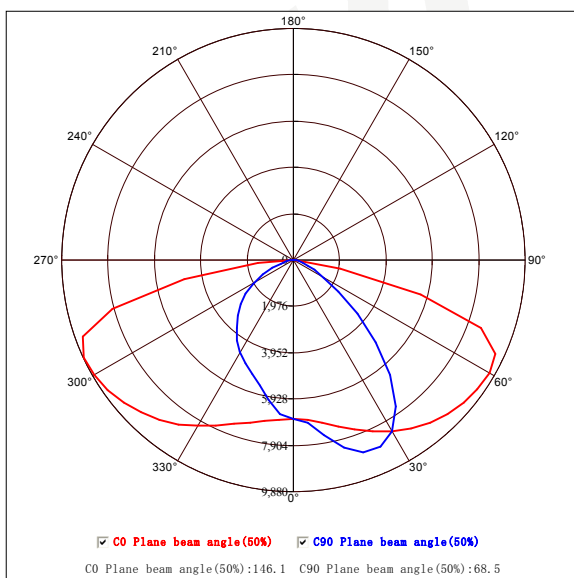


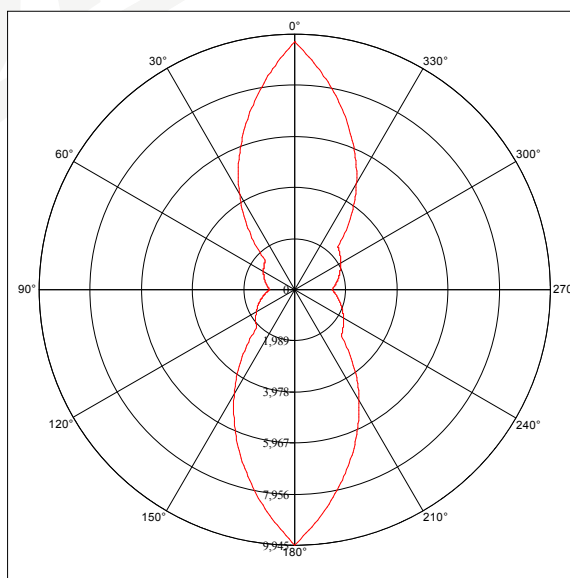
Goniophotometer Test Report

Measured Para U: 119.9V I: 1646.0mA P: 197.10W PF: 0.999 Test LM: 26825.31lm						
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)	11783.2	Efficiency(lm/w)	136.1
Nominal P(w)		0.0	Position	180.0, 60.0	UP(C0-C180)	0.0
Rated Volt(v)		0.0	Total Flux(lm)	26825.31	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

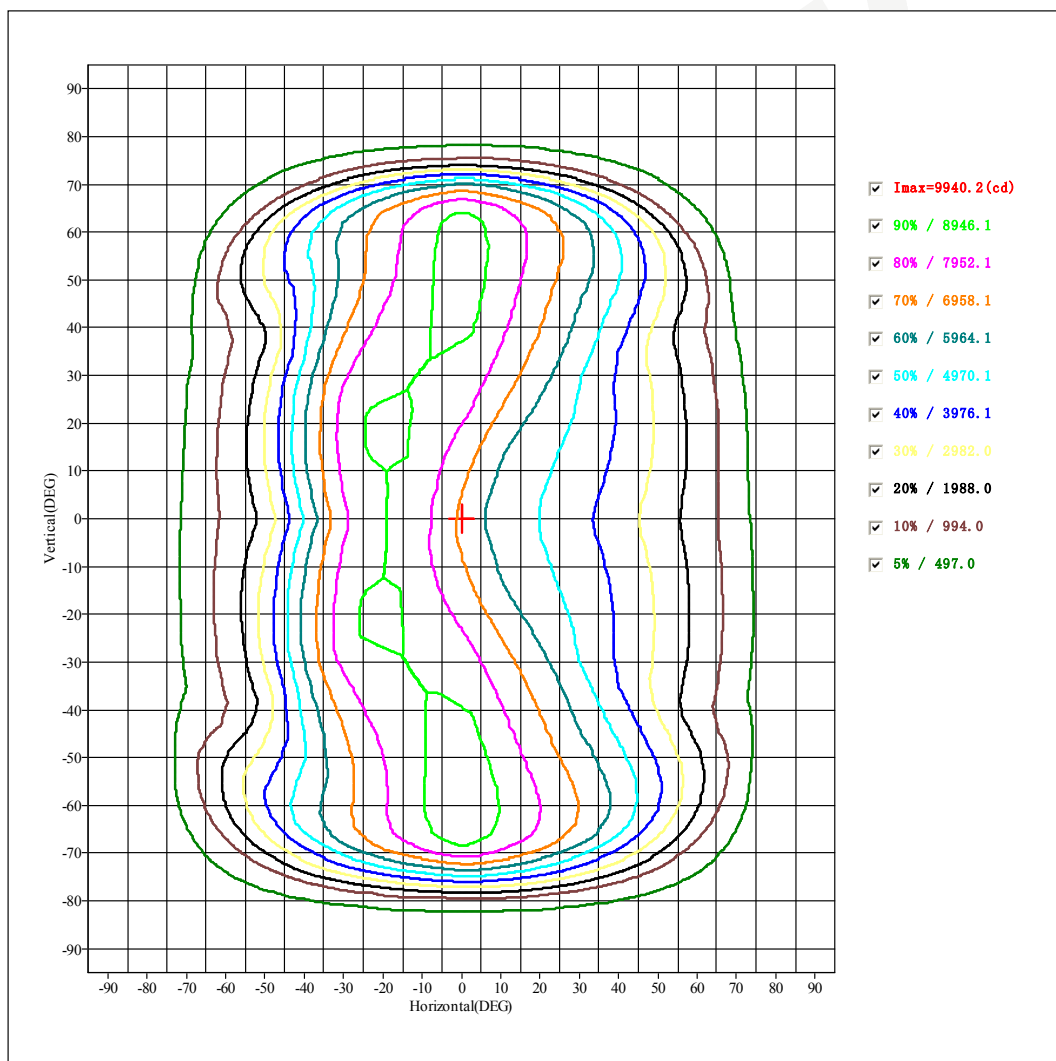
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1646.0mA P: 197.10W PF: 0.999 Test LM: 26825.31lm		
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

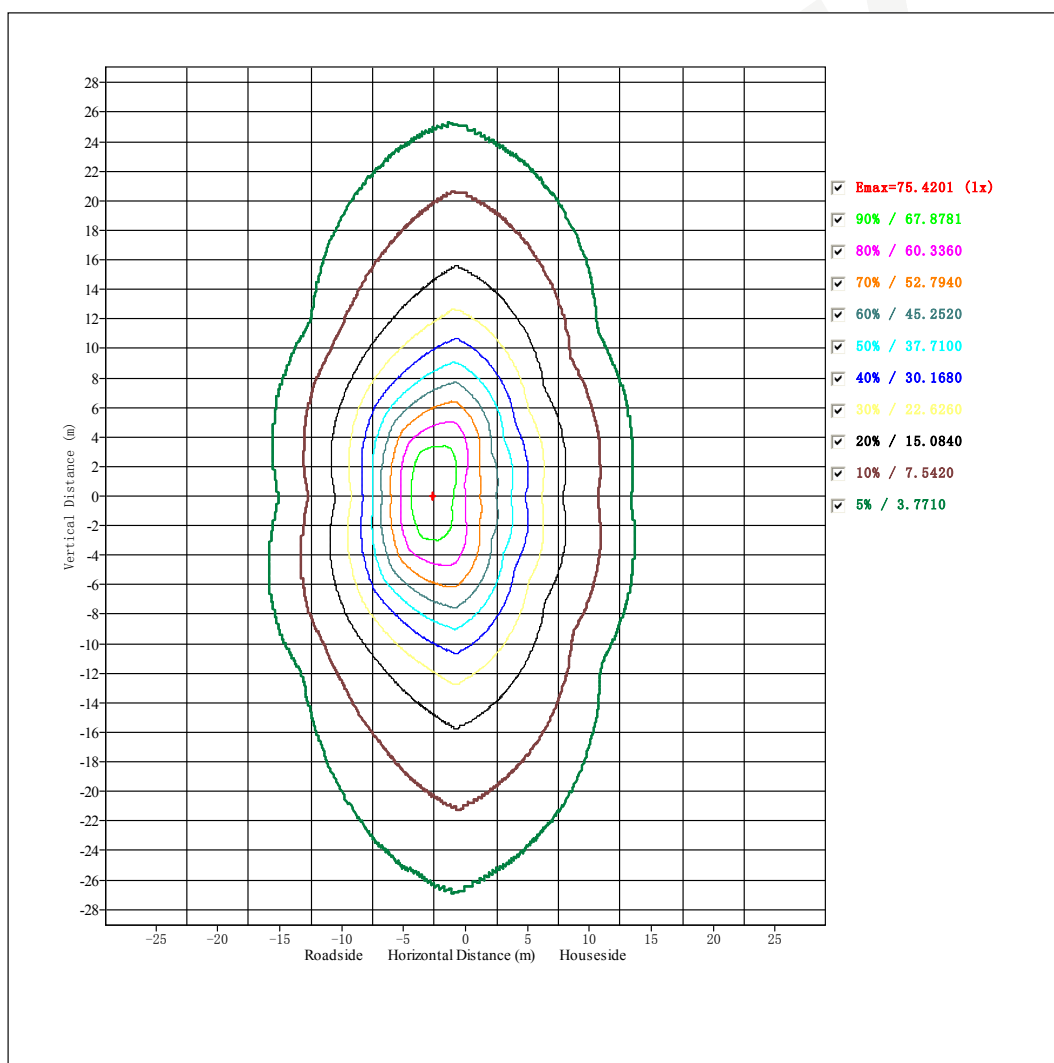
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1646.0mA P: 197.10W PF: 0.999 Test LM: 26825.31lm		
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

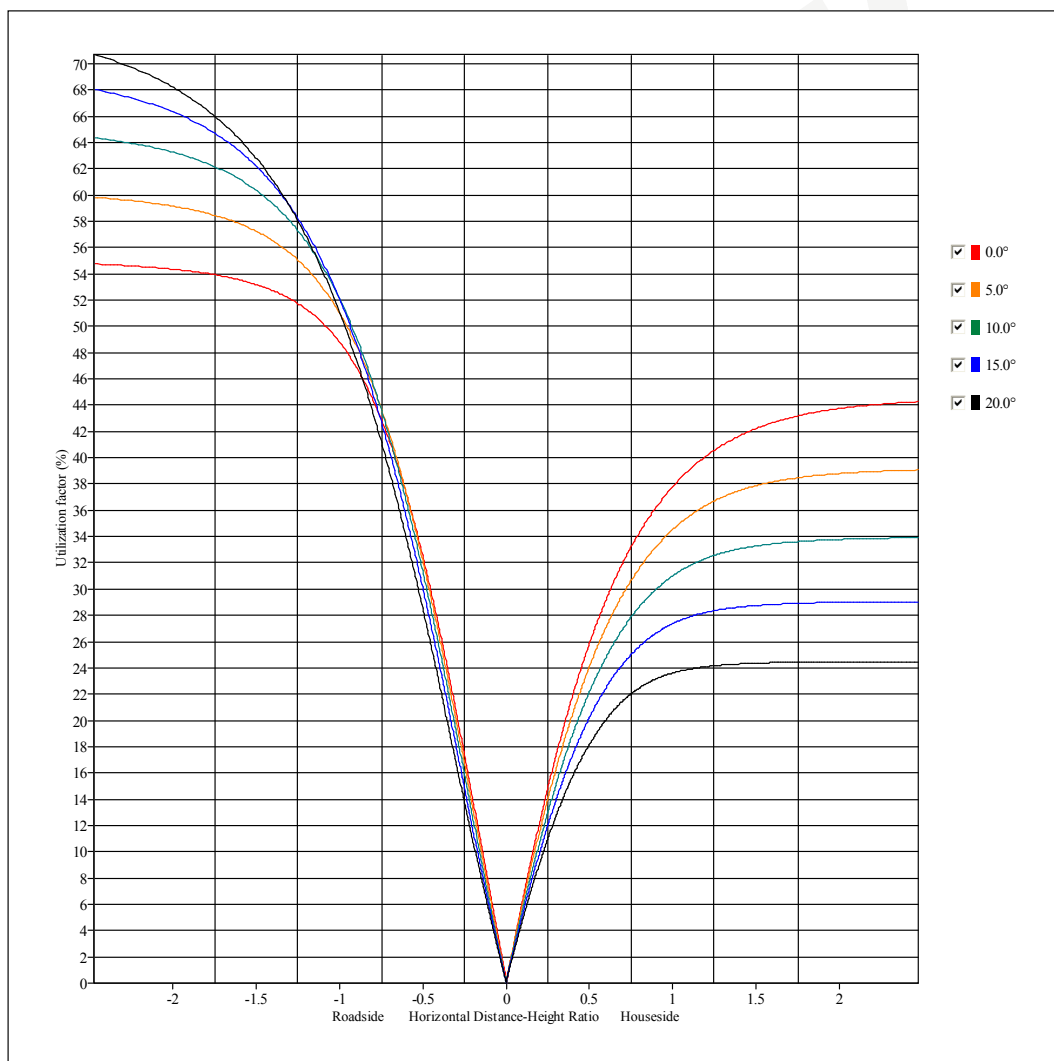
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1646.0mA P: 197.10W PF: 0.999 Test LM: 26825.31lm		
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

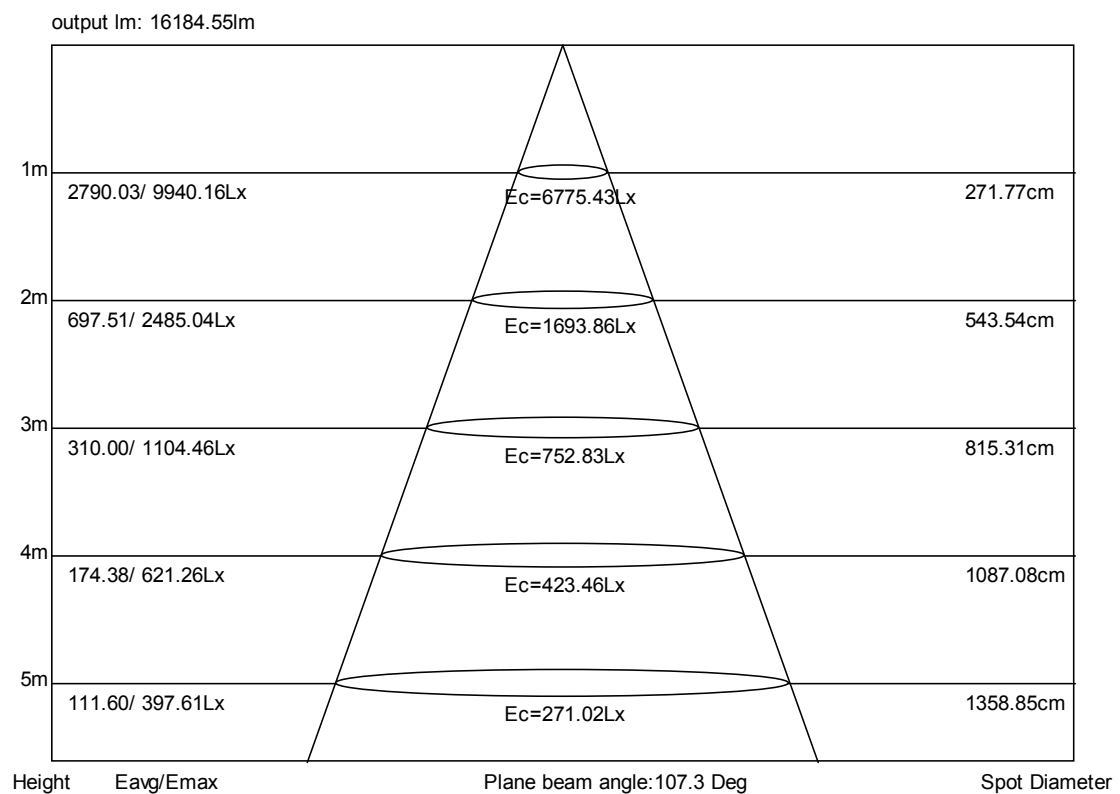
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1646.0mA P: 197.10W PF: 0.999 Test LM: 26825.31lm		
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: 1646.0mA P: 197.10W PF: 0.999 Test LM: 26825.31lm		
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	7076	7427	7620	7169	6974	6223	6005	6084	0-5	163	163
10	7329	8104	8369	7842	7137	5863	5490	5796	5-10	495	658
15	7673	8701	8809	8486	7416	5651	5159	5636	10-15	842	1500
20	8061	9144	8882	8991	7783	5529	4875	5516	15-20	1199	2699
25	8451	9392	8550	9327	8177	5399	4551	5407	20-25	1548	4246
30	8804	9340	7719	9398	8563	5227	4195	5263	25-30	1863	6109
35	9100	8912	6429	9092	8908	4993	3778	5039	30-35	2111	8220
40	9331	7990	4968	8363	9206	4674	3333	4720	35-40	2268	10489
45	9498	6674	3539	7191	9464	4263	2906	4312	40-45	2323	12811
50	9594	5027	2229	5672	9659	3756	2488	3759	45-50	2272	15083
55	9663	3177	1430	3898	9814	3213	2034	3127	50-55	2133	17216
60	9643	1618	973	2098	9940	2560	1450	2380	55-60	1935	19151
65	9089	925	636	1042	9822	1760	886	1485	60-65	1710	20861
70	6303	519	398	597	8665	916	525	728	65-70	1401	22262
75	809	245	206	315	4830	452	280	317	70-75	851	23113
80	131	82.6	109	127	540	180	122	88.8	75-80	295	23408
85	14.3	9.17	6.12	19.7	81	33.2	1.51	6.19	80-85	52.7	23461
90	16.7	6.49	4.93	1.52	11.5	5.04	0.66	0.9	85-90	7.49	23468
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: 1646.0mA P: 197.10W PF: 0.999 Test LM: 26825.31lm		
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	7076	7230	7389	7490	7578	7522	7317	7148	7059	6974	6646	6305	6152	6053	6022	6058	6193	6642
10.0	7329	7668	8019	8191	8311	8253	8015	7765	7446	7137	6580	6002	5741	5572	5557	5696	5964	6658
15.0	7673	8123	8589	8737	8786	8739	8592	8369	7884	7416	6644	5844	5490	5267	5263	5480	5859	6782
20.0	8061	8535	9025	9058	8940	8906	8956	8859	8312	7783	6797	5776	5315	5018	5015	5306	5795	6948
25.0	8451	8863	9289	9116	8734	8720	9072	9201	8680	8177	6962	5703	5121	4737	4738	5126	5740	7120
30.0	8804	9038	9282	8808	8074	8086	8847	9307	8929	8563	7104	5592	4888	4421	4428	4912	5650	7255
35.0	9100	9018	8932	8097	6972	7012	8218	9072	8989	8908	7196	5422	4594	4044	4053	4625	5483	7323
40.0	9331	8744	8136	6998	5629	5710	7249	8455	8837	9206	7223	5170	4234	3626	3636	4265	5224	7314
45.0	9498	8262	6983	5645	4225	4338	5993	7439	8469	9464	7188	4832	3818	3203	3214	3851	4880	7229
50.0	9594	7596	5526	4109	2841	2982	4542	6108	7915	9659	7077	4402	3340	2765	2766	3342	4397	7041
55.0	9663	6825	3886	2604	1812	1970	3088	4546	7226	9814	6926	3935	2826	2292	2273	2769	3842	6803
60.0	9643	6132	2496	1407	1114	1219	1729	2956	6509	9940	6711	3367	2196	1693	1653	2075	3174	6465
65.0	9089	5517	1818	830	699	725	909	2003	5981	9822	6295	2642	1473	1077	1017	1289	2317	5762
70.0	6303	3773	1152	479	425	442	532	1479	5135	8665	5275	1764	788	611	570	662	1338	3864
75.0	809	562	307	232	215	230	280	809	2855	4830	2914	931	396	318	288	305	371	593
80.0	131	110	87.9	91.2	103	113	121	172	360	540	383	220	161	135	115	99.8	93.4	113
85.0	14.3	12.1	9.73	8.17	6.79	9.09	15.2	26.4	54.2	81	60.1	38.5	22.8	8.45	2.53	4.66	7.08	10.8
90.0	16.7	12.2	7.6	5.98	5.27	4.18	2.64	2.61	7.12	11.5	8.66	5.75	3.6	1.62	0.71	0.82	2.62	9.78
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: