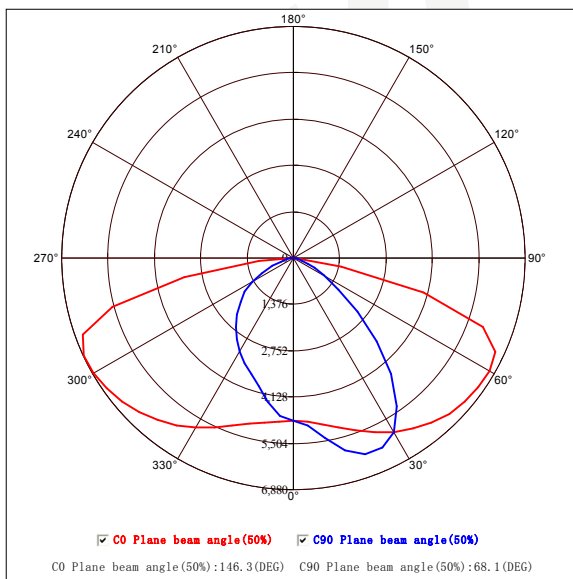


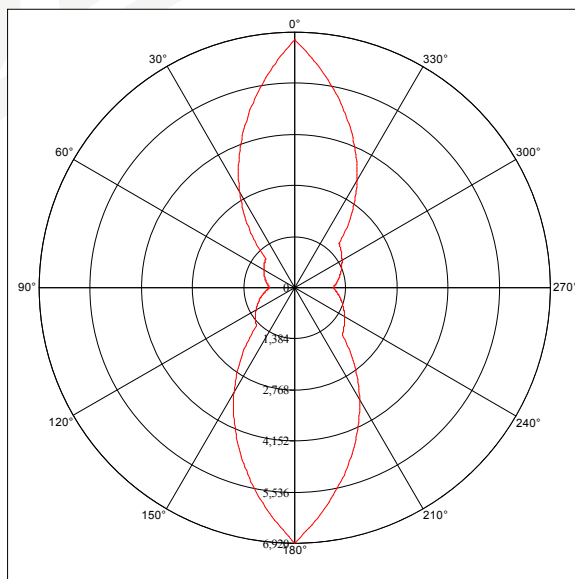
Goniophotometer Test Report

Measured Para U: 119.9V I: 1026.0mA P: 122.50W PF: 0.996 Test LM: 17137.75lm						
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)	6862.3	Efficiency(lm/w)	139.9
Nominal P(w)		0.0	Position	180.0, 60.0	UP(C0-C180)	0.0
Rated Volt(v)		0.0	Total Flux(lm)	17137.75	Down(C0-C180)	54.7
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)	45.3

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

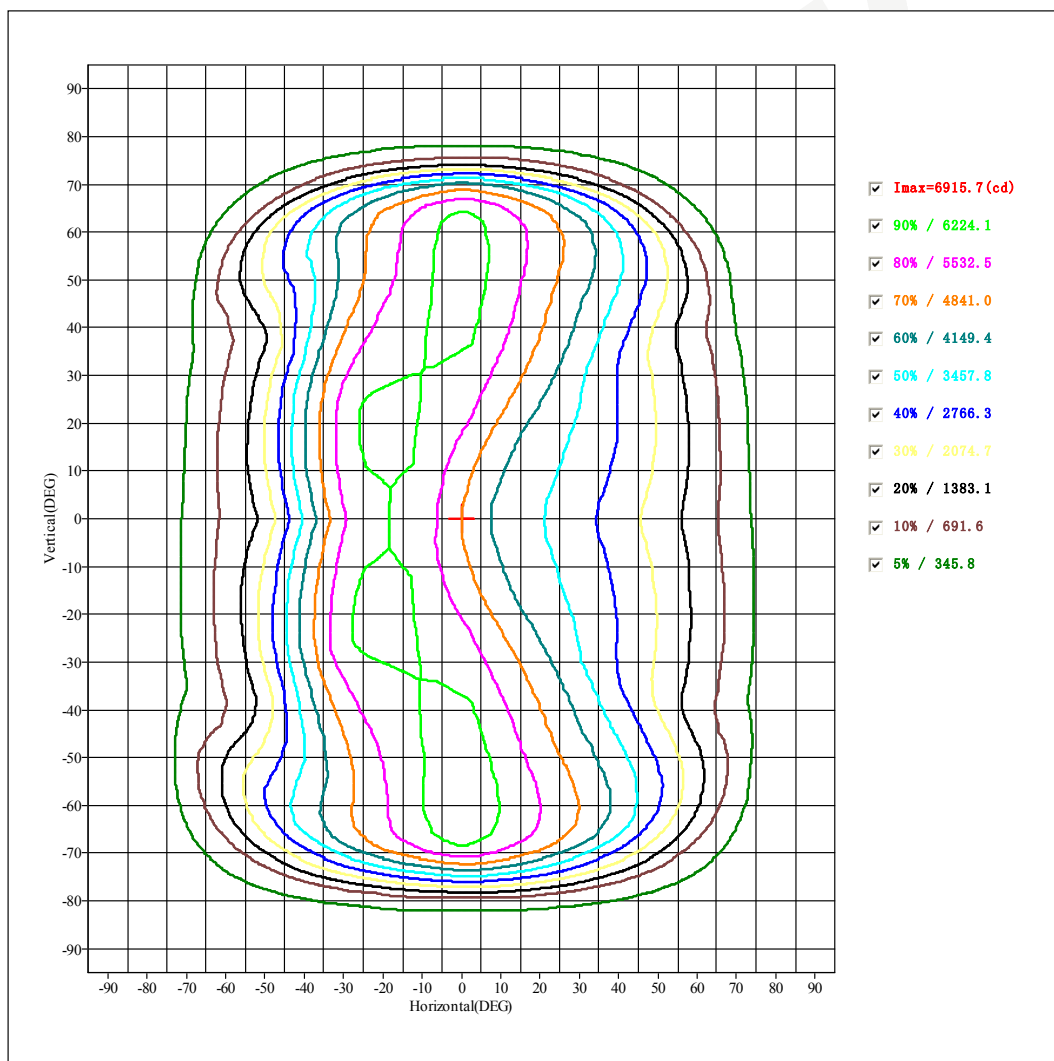
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1026.0mA P: 122.50W PF: 0.996 Test LM: 17137.75lm		
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

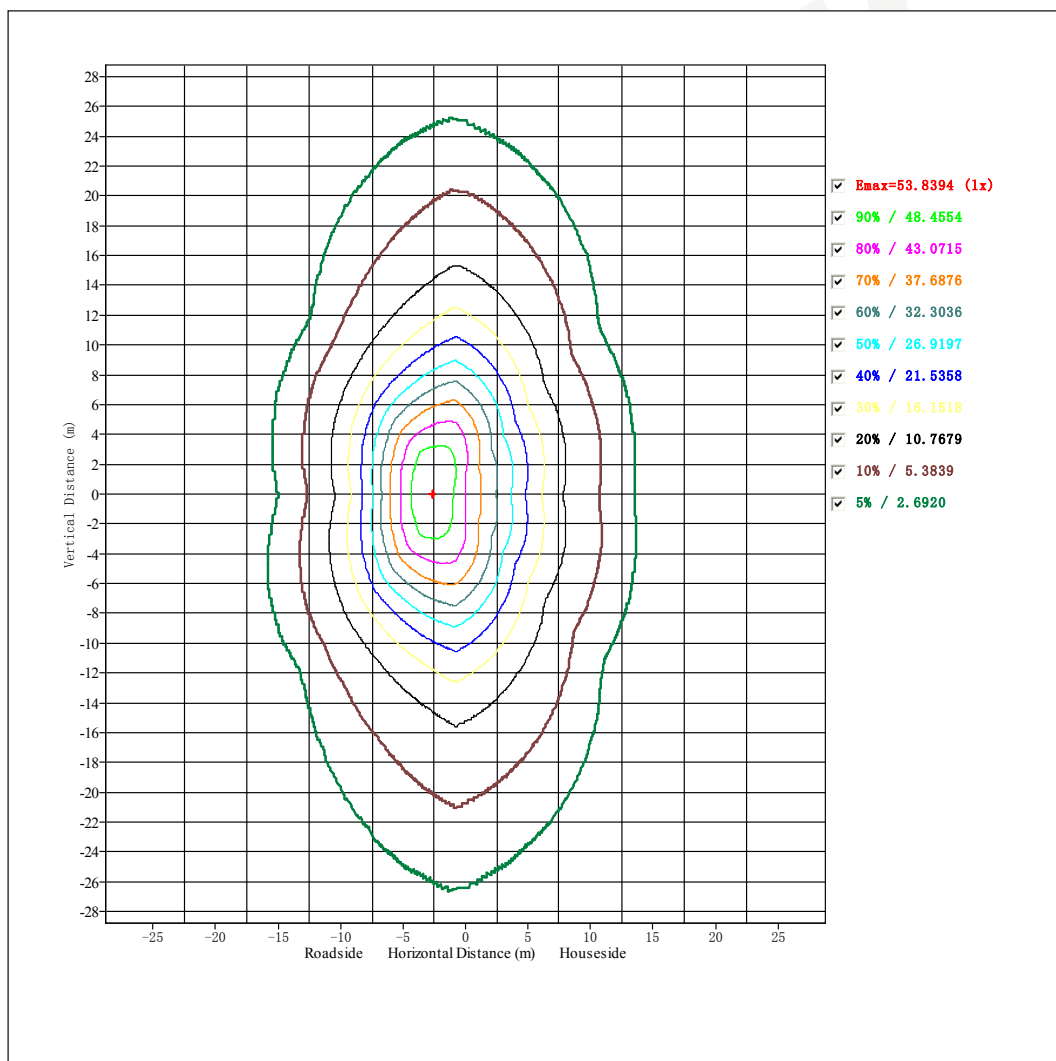
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1026.0mA P: 122.50W PF: 0.996 Test LM: 17137.75lm		
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

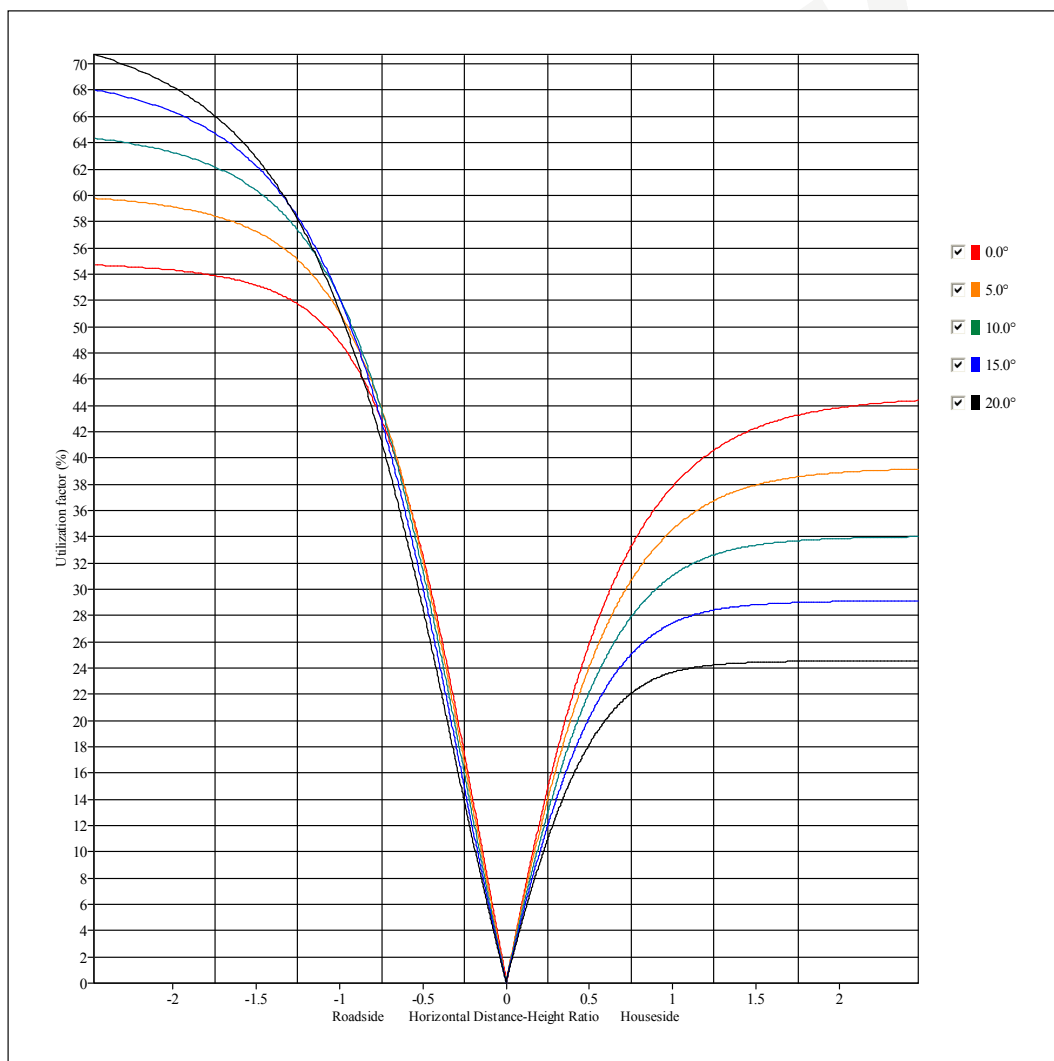
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1026.0mA P: 122.50W PF: 0.996 Test LM: 17137.75lm		
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

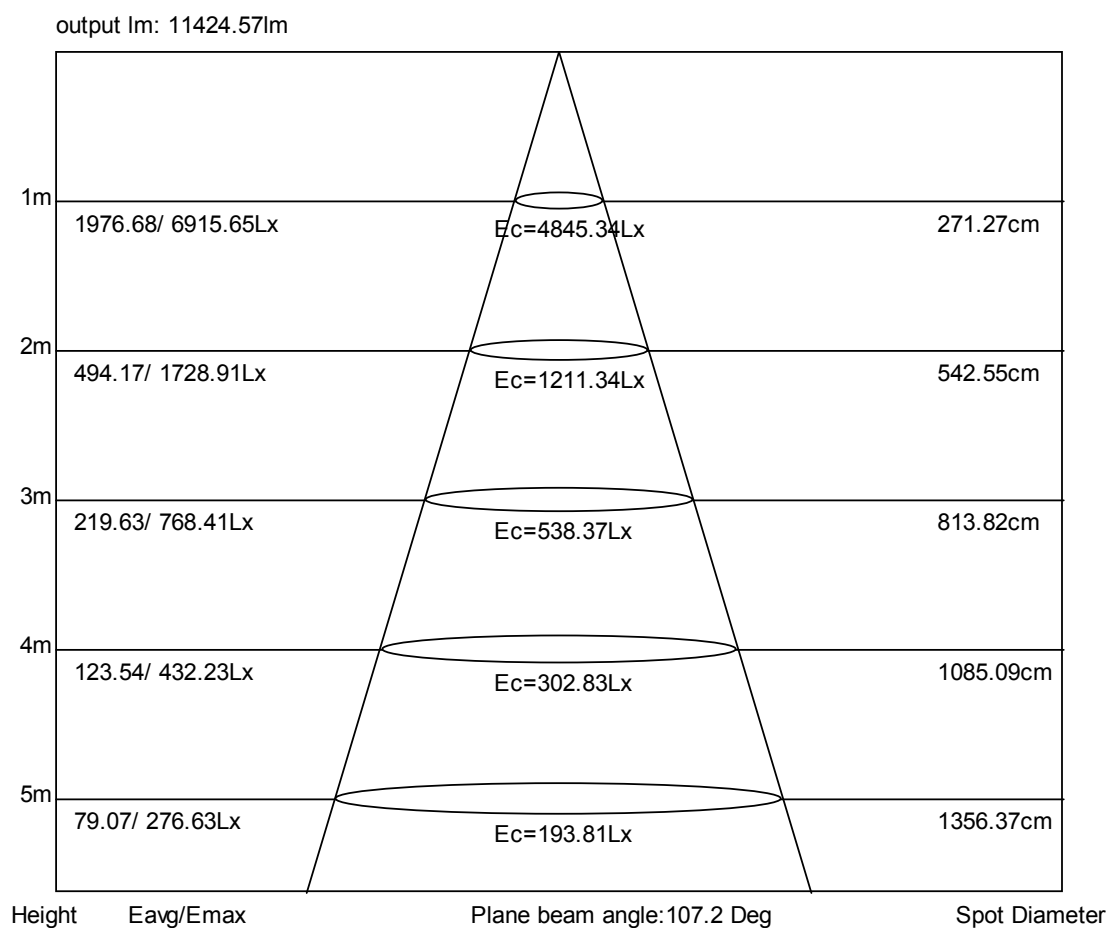
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1026.0mA P: 122.50W PF: 0.996 Test LM: 17137.75lm		
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: 1026.0mA P: 122.50W PF: 0.996 Test LM: 17137.75lm		
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	5028	5291	5459	5156	4966	4432	4299	4372	0-5	116	116
10	5201	5767	5974	5640	5083	4154	3913	4141	5-10	353	469
15	5437	6172	6260	6089	5278	3998	3645	4015	10-15	599	1069
20	5700	6456	6295	6427	5532	3904	3451	3925	15-20	851	1920
25	5968	6622	6046	6649	5811	3812	3218	3843	20-25	1097	3017
30	6204	6572	5455	6684	6067	3693	2956	3739	25-30	1318	4335
35	6397	6260	4519	6459	6299	3525	2664	3581	30-35	1492	5827
40	6548	5594	3482	5930	6497	3296	2357	3348	35-40	1600	7426
45	6653	4660	2473	5088	6656	3007	2054	3050	40-45	1635	9061
50	6700	3500	1542	4015	6772	2647	1761	2665	45-50	1596	10657
55	6735	2171	989	2732	6854	2271	1453	2221	50-55	1494	12152
60	6710	1111	675	1469	6916	1816	1045	1701	55-60	1353	13505
65	6347	639	444	731	6823	1263	646	1085	60-65	1197	14702
70	4518	354	266	422	6048	663	369	531	65-70	985	15687
75	593	161	135	216	3376	312	200	228	70-75	600	16287
80	88.9	52.1	65.6	84.6	338	125	86.7	64.8	75-80	205	16491
85	5.99	1.92	1.07	11.4	52.8	19.5	1.22	4.96	80-85	34.1	16525
90	7.43	1.34	0.46	1.05	4.48	0.59	0.47	0.47	85-90	3.94	16529
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: 1026.0mA P: 122.50W PF: 0.996 Test LM: 17137.751m		
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	5028	5143	5263	5346	5422	5392	5255	5135	5049	4966	4732	4490	4388	4328	4315	4348	4443	4741
10.0	5201	5449	5705	5835	5929	5901	5749	5579	5326	5083	4677	4256	4075	3966	3963	4066	4257	4737
15.0	5437	5758	6092	6201	6241	6222	6145	6001	5633	5278	4718	4138	3882	3722	3726	3894	4171	4815
20.0	5700	6031	6373	6403	6331	6324	6384	6329	5924	5532	4820	4082	3756	3550	3555	3770	4119	4923
25.0	5968	6254	6550	6433	6172	6178	6451	6557	6177	5811	4936	4031	3617	3348	3355	3638	4076	5039
30.0	6204	6365	6532	6206	5700	5724	6281	6616	6336	6067	5028	3953	3451	3117	3127	3482	4009	5126
35.0	6397	6337	6275	5689	4900	4944	5822	6441	6369	6299	5085	3828	3242	2852	2864	3280	3889	5165
40.0	6548	6131	5698	4901	3944	4017	5127	5992	6249	6497	5096	3646	2988	2562	2574	3023	3698	5148
45.0	6653	5781	4878	3942	2952	3045	4230	5259	5970	6656	5060	3406	2695	2263	2272	2724	3444	5077
50.0	6700	5300	3850	2858	1970	2083	3203	4316	5566	6772	4967	3098	2356	1955	1959	2369	3107	4935
55.0	6735	4738	2670	1783	1248	1370	2160	3183	5051	6854	4849	2772	2003	1632	1621	1969	2715	4760
60.0	6710	4261	1724	968	770	849	1209	2065	4533	6916	4685	2374	1563	1214	1189	1486	2249	4519
65.0	6347	3850	1264	575	487	507	637	1398	4158	6823	4390	1871	1060	781	742	941	1660	4045
70.0	4518	2696	809	325	285	300	371	1038	3587	6048	3692	1252	566	433	404	478	967	2774
75.0	593	404	209	153	141	153	190	562	1994	3376	2035	647	275	225	207	219	268	434
80.0	88.9	72.8	56.1	56.5	62.6	69.8	78.4	112	227	338	245	148	113	95.1	81.9	72	67.4	78.4
85.0	5.99	4.21	2.37	1.64	1.26	3.33	8	15.9	34.7	52.8	38.2	23.2	13.5	5.23	2.04	3.73	5.07	5.54
90.0	7.43	4.77	2	1.05	0.65	0.59	0.86	1.43	2.98	4.48	2.78	1.01	0.55	0.49	0.47	0.47	1.23	4.39
95.0																		
100.0																		
105.0																		
110.0																		
115.0																		
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125.0																		
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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: