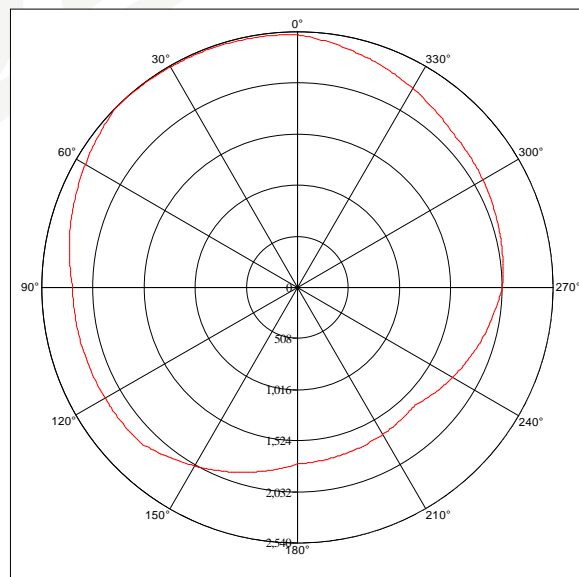
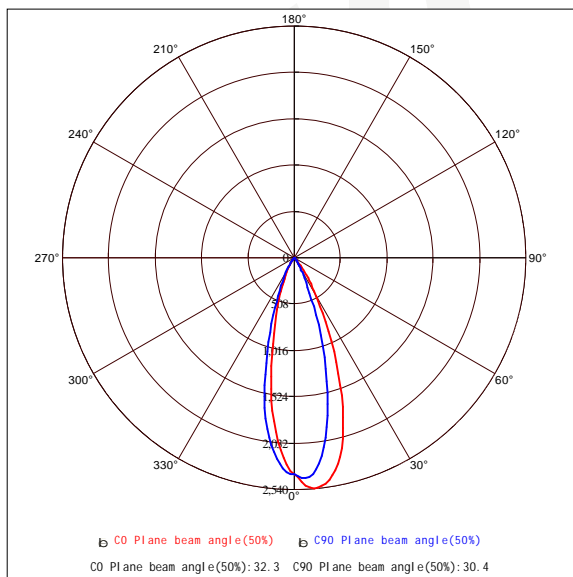


LED DOWN LIGHT

Measured Para U: 217.5V I: 70.0mA P: 9.70W PF: 0.634 Test LM: 855.06lm						
Lamp Name: LED DOWN LIGHT		Lamp Type:		Weight(kg):		
Lamp ID: LPDL-10A-Y		Lamp Spec: LPDL-10A-Y		Shape Size:		
Manufactory: LIPER		Sur(m ²):		Protect Angle(Deg):		
Light Source Data			Photometric Data			
Model	LPDL-10A-Y		Peak Value(cd)	2538.5	Efficiency(lm/w)	88.2
Nominal P(w)	1.0		Position	45.0, 7.0	UP(C0-C180)	0.0
Rated Volt(v)	1.0		Total Flux(lm)	855.061	Down(C0-C180)	56.8
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)	43.2

Planar Intensity Distribution Curve

Peak Point Conical surface Curve



Gama Angle Range: -90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxx

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval(Deg): 45

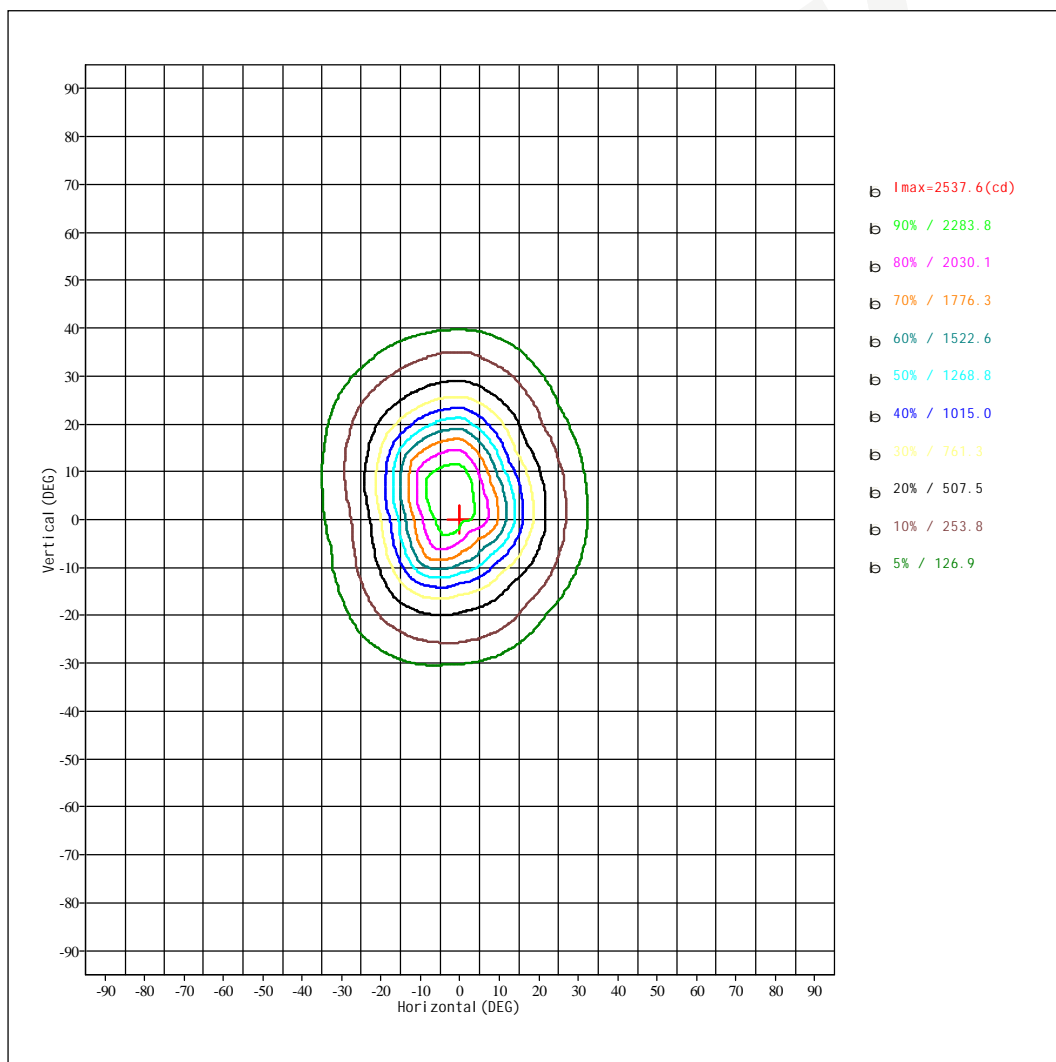
Humi dity(%): 60

Date: 2023-9-6

Remark:

Measured Para U: 217.5V I: 70.0mA P: 9.70W PF: 0.634 Test LM: 855.06lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-10A-Y	Lamp Spec: LPDL-10A-Y	Shape Si ze:
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: zxg

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

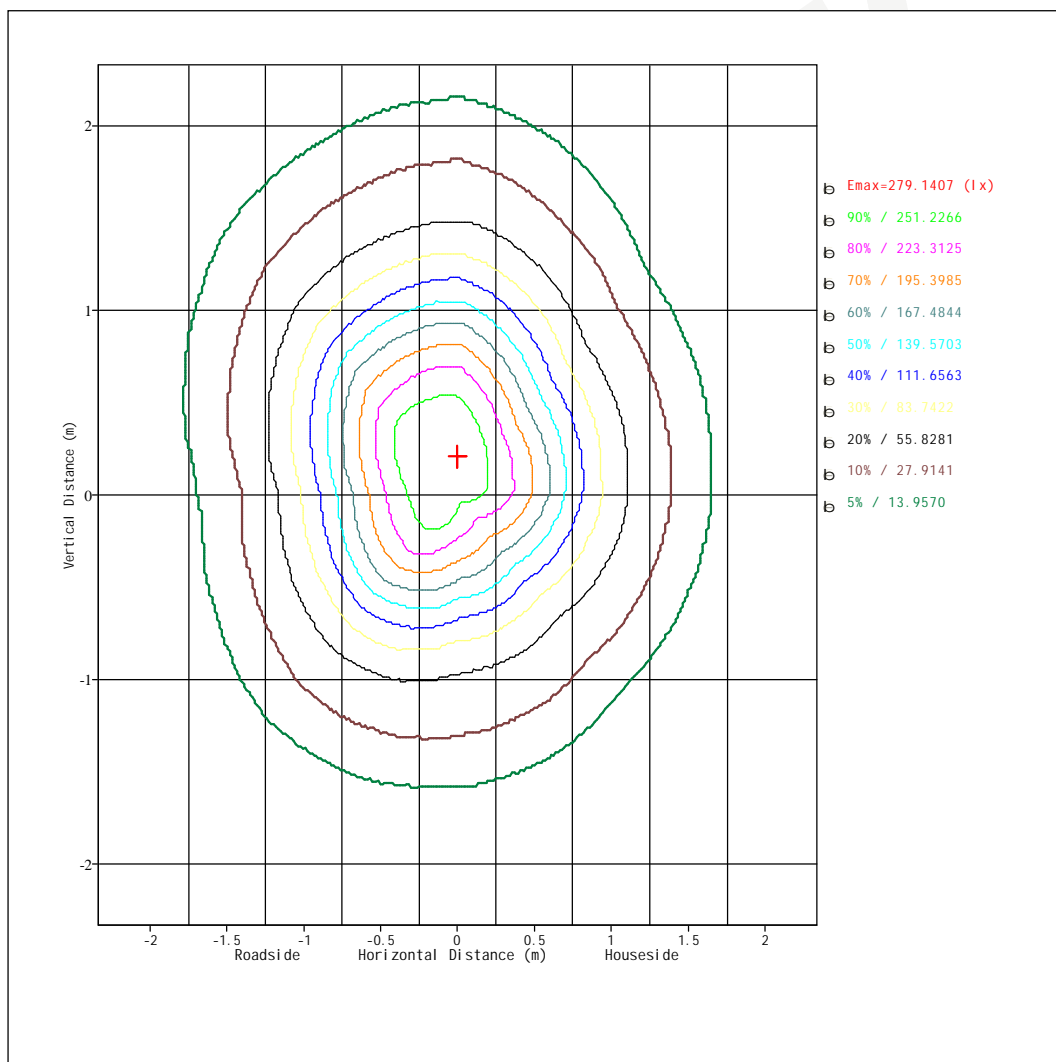
Humi di ty(%): 60

Date: 2023-9-6

Remark:

Measured Para U: 217.5V I: 70.0mA P: 9.70W PF: 0.634 Test LM: 855.061m		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-10A-Y	Lamp Spec: LPDL-10A-Y	Shape Si ze:
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: zxg

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

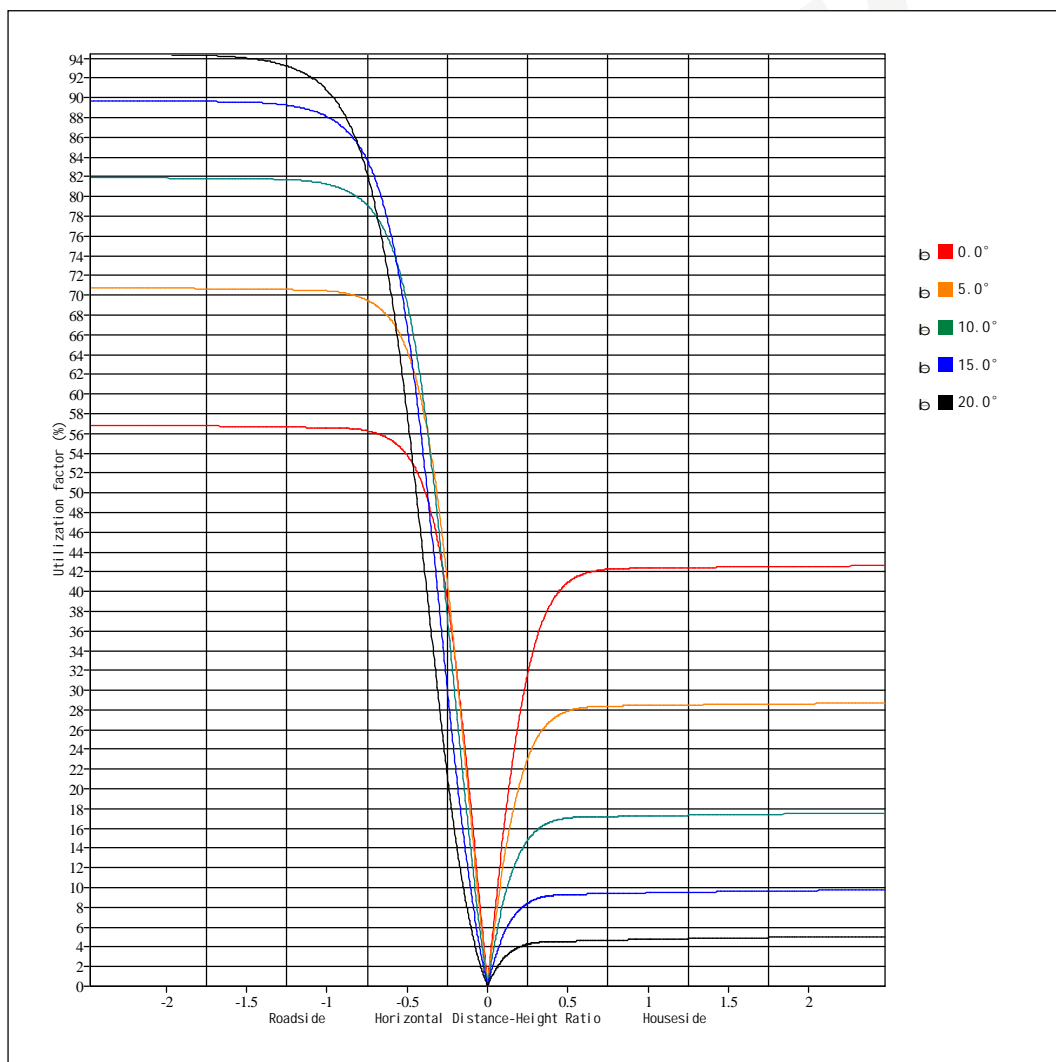
Humi di ty(%): 60

Date: 2023-9-6

Remark:

Measured Para U: 217.5V I: 70.0mA P: 9.70W PF: 0.634 Test LM: 855.06lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-10A-Y	Lamp Spec: LPDL-10A-Y	Shape Si ze:
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): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

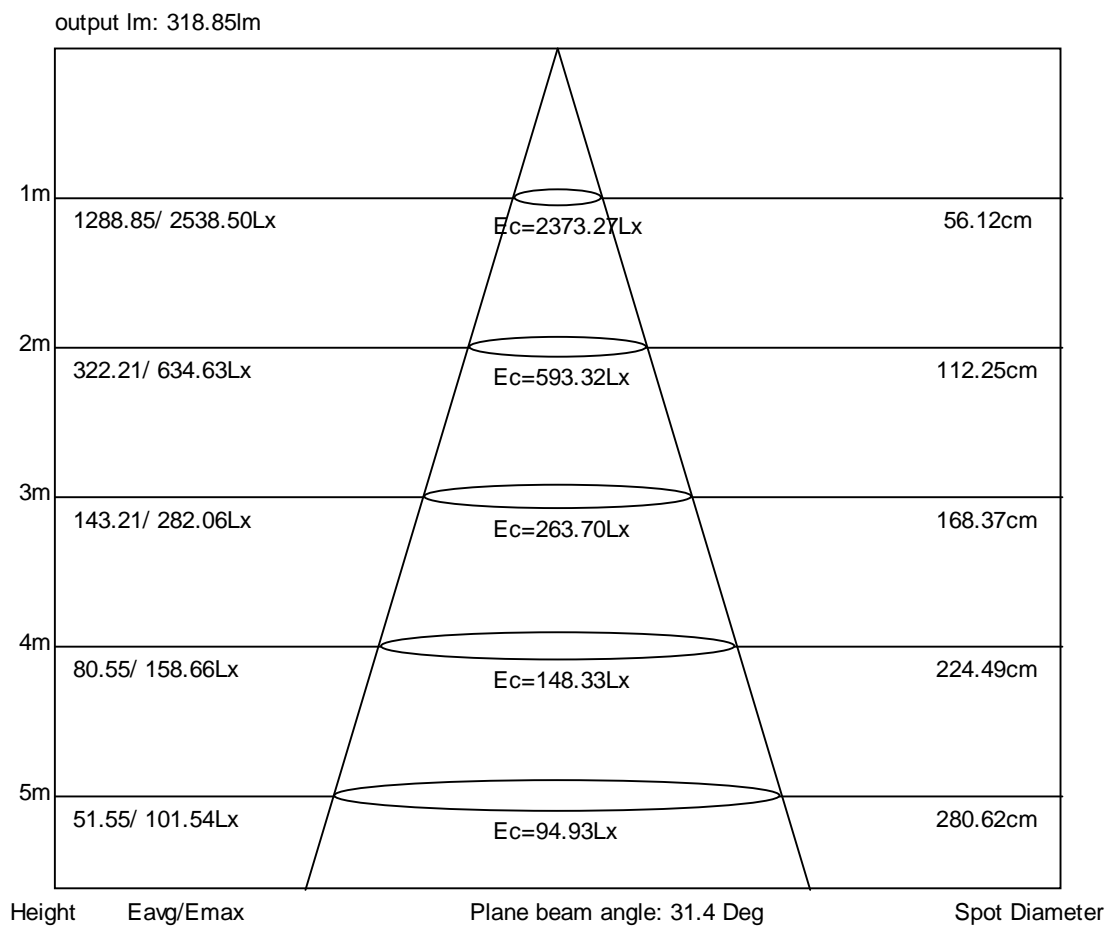
Humi di ty(%): 60

Date: 2023-9-6

Remark:

Measured Para U: 217.5V I: 70.0mA P: 9.70W PF: 0.634 Test LM: 855.06lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-10A-Y	Lamp Spec: LPDL-10A-Y	Shape Si ze:
Manufactory: LIPER	Sur(m ²):	Protect Angle(Deg):

Average Illumination



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxg

Distance(m): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humi di ty(%): 60

Date: 2023-9-6

Remark:

Measured Para U: 217.5V I: 70.0mA P: 9.70W PF: 0.634 Test LM: 855.06lm		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPDL-10A-Y	Lamp Spec: LPDL-10A-Y	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	2538	2521	2361	2319	1970	1862	2179	2310	0-5	55.4	55.4
10	2401	2439	1950	1926	1391	1321	1736	1880	5-10	148	203
15	2004	2021	1329	1303	806	762	1129	1284	10-15	189	392
20	1426	1415	732	725	454	415	628	740	15-20	173	566
25	833	804	325	385	268	218	313	383	20-25	128	694
30	454	411	145	184	105	81.9	146	184	25-30	79.2	773
35	253	207	68.5	76.8	15.3	6.83	60.5	74.6	30-35	43.3	816
40	99.3	92.6	25	16.8	2.49	1.9	7.23	11.5	35-40	20.3	837
45	13.9	17.8	2.72	2.81	1.78	1.39	2.19	1.72	40-45	5.91	843
50	2.7	3.34	2.15	2.33	1.94	1.7	1.65	1.19	45-50	1.14	844
55	2.29	2.56	2.42	2.52	2.29	2.1	1.87	1.47	50-55	0.92	845
60	2.6	2.77	2.68	2.72	2.67	2.48	2.2	1.84	55-60	1.08	846
65	2.81	2.93	2.88	2.82	2.98	2.79	2.54	2.19	60-65	1.28	847
70	2.98	3.09	2.94	2.88	3.27	3.09	2.85	2.38	65-70	1.44	848
75	3.01	3.14	2.94	2.77	3.49	3.26	3.09	3.01	70-75	1.58	850
80	2.99	3.08	2.86	2.59	3.61	3.4	3.29	3.22	75-80	1.67	852
85	2.85	2.95	2.72	2.72	3.57	3.35	3.35	3.29	80-85	1.7	853
90	2.76	2.75	2.59	2.51	3.45	3.29	3.32	3.31	85-90	1.67	855
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): 8.500

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humidity(%): 60

Date: 2023-9-6

Remark:

Measured Para U: 217.5V I: 70.0mA P: 9.70W PF: 0.634 Test LM: 855.061m		
Lamp Name: LED DOWN LIGHT	Lamp Type:	Weight (kg):
Lamp ID: LPDL-10A-Y	Lamp Spec: LPDL-10A-Y	Shape Si ze:
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	2538	2530	2523	2468	2396	2352	2333	2281	2122	1970	1923	1874	1966	2109	2207	2267	2335	2438
10.0	2401	2417	2435	2279	2057	1945	1934	1867	1625	1391	1360	1329	1458	1646	1768	1833	1937	2173
15.0	2004	2011	2019	1794	1480	1323	1312	1249	1023	806	787	767	882	1048	1163	1233	1363	1689
20.0	1426	1421	1416	1191	881	730	727	696	573	454	437	419	485	581	652	703	815	1126
25.0	833	820	808	647	430	338	365	372	319	268	246	224	249	293	329	360	432	636
30.0	454	435	415	323	203	153	171	175	139	105	94.9	84.4	103	132	154	171	214	336
35.0	253	233	212	162	98.8	70.3	74.1	70	42.2	15.3	11.6	7.76	24.4	48.7	63.6	70	94.1	175
40.0	99.3	96.4	93.3	70.4	39.8	23.2	19.5	15.3	8.76	2.49	2.23	1.96	3.65	6.07	8.16	10.1	21.1	60.9
45.0	13.9	15.6	17.4	12.8	6.02	2.74	2.78	2.7	2.23	1.78	1.61	1.44	1.66	2.02	2.09	1.87	3.05	8.58
50.0	2.7	2.98	3.27	2.95	2.41	2.19	2.27	2.28	2.11	1.94	1.83	1.72	1.68	1.66	1.55	1.34	1.36	2.04
55.0	2.29	2.41	2.53	2.52	2.45	2.44	2.49	2.5	2.39	2.29	2.2	2.12	2.02	1.92	1.78	1.6	1.56	1.93
60.0	2.6	2.67	2.75	2.74	2.7	2.69	2.7	2.71	2.69	2.67	2.58	2.5	2.39	2.26	2.12	1.96	1.93	2.27
65.0	2.81	2.86	2.92	2.91	2.89	2.86	2.84	2.84	2.91	2.98	2.9	2.81	2.71	2.59	2.46	2.3	2.26	2.54
70.0	2.98	3.03	3.08	3.04	2.97	2.93	2.9	2.92	3.1	3.27	3.19	3.11	3.01	2.9	2.74	2.53	2.44	2.71
75.0	3.01	3.06	3.12	3.07	2.98	2.9	2.82	2.85	3.17	3.49	3.39	3.28	3.2	3.13	3.07	3.03	3.01	3.01
80.0	2.99	3.03	3.07	3.01	2.91	2.8	2.68	2.71	3.17	3.61	3.52	3.42	3.36	3.32	3.28	3.24	3.19	3.09
85.0	2.85	2.89	2.94	2.87	2.77	2.72	2.72	2.82	3.2	3.57	3.47	3.38	3.35	3.35	3.33	3.31	3.25	3.05
90.0	2.76	2.75	2.75	2.7	2.63	2.57	2.54	2.61	3.04	3.45	3.38	3.31	3.3	3.31	3.31	3.31	3.25	3
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)

C Angle Range: 0 - 180(Deg)

Gama interval (Deg): 1

C interval (Deg): 45

Temperature(Deg): 30

Humi di ty(%): 60

Tester: zxcg

Date: 2023-9-6

Distance(m): 8.500

Remark:

Test System: ZWL Goniophotometer System V3.0