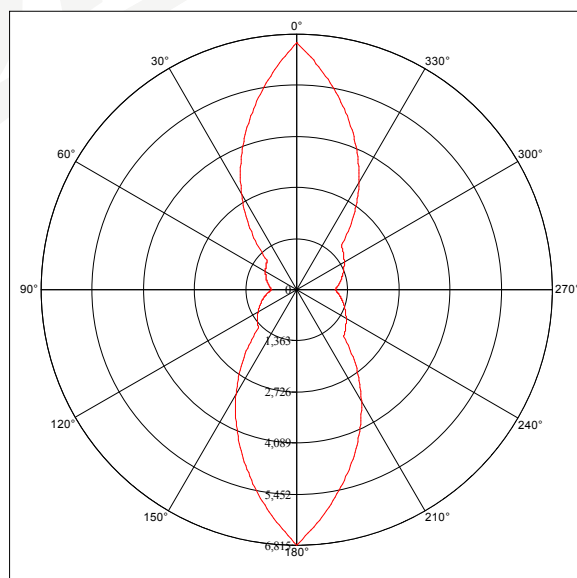
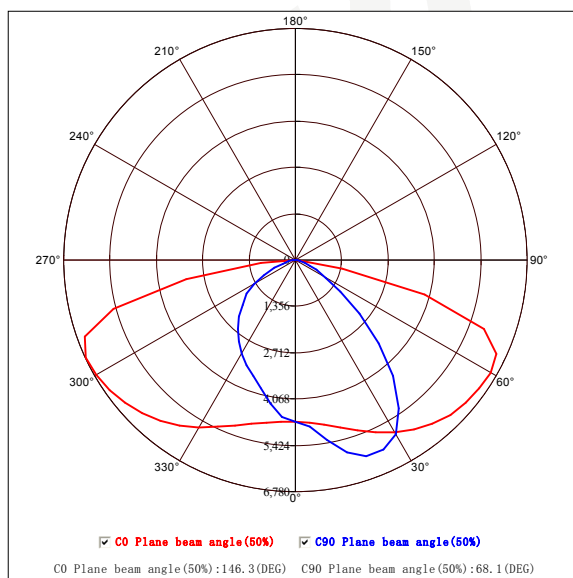


Goniophotometer Test Report

Measured Para U: 119.9V I: 1022.0mA P: 122.10W PF: 0.996 Test LM: 16247.00lm						
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)	6810.1	Efficiency(lm/w)	133.1
Nominal P(w)		0.0	Position	180.0, 60.0	UP (C0-C180)	0.0
Rated Volt(v)		0.0	Total Flux(lm)	16247.002	Down (C0-C180)	54.8
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)	45.2

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

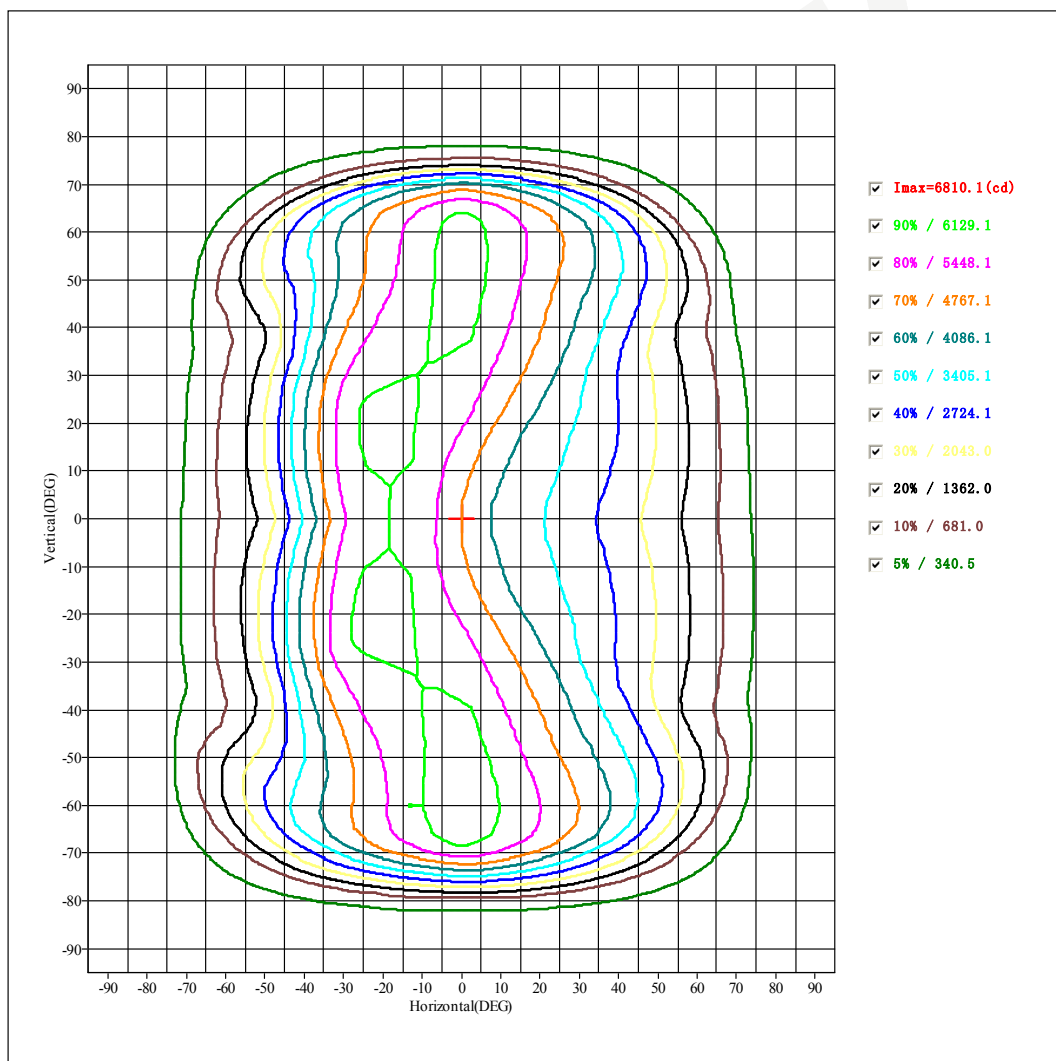
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1022.0mA P: 122.10W PF: 0.996 Test LM: 16247.00lm		
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

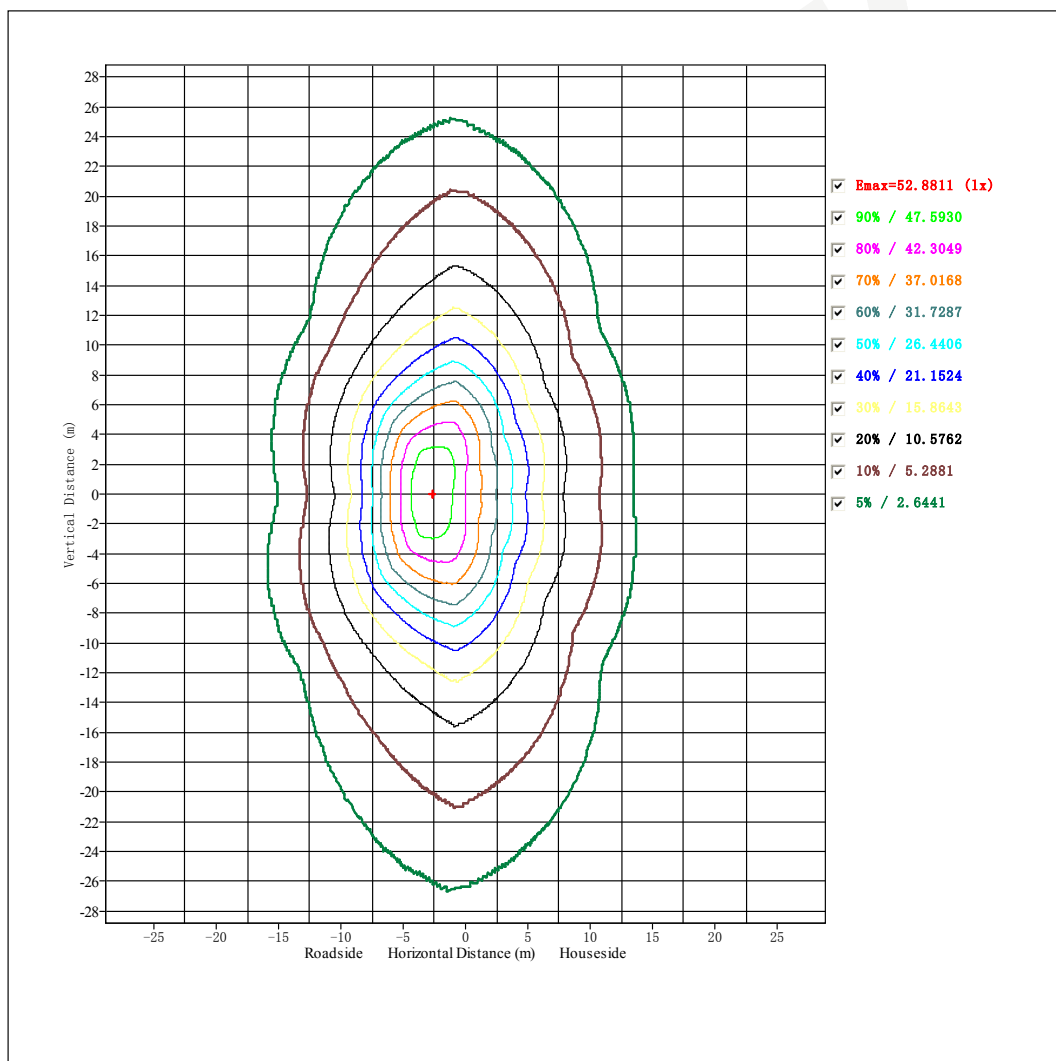
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1022.0mA P: 122.10W PF: 0.996 Test LM: 16247.00lm		
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

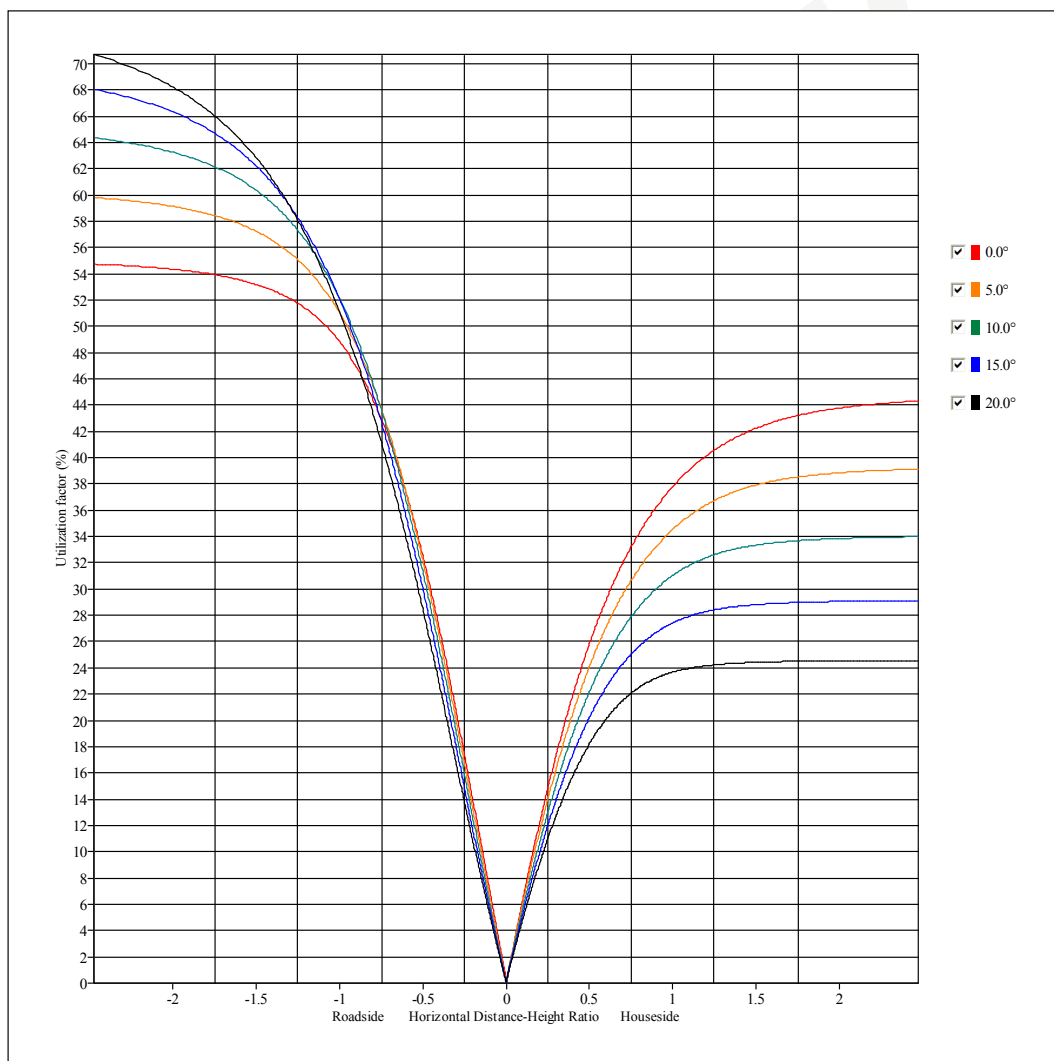
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1022.0mA P: 122.10W PF: 0.996 Test LM: 16247.00lm		
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

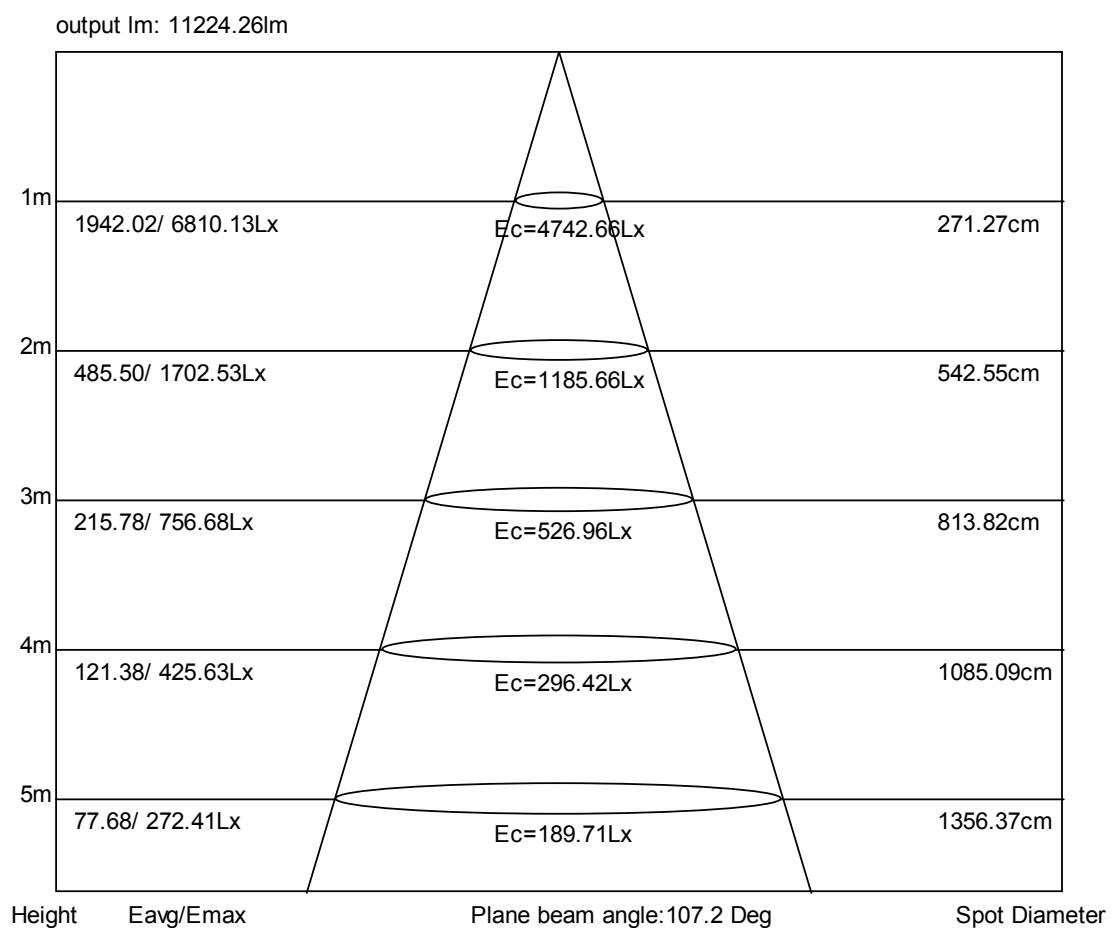
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1022.0mA P: 122.10W PF: 0.996 Test LM: 16247.00lm		
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: 1022.0mA P: 122.10W PF: 0.996 Test LM: 16247.00lm		
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	4896	5183	5365	5080	4830	4345	4233	4309	0-5	114	114
10	5068	5640	5868	5555	4937	4072	3855	4087	5-10	346	460
15	5301	6052	6162	5996	5131	3921	3602	3965	10-15	588	1048
20	5565	6344	6200	6336	5381	3829	3400	3876	15-20	835	1884
25	5829	6510	5953	6552	5654	3737	3171	3797	20-25	1077	2960
30	6067	6472	5383	6589	5912	3619	2913	3696	25-30	1295	4255
35	6259	6162	4454	6369	6147	3452	2625	3535	30-35	1466	5721
40	6415	5533	3434	5848	6344	3225	2324	3314	35-40	1572	7293
45	6517	4608	2441	5022	6513	2942	2027	3017	40-45	1608	8901
50	6572	3452	1524	3959	6640	2589	1737	2637	45-50	1570	10470
55	6613	2178	978	2690	6740	2219	1430	2197	50-55	1471	11941
60	6590	1108	668	1446	6810	1770	1026	1681	55-60	1332	13273
65	6217	636	442	720	6727	1223	635	1061	60-65	1177	14450
70	4429	353	264	416	5972	640	366	523	65-70	968	15419
75	557	162	135	213	3335	302	198	225	70-75	590	16009
80	86	53	66.5	85	335	121	85.7	62.4	75-80	201	16210
85	5.65	2.08	0.97	11.6	51.7	17.7	1.04	5.01	80-85	33.6	16243
90	7.19	1.32	0.48	1	4.3	0.54	0.42	0.48	85-90	3.81	16247
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: 1022.0mA P: 122.10W PF: 0.996 Test LM: 16247.001m		
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	4896	5021	5151	5243	5325	5303	5174	5053	4940	4830	4618	4398	4308	4257	4250	4284	4373	4639
10.0	5068	5319	5578	5715	5818	5799	5658	5488	5208	4937	4559	4167	4001	3903	3906	4011	4194	4639
15.0	5301	5630	5970	6088	6138	6125	6050	5901	5510	5131	4602	4053	3816	3672	3682	3846	4111	4717
20.0	5565	5906	6259	6297	6231	6230	6291	6232	5799	5381	4702	3999	3688	3494	3504	3720	4061	4826
25.0	5829	6127	6435	6327	6075	6084	6355	6454	6047	5654	4816	3947	3551	3295	3308	3591	4019	4940
30.0	6067	6244	6428	6115	5621	5647	6194	6515	6208	5912	4908	3869	3387	3067	3084	3439	3956	5030
35.0	6259	6216	6172	5601	4827	4873	5741	6345	6244	6147	4968	3747	3181	2806	2824	3237	3833	5067
40.0	6415	6029	5630	4845	3893	3962	5056	5902	6127	6344	4980	3566	2930	2521	2541	2989	3653	5058
45.0	6517	5682	4817	3897	2915	3005	4175	5185	5861	6513	4951	3333	2642	2227	2243	2692	3399	4986
50.0	6572	5207	3793	2819	1945	2057	3160	4253	5467	6640	4868	3032	2309	1923	1934	2342	3068	4851
55.0	6613	4673	2663	1784	1240	1352	2128	3133	4968	6740	4762	2714	1960	1602	1598	1946	2680	4681
60.0	6590	4192	1708	964	764	838	1190	2032	4463	6810	4605	2322	1526	1189	1169	1466	2218	4442
65.0	6217	3775	1246	572	485	503	629	1377	4099	6727	4319	1825	1030	763	728	921	1625	3961
70.0	4429	2646	799	324	284	297	366	1024	3542	5972	3639	1223	550	426	400	472	951	2720
75.0	557	384	205	153	141	152	188	555	1969	3335	2008	634	268	221	204	216	261	412
80.0	86	71.5	56.6	57.4	63.5	70.5	78.9	112	226	335	241	144	109	93.4	80.6	70.1	65	75.7
85.0	5.65	4.09	2.47	1.72	1.21	3.29	8.1	16	34.1	51.7	36.8	21.4	12.3	4.69	1.91	3.71	5.08	5.37
90.0	7.19	4.62	1.96	1.05	0.67	0.6	0.83	1.36	2.86	4.3	2.66	0.95	0.5	0.45	0.43	0.46	1.21	4.25
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: