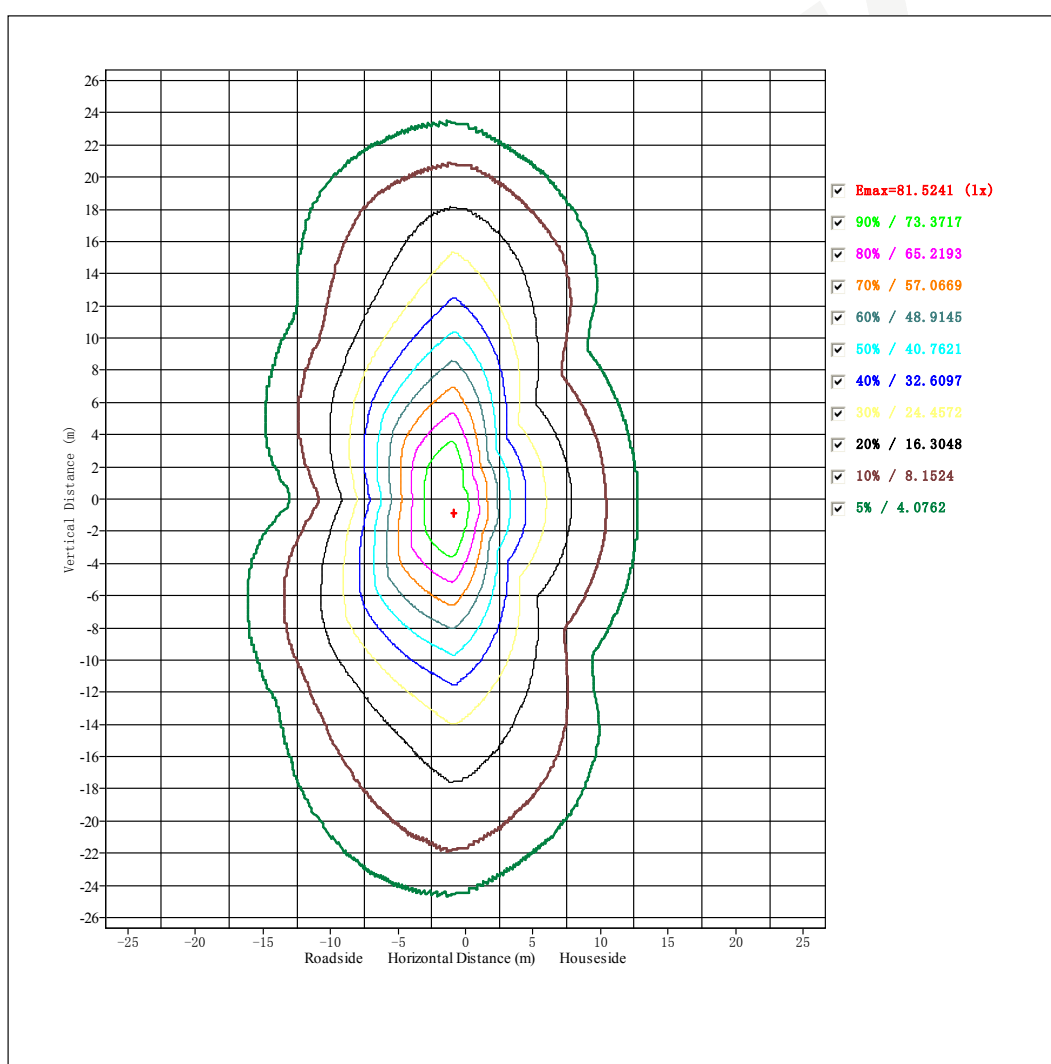
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1644.0mA P: 196.90W PF: 0.999 Test LM: 26423.98lm		
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

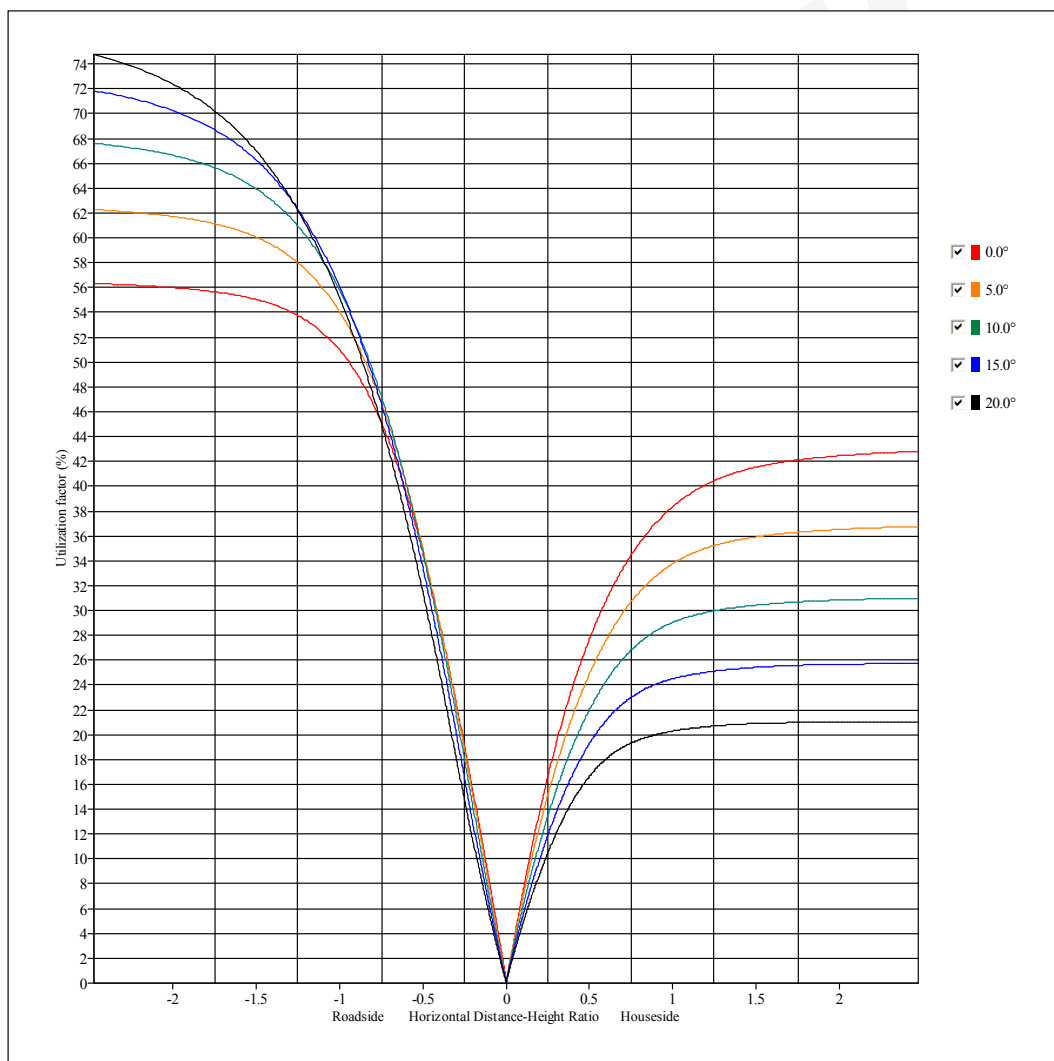
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1644.0mA P: 196.90W PF: 0.999 Test LM: 26423.98lm		
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

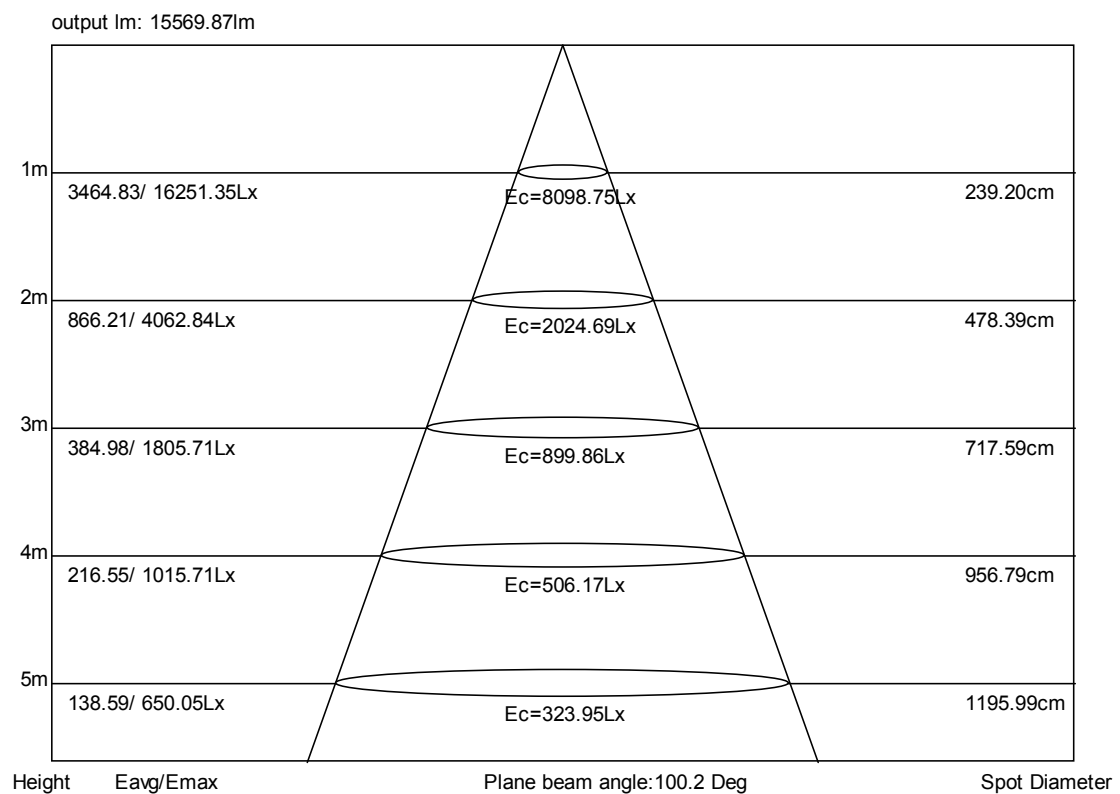
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1644.0mA P: 196.90W PF: 0.999 Test LM: 26423.98lm		
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: 1644.0mA P: 196.90W PF: 0.999 Test LM: 26423.98lm		
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	8311	8364	8365	8229	8341	7769	7505	7496	0-5	193	193
10	8465	8544	8403	8499	8491	7240	6652	6941	5-10	570	763
15	8703	8698	8190	8764	8716	6520	5718	6251	10-15	925	1687
20	8981	8821	7719	9009	8976	5722	4993	5506	15-20	1249	2936
25	9365	8856	6990	9229	9273	5039	4574	4891	20-25	1546	4482
30	9892	8823	6047	9423	9659	4543	4217	4403	25-30	1822	6304
35	10516	8628	4778	9568	10114	4063	3927	3915	30-35	2070	8374
40	11291	8108	3237	9471	10637	3644	3619	3499	35-40	2273	10647
45	12219	7162	1763	8965	11244	3236	3197	3043	40-45	2414	13061
50	13236	5486	1187	7764	11894	2718	2581	2451	45-50	2478	15539
55	14621	3268	957	5578	12698	2103	1935	1817	50-55	2453	17992
60	16251	1573	767	2972	14043	1409	1227	1171	55-60	2380	20371
65	9326	847	574	1260	12367	879	835	783	60-65	2011	22383
70	1336	517	367	654	3425	597	589	535	65-70	1101	23483
75	296	236	196	336	572	354	432	264	70-75	349	23832
80	69.9	75.4	59.4	124	196	143	164	93.3	75-80	121	23953
85	4.52	4.04	2.13	21.5	45.4	23.9	1.89	6.56	80-85	35.1	23988
90	6.75	1.34	1.06	1.05	3.92	0.86	0.69	1.18	85-90	4.34	23992
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: 1644.0mA P: 196.90W PF: 0.999 Test LM: 26423.98lm		
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	8311	8334	8358	8364	8365	8336	8274	8241	8292	8341	8091	7831	7682	7563	7503	7499	7585	7954
10.0	8465	8500	8535	8498	8434	8424	8467	8498	8494	8491	7944	7376	7047	6780	6715	6846	7108	7798
15.0	8703	8701	8699	8531	8301	8316	8576	8759	8737	8716	7755	6761	6257	5894	5835	6076	6519	7630
20.0	8981	8911	8838	8459	7960	8001	8586	9005	8990	8976	7552	6078	5483	5152	5105	5337	5886	7460
25.0	9365	9142	8911	8243	7398	7479	8494	9234	9254	9273	7421	5502	4886	4676	4643	4787	5381	7408
30.0	9892	9425	8940	7912	6654	6786	8315	9449	9556	9659	7421	5103	4436	4289	4258	4342	5004	7491
35.0	11k	9690	8834	7365	5620	5826	7997	9628	9875	10k	7467	4725	4018	3957	3924	3919	4637	7628
40.0	11k	9898	8456	6510	4303	4601	7426	9599	10k	11k	7578	4409	3636	3624	3593	3539	4352	7882
45.0	12k	10k	7716	5391	2944	3338	6602	9214	10k	11k	7740	4112	3223	3206	3164	3094	4047	8205
50.0	13k	9845	6334	4076	2128	2626	5606	8216	10k	12k	7880	3722	2673	2611	2552	2494	3631	8518
55.0	15k	9654	4510	2510	1462	1968	4062	6357	9583	13k	8063	3262	2048	1972	1909	1856	3218	9020
60.0	16k	9830	3179	1309	943	1249	2248	4183	9199	14k	8516	2791	1349	1267	1215	1189	2820	9654
65.0	9326	5617	1775	758	634	724	1035	2475	7508	12k	7341	2135	864	844	823	800	1718	5589
70.0	1336	978	607	468	400	430	560	957	2213	3425	2188	906	594	590	577	552	622	985
75.0	296	269	242	223	205	227	290	362	469	572	477	378	380	415	395	319	267	282
80.0	69.9	72.3	74.8	70.2	62.9	73.6	103	132	165	196	173	149	150	159	149	117	90.7	80.1
85.0	4.52	4.31	4.09	3.41	2.55	6.36	15.1	24.1	34.9	45.4	36	26.2	16.6	6.69	2.91	5.03	6.34	5.41
90.0	6.75	4.38	1.93	1.25	1.12	1.06	1.06	1.37	2.67	3.92	2.58	1.19	0.8	0.72	0.79	1.02	1.79	4.31
95.0																		
100.0																		
105.0																		
110.0																		
115.0																		
120.0																		
125.0																		
130.0																		
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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: