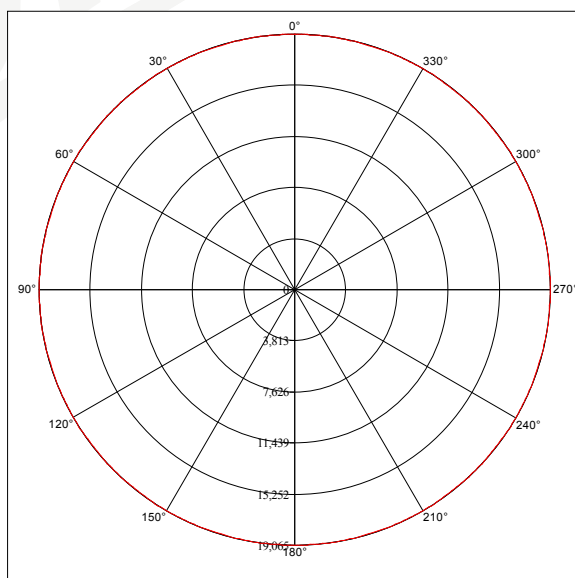
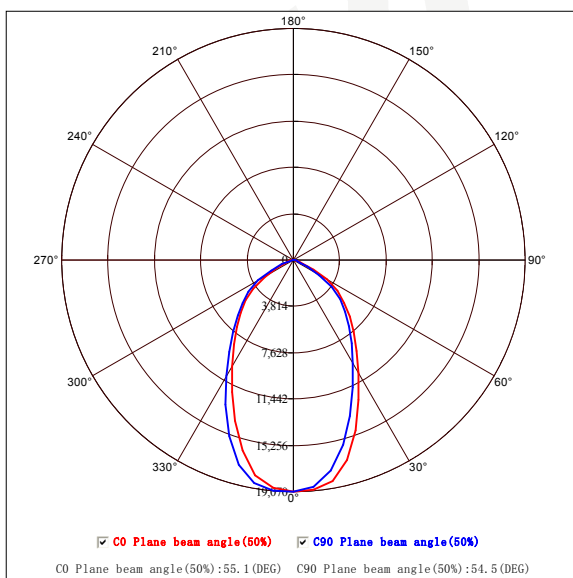


Goniophotometer Test Report

Measured Para U: 119.9V I: 1631.0mA P: 195.20W PF: 0.998 Test LM: 27367.04lm						
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)	22134.3	Efficiency (lm/w)	140.2
Nominal P (w)		0.0	Position	0.0, 0.0	UP (C0-C180)	0.0
Rated Volt (v)		0.0	Total Flux (lm)	27367.04	Down (C0-C180)	48.8
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)	51.2

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

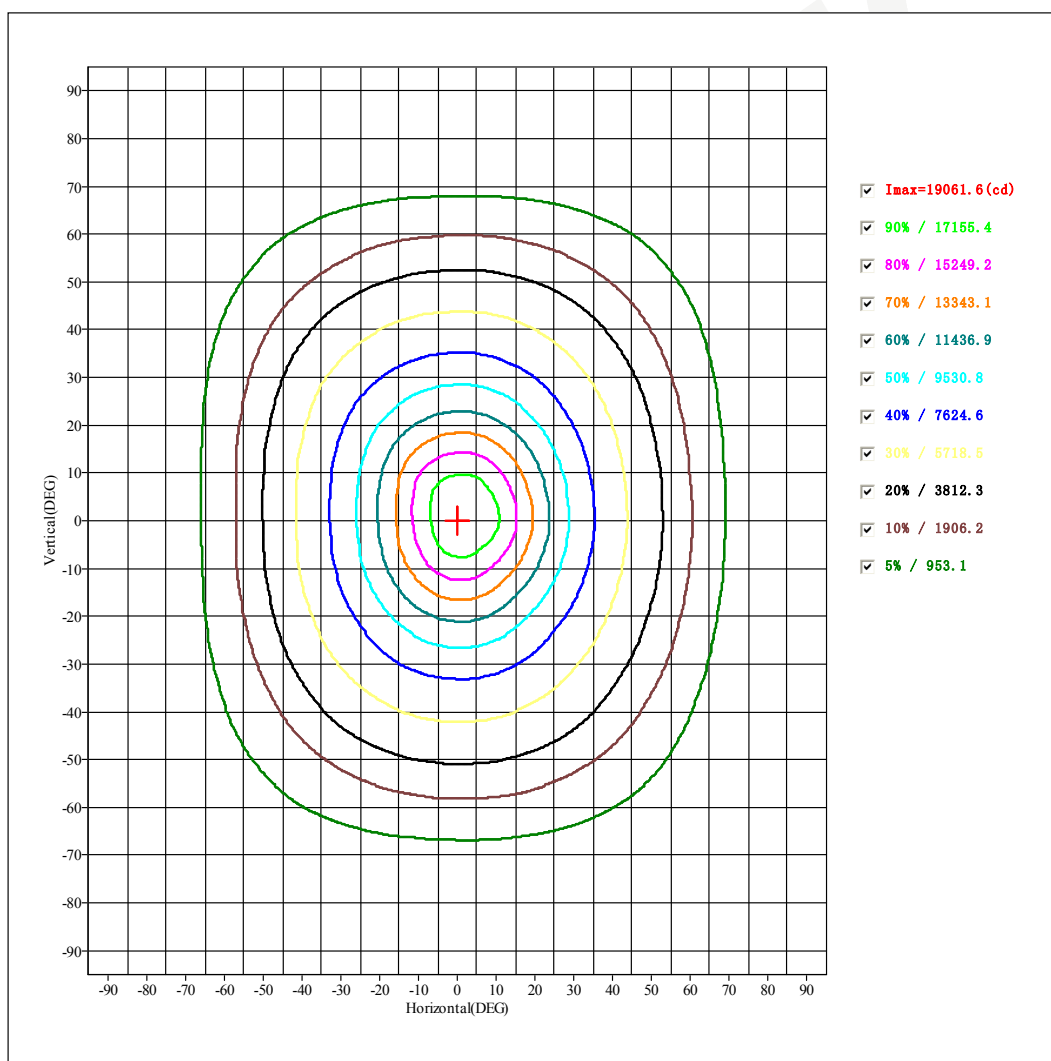
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1631.0mA P: 195.20W PF: 0.998 Test LM: 27367.04lm		
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

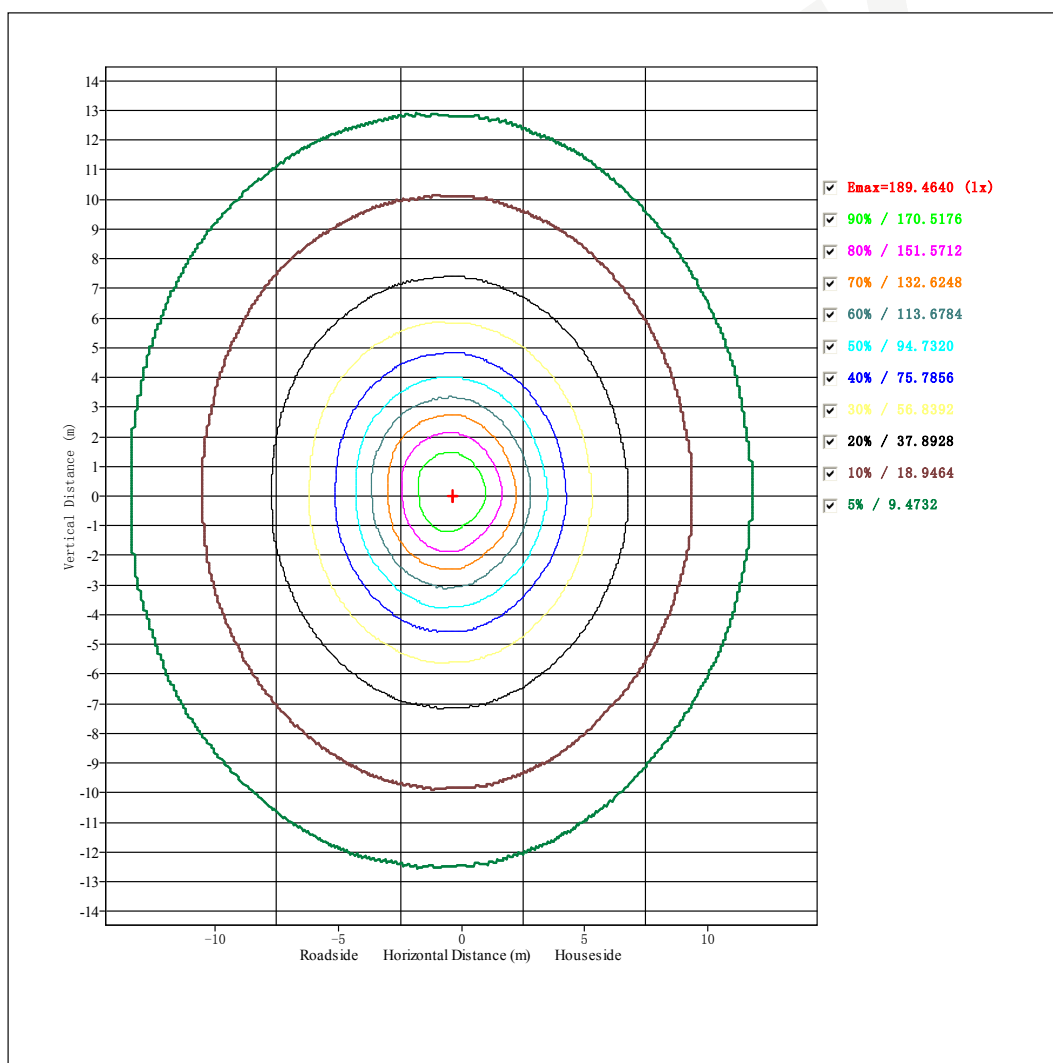
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1631.0mA P: 195.20W PF: 0.998 Test LM: 27367.04lm		
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

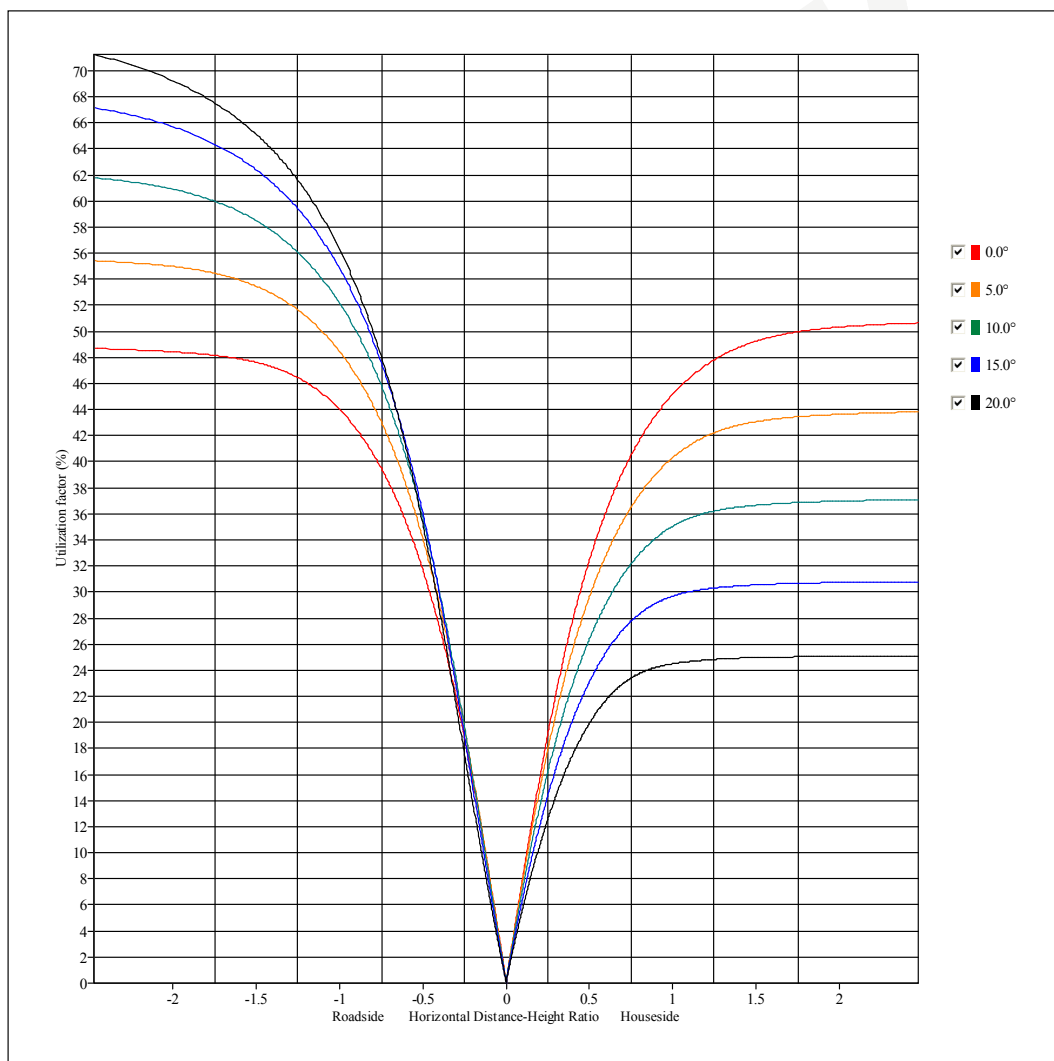
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1631.0mA P: 195.20W PF: 0.998 Test LM: 27367.04lm		
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

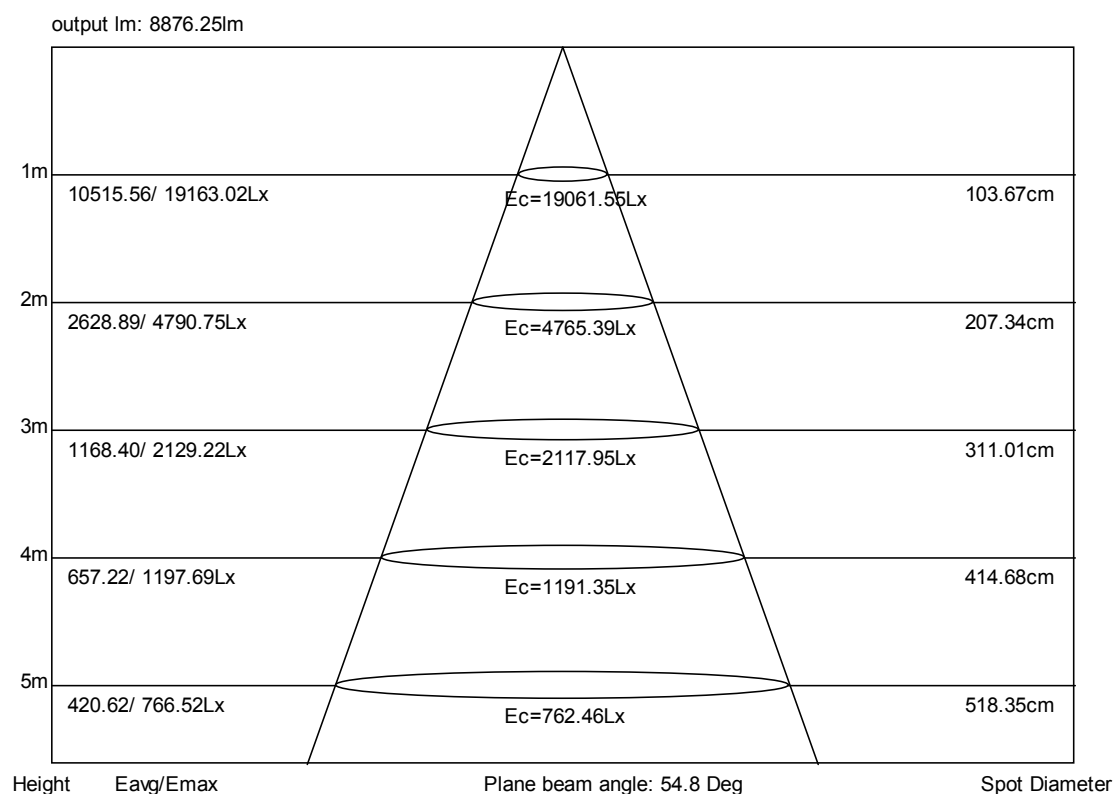
Humidity(%): 60

Date: 2019-5-22

Remark:

Measured Para U: 119.9V I: 1631.0mA P: 195.20W PF: 0.998 Test LM: 27367.04lm		
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: 1631.0mA P: 195.20W PF: 0.998 Test LM: 27367.041m		
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	18765	18482	17786	17892	18234	18342	18926	18908	0-5	446	446
10	17185	16856	15852	15958	16388	16592	17630	17497	5-10	1251	1697
15	14972	14664	13595	13695	14064	14278	15520	15322	10-15	1846	3542
20	12638	12446	11501	11567	11912	12004	13095	12894	15-20	2198	5740
25	10669	10537	9719	9754	10011	10038	10913	10774	20-25	2359	8099
30	9026	8934	8259	8297	8438	8461	9096	9033	25-30	2398	10497
35	7649	7625	7054	7044	7162	7139	7652	7633	30-35	2361	12858
40	6474	6481	6022	6024	6120	6069	6465	6459	35-40	2271	15129
45	5489	5507	5057	5084	5179	5127	5473	5459	40-45	2138	17267
50	4525	4477	3928	4010	4176	4132	4541	4509	45-50	1934	19201
55	3240	3136	2451	2561	2793	2832	3397	3307	50-55	1574	20774
60	1663	1551	1063	1145	1281	1367	1968	1851	55-60	1026	21800
65	698	688	502	597	563	629	783	782	60-65	519	22319
70	392	475	337	408	368	412	412	502	65-70	270	22589
75	231	240	162	180	201	197	257	276	70-75	165	22754
80	93.7	94.3	50.4	66.8	78.9	72.4	108	98.6	75-80	80.4	22834
85	11.3	12.8	1.86	2.51	7.33	4.91	1.41	14.1	80-85	24.4	22859
90	0.48	0.83	0.7	0.86	0.64	0.43	0.47	0.4	85-90	2.09	22861
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: 1631.0mA P: 195.20W PF: 0.998 Test LM: 27367.041m		
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	19k	19k	19k	18k	18k	18k	18k	18k	18k	18k	18k	18k	19k	19k	19k	19k	19k	19k
10.0	17k	17k	17k	17k	16k	16k	16k	16k	16k	16k	16k	17k	17k	17k	18k	18k	17k	17k
15.0	15k	15k	15k	14k	14k	14k	14k	14k	14k	14k	14k	14k	15k	15k	15k	15k	15k	15k
20.0	13k	13k	12k	12k	12k	12k	12k	12k	12k	12k	12k	12k	12k	13k	13k	13k	13k	13k
25.0	11k	11k	11k	10k	9898	9726	9743	9782	9899	10k	10k	10k	10k	11k	11k	11k	11k	11k
30.0	9026	8986	8944	8712	8407	8267	8285	8313	8376	8438	8448	8459	8669	8957	9082	9054	9033	9029
35.0	7649	7638	7628	7438	7179	7052	7047	7057	7111	7162	7152	7141	7307	7540	7648	7639	7635	7642
40.0	6474	6477	6481	6331	6122	6022	6023	6034	6078	6120	6098	6075	6199	6378	6464	6461	6460	6467
45.0	5489	5497	5505	5359	5155	5063	5075	5094	5137	5179	5157	5133	5241	5398	5470	5464	5463	5476
50.0	4525	4504	4482	4297	4048	3946	3983	4028	4103	4176	4157	4137	4266	4451	4534	4519	4511	4518
55.0	3240	3194	3147	2911	2601	2475	2525	2586	2692	2793	2810	2828	3018	3274	3377	3336	3299	3269
60.0	1663	1614	1563	1391	1170	1081	1118	1160	1221	1281	1318	1358	1564	1837	1943	1889	1830	1745
65.0	698	693	689	627	543	523	566	593	578	563	592	622	680	749	783	783	773	735
70.0	392	428	466	429	367	352	384	403	385	368	387	407	412	412	431	472	490	440
75.0	231	235	239	215	179	166	174	183	192	201	199	197	216	243	261	270	271	250
80.0	93.7	94	94.2	79.9	60	54	61.4	68.1	73.6	78.9	76.1	73.1	84	100	106	102	98	95.8
85.0	11.3	11.9	12.6	9.18	4.25	2	2.3	3.03	5.22	7.33	6.27	5.18	3.76	2.18	4.19	9.96	13.8	12.5
90.0	0.48	0.63	0.79	0.79	0.73	0.74	0.81	0.84	0.74	0.64	0.55	0.46	0.45	0.46	0.46	0.43	0.41	0.45
95.0																		
100.0																		
105.0																		
110.0																		
115.0																		
120.0																		
125.0																		
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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: