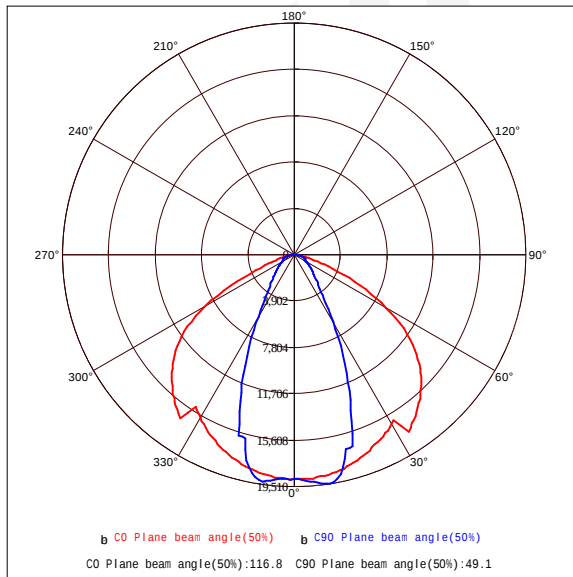


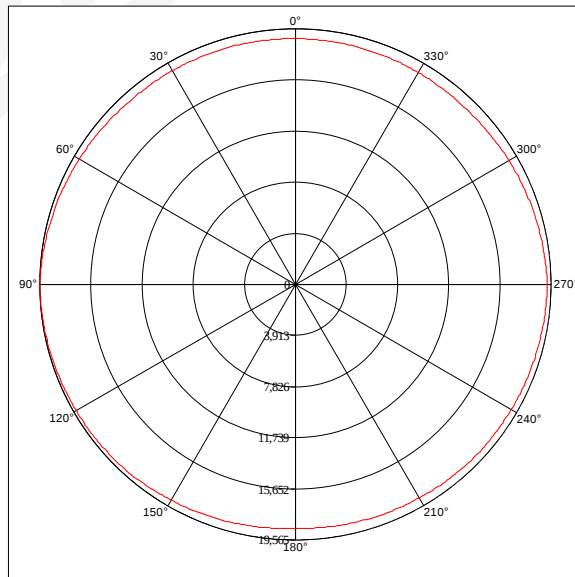
Goniophotometer Test Report

Measured Para U: 215.0V I: 1390.5mA P: 289.70W PF: 0.969 Test LM: 30910.99lm						
Lamp Name: LED FLOOD LIGHT			Lamp Type:		Weight(kg):	
Lamp ID: LPFL-300M01			Lamp Spec:		Shape Size:	
Manufactory: LIPER			Sur(m^2):		Protect Angle(Deg):	
Light Source Data			Photometric Data			
Model	LPFL-300M01		Peak Value(cd)	19559.8	Efficiency(lm/w)	106.7
Nominal P(w)		1.0	Position	90.0,8.0	UP(C0-C180)	0.0
Rated Volt(v)		1.0	Total Flux(lm)	30910.99	Down(C0-C180)	52.0
Rated Flux(lm)		1.0	Up Flux Rate(%)	0.0	UP(C180-C360)	0.0
Illuminant QTY		1	Dw Flux Rate(%)	100.0	Down(C180-C360)	48.0

Planar Intensity Distribution Curve



Peak Point Conical surface Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

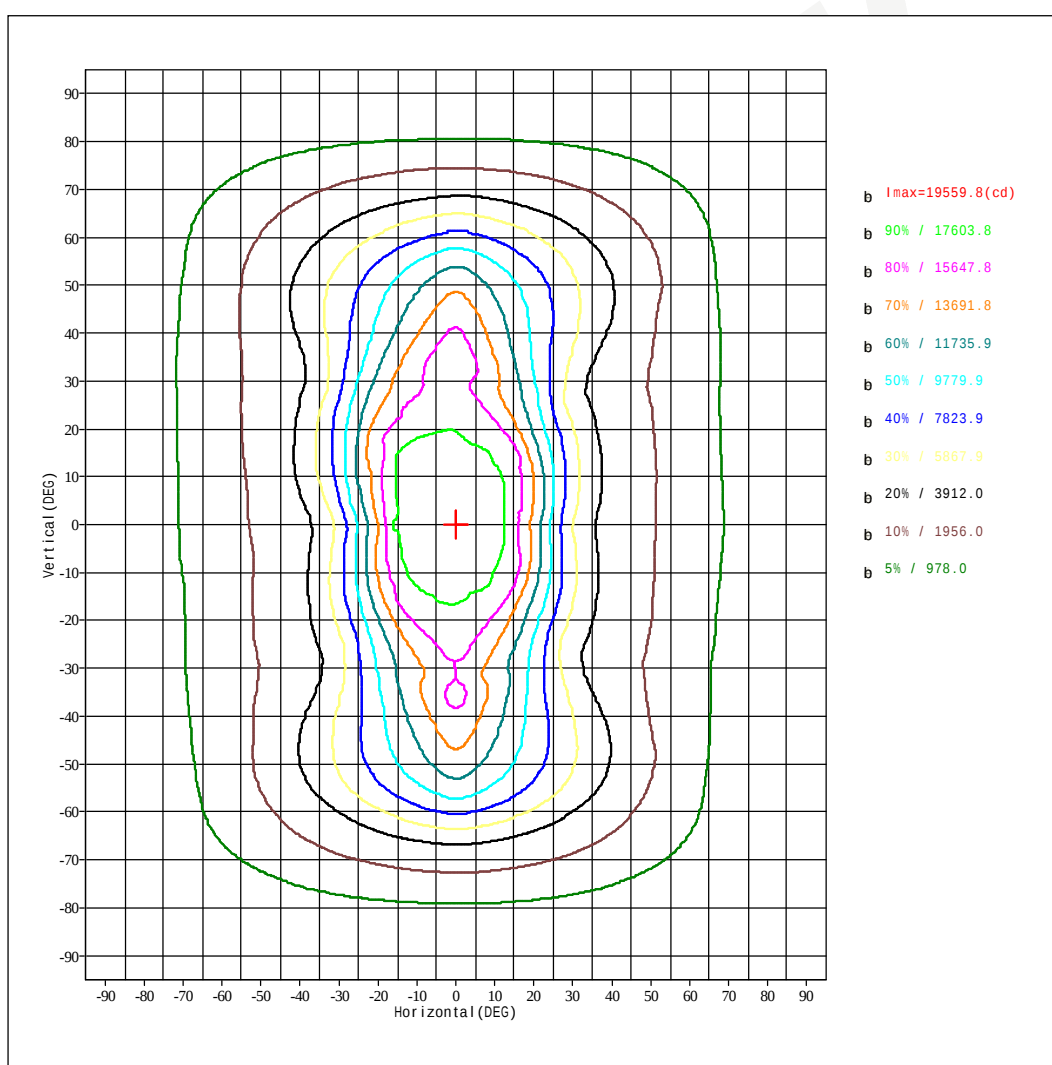
Humidity(%): 60

Date: 2023-6-9

Remark:

Measured Para U: 215.0V I: 1390.5mA P: 289.70W PF: 0.969 Test LM: 30910.99lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-300M01	Lamp Spec:	Shape Size:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Planar IsoCandela Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxc

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

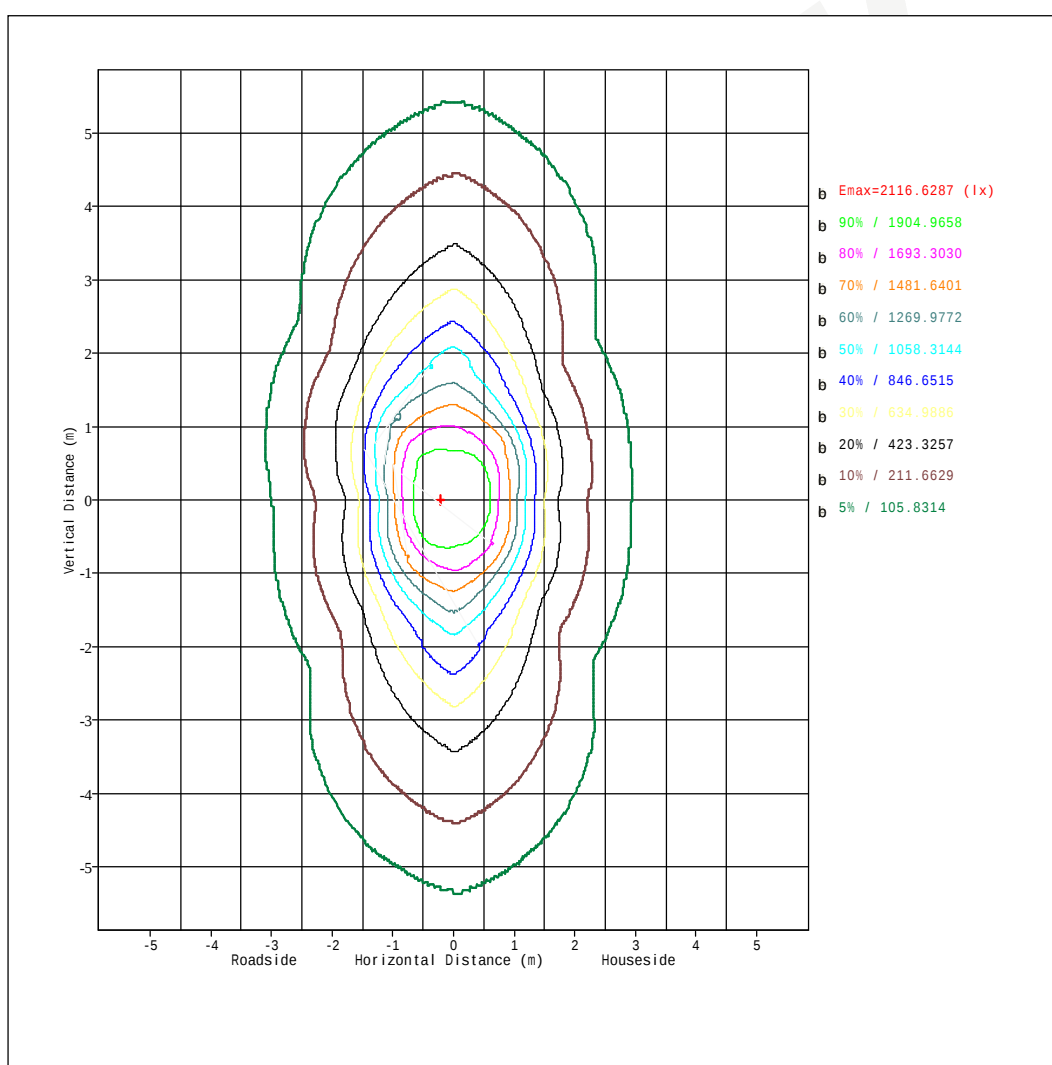
Humidity(%): 60

Date: 2023-6-9

Remark:

Measured Para U: 215.0V I: 1390.5mA P: 289.70W PF: 0.969 Test LM: 30910.99lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-300M01	Lamp Spec:	Shape Size:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Planar Isolux curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

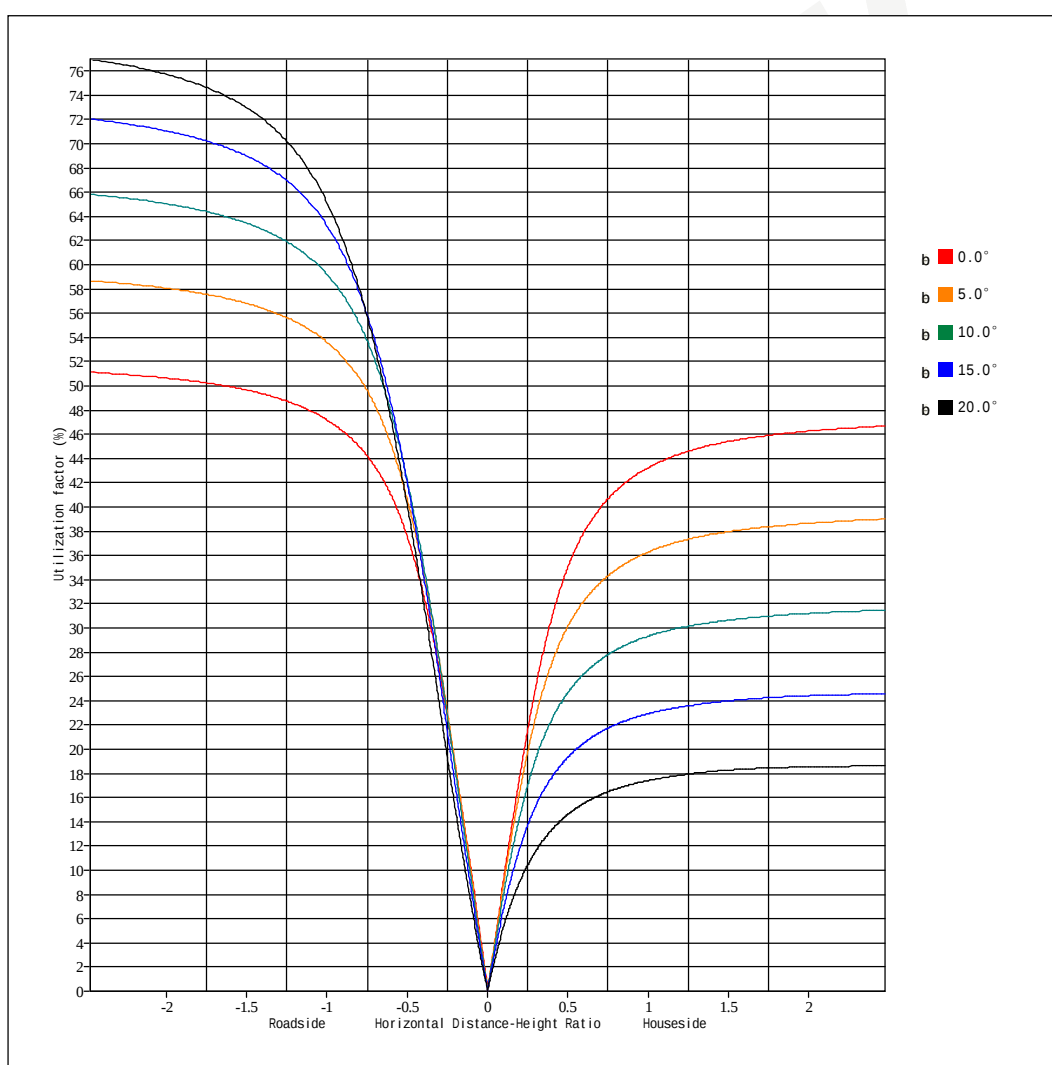
Humidity(%): 60

Date: 2023-6-9

Remark:

Measured Para U: 215.0V I: 1390.5mA P: 289.70W PF: 0.969 Test LM: 30910.99lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-300M01	Lamp Spec:	Shape Size:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Utilization Coefficient



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

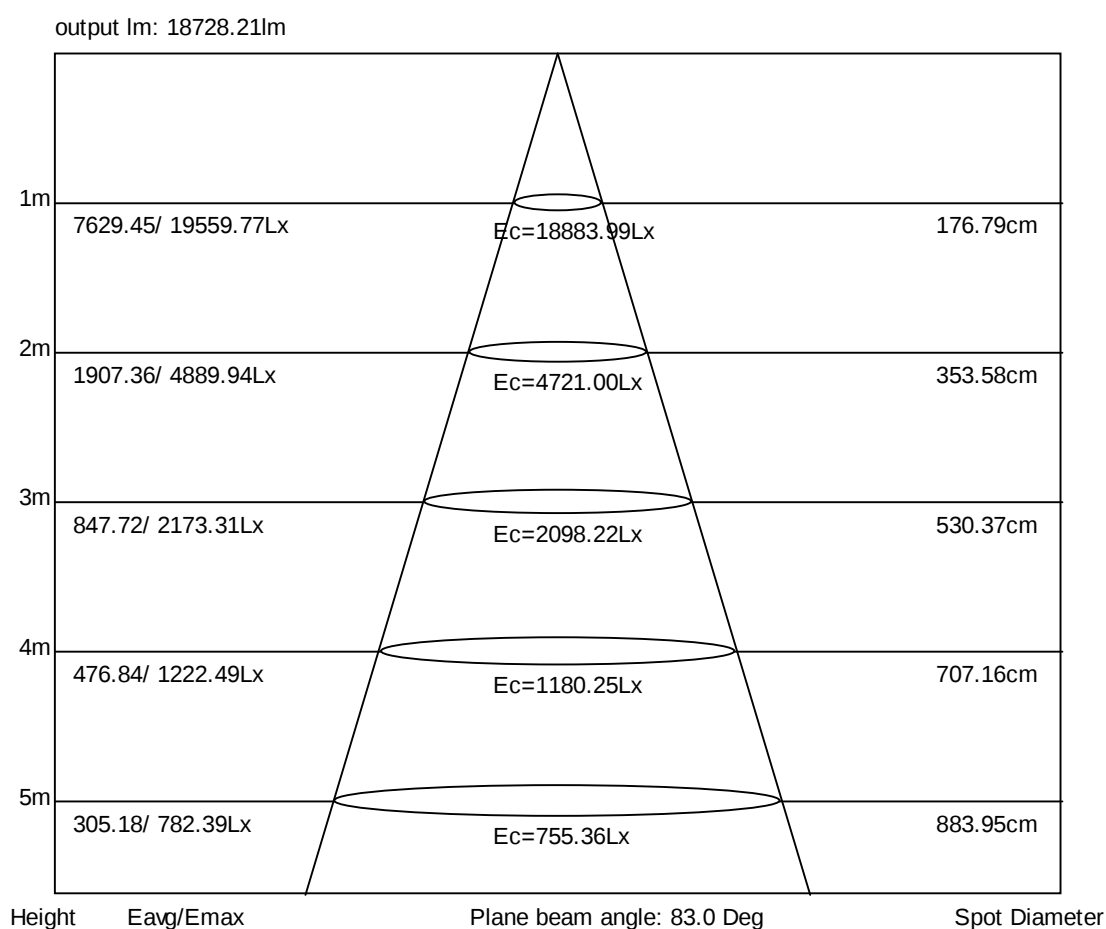
Humidity(%): 60

Date: 2023-6-9

Remark:

Measured Para U: 215.0V I: 1390.5mA P: 289.70W PF: 0.969 Test LM: 30910.99lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-300M01	Lamp Spec:	Shape Size:
Manufactory: LIPER	Sur(m ²):	Protect Angle(Deg):

Average Illumination



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2023-6-9

Remark:

Measured Para U: 215.0V I: 1390.5mA P: 289.70W PF: 0.969 Test LM: 30910.99lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-300M01	Lamp Spec:	Shape Size:
Manufactory: LIPER	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	18865	18936	19200	19098	18799	19002	19088	18687	0-5	452	452
10	18642	19058	19321	19301	18459	18637	18865	18774	5-10	1358	1810
15	18261	19164	16552	18277	17967	17024	15513	18114	10-15	2178	3989
20	17749	18109	13550	16746	17415	15414	12812	17209	15-20	2792	6781
25	17136	15219	9810	13137	16674	11837	9045	13115	20-25	3075	9856
30	16299	13379	6254	10159	15751	8926	5750	9941	25-30	3053	12909
35	17264	10243	4009	7054	16660	5987	3828	6782	30-35	2895	15804
40	16259	7202	2995	4615	15645	3931	2908	4338	35-40	2689	18493
45	15031	4585	2325	3310	14485	2971	2257	3143	40-45	2436	20929
50	13452	3249	1861	2531	13029	2281	1813	2389	45-50	2230	23159
55	11378	2480	1529	1983	11074	1769	1477	1858	50-55	2018	25177
60	8658	1915	1211	1573	8327	1368	1173	1448	55-60	1715	26891
65	5880	1489	967	1206	4993	1019	987	1092	60-65	1310	28201
70	3281	1125	999	901	2481	737	980	806	65-70	902	29103
75	1675	806	788	681	1397	508	772	594	70-75	594	29697
80	876	573	541	491	707	289	524	380	75-80	386	30083
85	311	339	304	258	224	106	285	156	80-85	212	30296
90	103	109	81.3	89.1	110	103	93.4	109	85-90	82.6	30378
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): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2023-6-9

Remark:

Measured Para U: 215.0V I: 1390.5mA P: 289.70W PF: 0.969 Test LM: 30910.99lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-300M01	Lamp Spec:	Shape Size:
Manufactory: LIPER	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	19k	19k	19k	19k	19k	19k	19k	19k	19k	19k	19k	19k	19k	19k	19k
10.0	19k	19k	19k	19k	19k	19k	19k	19k	19k	18k	19k	19k	19k	19k	19k	19k	19k	19k
15.0	18k	19k	19k	18k	17k	17k	18k	18k	18k	18k	18k	17k	17k	16k	16k	17k	18k	18k
20.0	18k	18k	18k	17k	15k	14k	16k	17k	17k	17k	17k	16k	15k	13k	14k	16k	17k	18k
25.0	17k	16k	15k	13k	11k	11k	12k	14k	15k	17k	15k	12k	11k	9656	9935	12k	14k	15k
30.0	16k	15k	14k	11k	7812	7108	8877	11k	13k	16k	13k	9673	7884	6445	6667	8566	11k	14k
35.0	17k	14k	11k	8198	5373	4675	6055	8105	12k	17k	12k	7154	5279	4301	4474	5813	7928	13k
40.0	16k	12k	8193	5822	3915	3349	4083	5821	11k	16k	11k	5212	3595	3132	3221	3869	5642	11k
45.0	15k	10k	5728	3844	2819	2540	2987	4532	9596	14k	9447	4230	2736	2413	2451	2852	4444	9830
50.0	13k	8988	4365	2793	2164	2007	2311	3679	8436	13k	8327	3457	2128	1916	1939	2200	3599	8612
55.0	11k	7485	3453	2168	1737	1628	1834	2977	7097	11k	7003	2787	1673	1541	1560	1733	2900	7213
60.0	8658	5708	2653	1684	1365	1290	1454	2312	5372	8327	5282	2129	1304	1216	1233	1358	2237	5504
65.0	5880	3959	1970	1318	1082	1020	1128	1620	3336	4993	3254	1454	1009	994	1010	1058	1616	3785
70.0	3281	2338	1361	1083	1026	977	933	1074	1790	2481	1718	928	817	927	942	863	1077	2198
75.0	1675	1295	901	800	792	764	716	759	1084	1397	1008	605	595	715	733	653	712	1202
80.0	876	743	606	563	548	530	507	514	613	707	524	335	367	473	493	428	435	659
85.0	311	323	336	327	312	294	273	254	239	224	173	119	165	245	256	198	173	243
90.0	103	106	108	99.8	87.3	83	86.5	91.4	101	110	107	104	99.7	95.4	96.7	104	108	106
95.0																		
100.0																		
105.0																		
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165.0																		
170.0																		
175.0																		
180.0																		

Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2023-6-9

Remark: