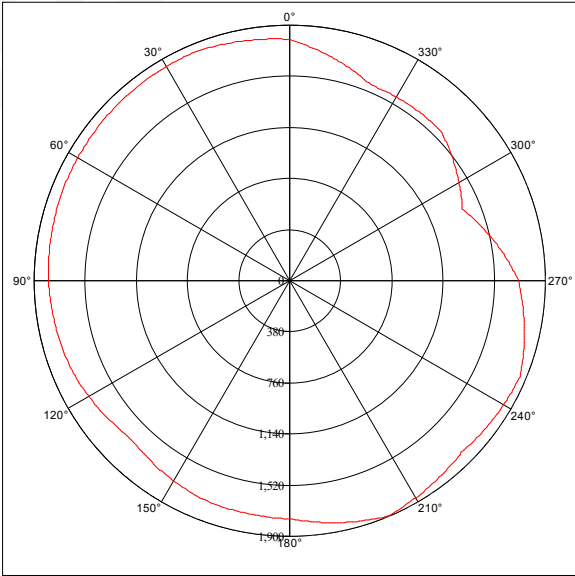
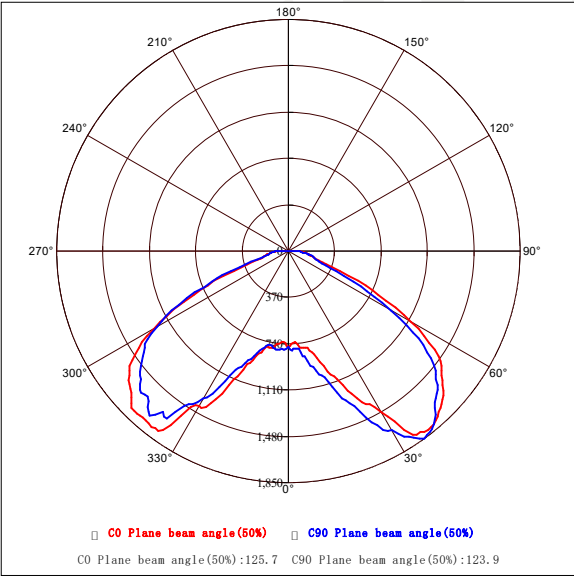


Goniophotometer Test Report

Measured Para U: 229.2V I: 256.0mA P: 57.80W PF: 0.982 Test LM: 5708.78lm						
Lamp Name: PY-GD302-60W			Lamp Type:		Weight(kg):	
Lamp ID:			Lamp Spec: 60w		Shape Size:	
Manufactory: 普达照明			Sur(m^2):		Protect Angle(Deg):	
Light Source Data			Photometric Data			
Model	60w		Peak Value(cd)	1896.9	Efficiency(lm/w)	98.8
Nominal P(w)		60.0	Position	202.5, 40.0	UP(C0-C180)	0.0
Rated Volt(v)		1.0	Total Flux(lm)	5708.783	Down(C0-C180)	48.8
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)	51.2

Planar Intensity Distribution Curve

Peak Point Conical surface Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 25

Tester:

Distance(m): 10.95

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

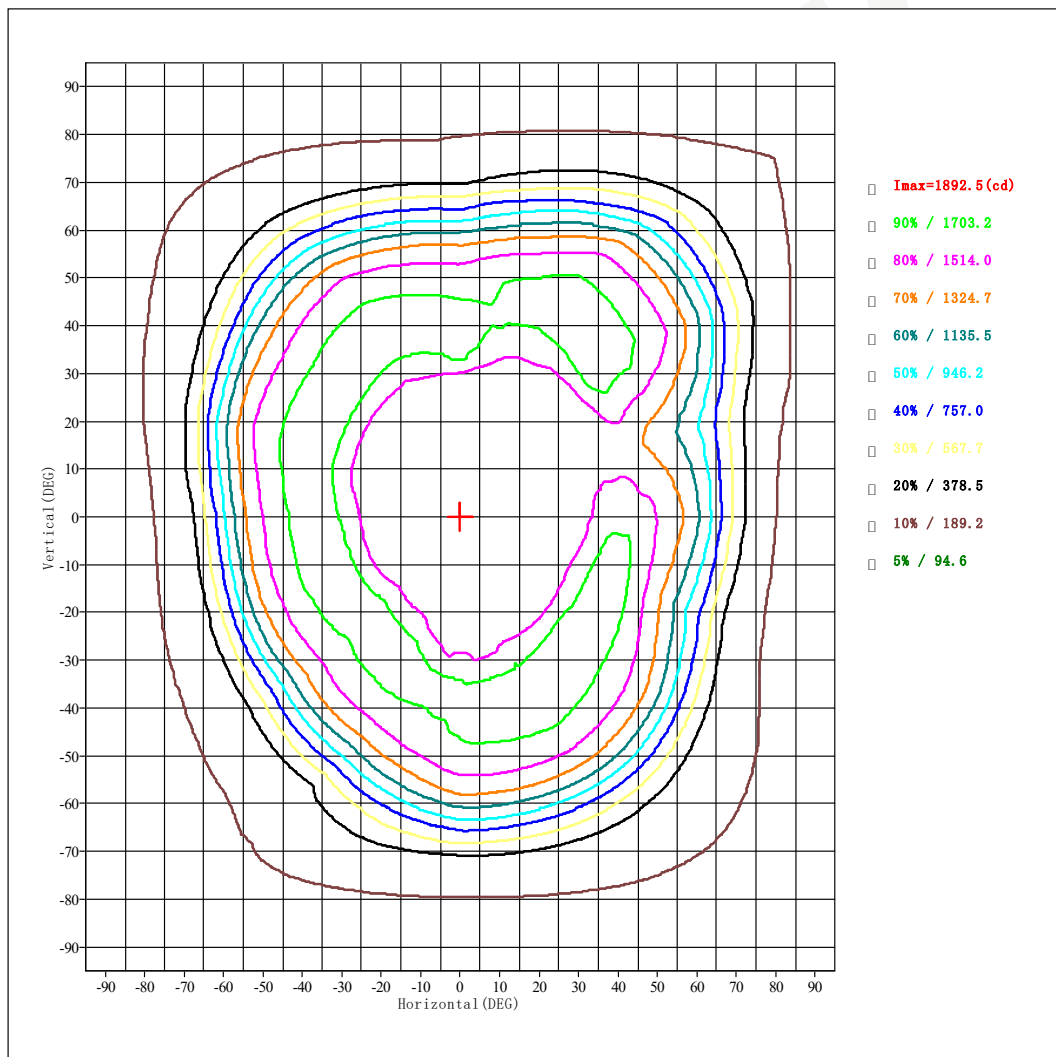
Humidity(%): 60

Date: 2024/1/8

Remark:

Measured Para U: 229.2V I: 256.0mA P: 57.80W PF: 0.982 Test LM: 5708.78lm		
Lamp Name: PY-GD302-60W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: 60w	Shape Size:
Manufactory: 普达照明	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Planar IsoCandela Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 25

Tester:

Distance(m): 10.95

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

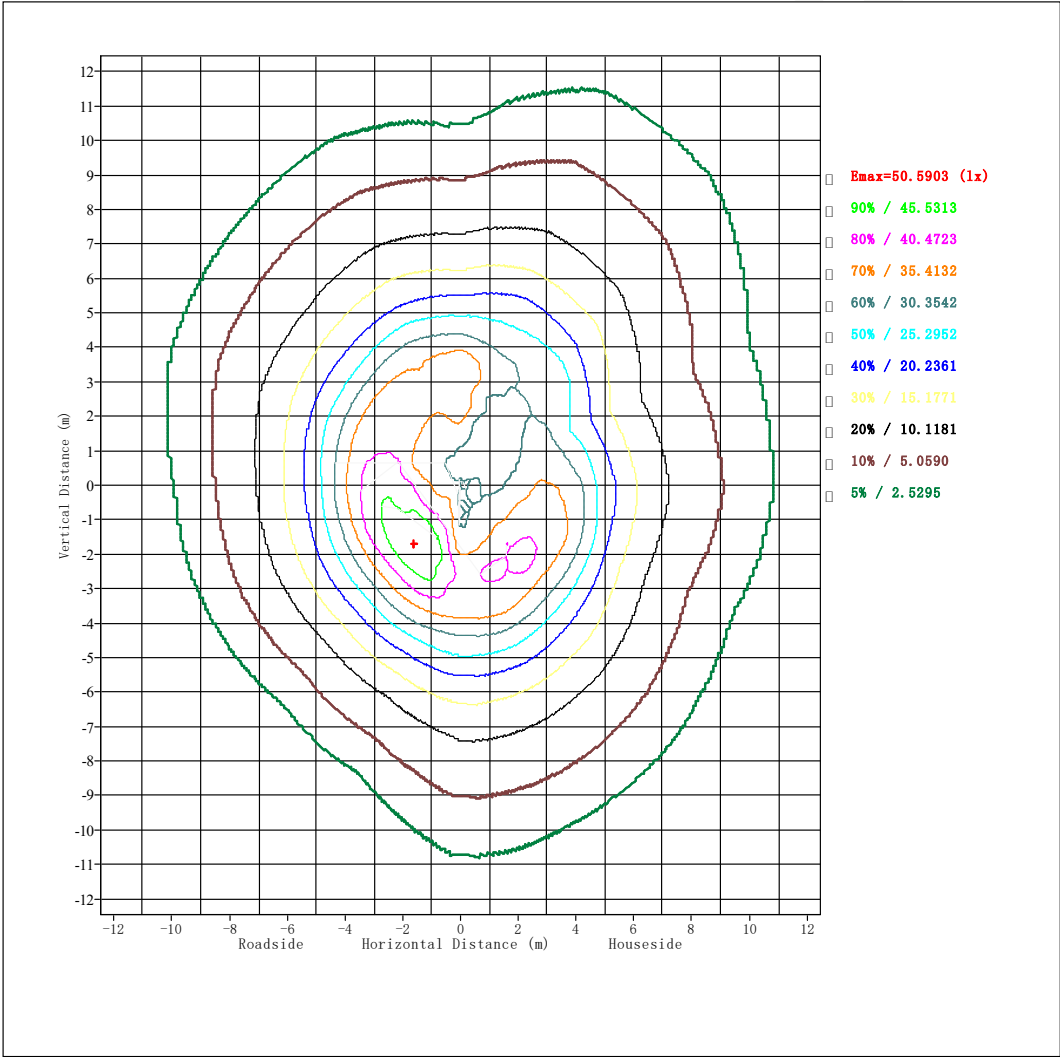
Humidity(%): 60

Date: 2024/1/8

Remark:

Measured Para U: 229.2V I: 256.0mA P: 57.80W PF: 0.982 Test LM: 5708.78lm		
Lamp Name: PY-GD302-60W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: 60w	Shape Size:
Manufactory: 普达照明	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Planar Isolux curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 25

Tester:

Distance(m): 10.95

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

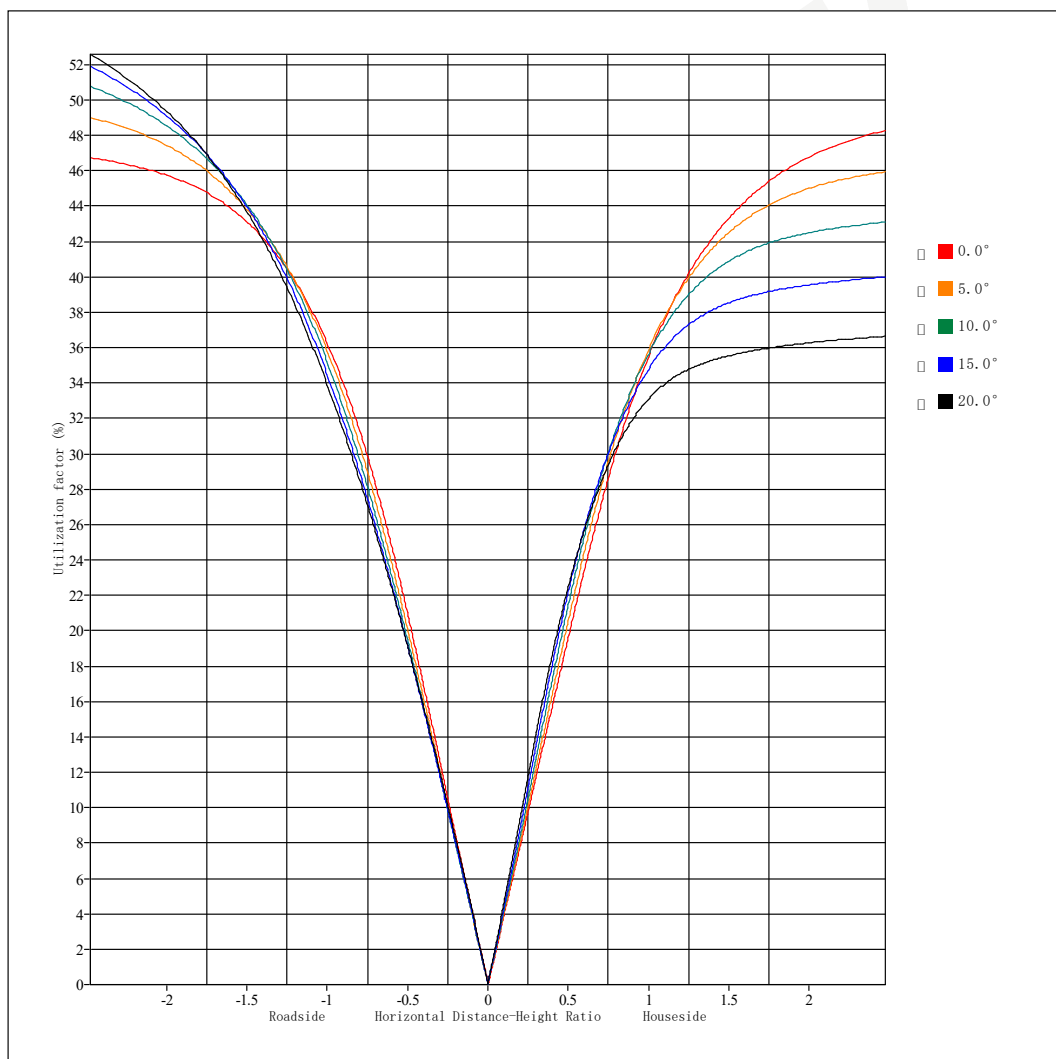
Humidity(%): 60

Date: 2024/1/8

Remark:

Measured Para U: 229.2V I: 256.0mA P: 57.80W PF: 0.982 Test LM: 5708.78lm		
Lamp Name: PY-GD302-60W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: 60w	Shape Size:
Manufactory: 普达照明	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

### Utilization Coefficient



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 25

Tester:

Distance(m): 10.95

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

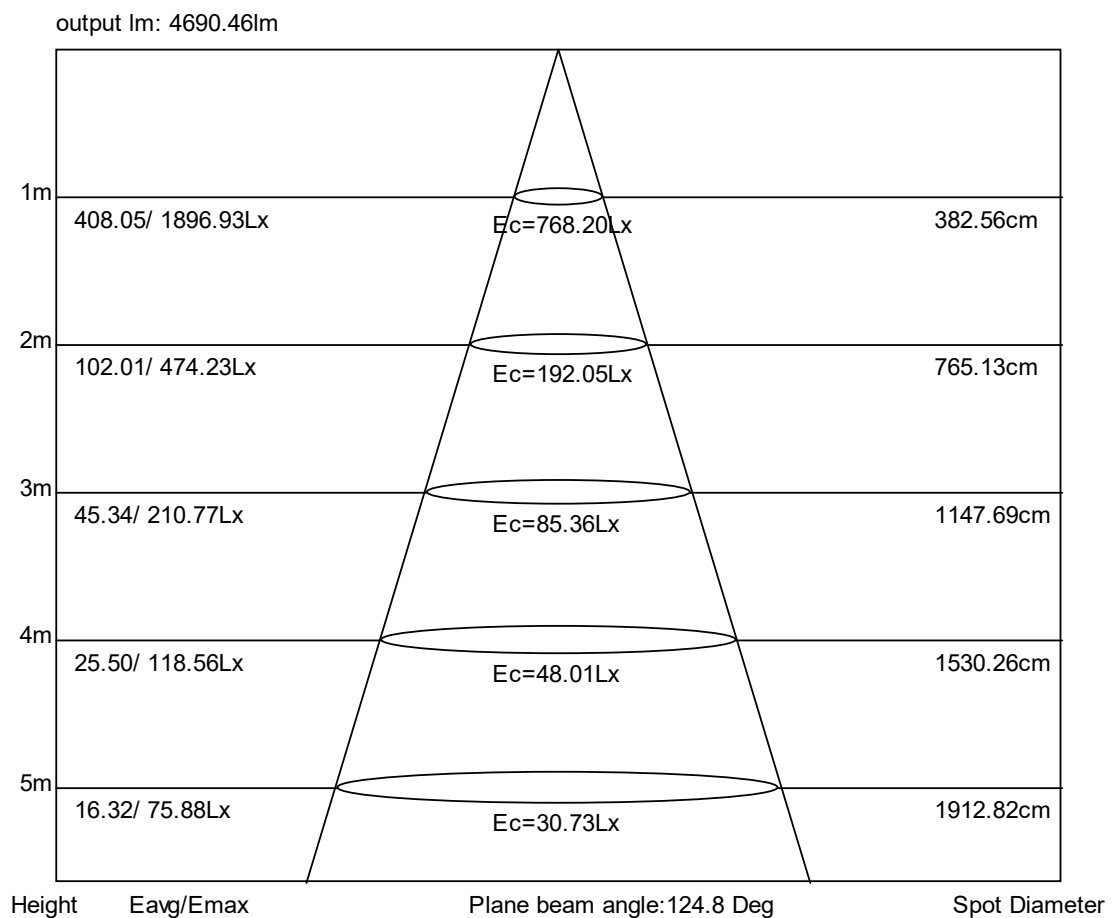
Humidity(%): 60

Date: 2024/1/8

Remark:

Measured Para U: 229.2V I: 256.0mA P: 57.80W PF: 0.982 Test LM: 5708.78lm		
Lamp Name: PY-GD302-60W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: 60w	Shape Size:
Manufactory: 普达照明	Sur (m <sup>2</sup> ):	Protect Angle(Deg):

### Average Illumination



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 25

Tester:

Distance(m): 10.95

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

Humidity(%): 60

Date: 2024/1/8

Remark:

Measured Para U: 229.2V I: 256.0mA P: 57.80W PF: 0.982 Test LM: 5708.78lm		
Lamp Name: PY-GD302-60W	Lamp Type:	Weight (kg):
Lamp ID:	Lamp Spec: 60w	Shape Size:
Manufactory: 普达照明	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Ring-shaped Flux Data Table

Gm\C(Deg)	0	45	90	135	180	225	270	315	Range	Ring	T(lm)
5	745	768	780	854	746	776	798	744	0-5	18.4	18.4
10	781	805	932	994	785	785	763	743	5-10	57.5	75.9
15	915	898	1033	1164	836	885	812	768	10-15	103	178
20	1089	1001	1266	1465	963	1066	924	794	15-20	165	344
25	1327	1238	1499	1710	1288	1410	1142	910	20-25	249	593
30	1528	1494	1655	1804	1419	1541	1369	1153	25-30	358	951
35	1789	1756	1852	1772	1786	1815	1620	1363	30-35	473	1424
40	1794	1832	1794	1666	1770	1806	1701	1585	35-40	575	1999
45	1724	1746	1653	1528	1771	1732	1628	1801	40-45	638	2636
50	1585	1653	1534	1286	1649	1596	1539	1775	45-50	659	3295
55	1448	1477	1281	929	1503	1408	1398	1693	50-55	642	3937
60	1099	1221	897	557	1206	1089	1178	1559	55-60	573	4510
65	706	808	529	284	800	682	856	1342	60-65	447	4957
70	343	422	273	224	420	344	529	1029	65-70	300	5256
75	218	253	214	161	223	223	239	639	70-75	181	5437
80	169	221	161	120	172	198	160	317	75-80	120	5557
85	119	161	104	105	125	138	125	220	80-85	86.5	5644
90	94.7	105	89.8	104	87.3	97	83.8	166	85-90	64.9	5709
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): 25

Tester:

Distance(m): 10.95

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

Humidity(%): 60

Date: 2024/1/8

Remark:

Measured Para U: 229.2V I: 256.0mA P: 57.80W PF: 0.982 Test LM: 5708.78lm		
Lamp Name: PY-GD302-60W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: 60w	Shape Size:
Manufactory: 普达照明	Sur(m <sup>2</sup> ):	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	745	736	760	782	784	796	829	843	798	746	755	772	789	797	788	765	740	726
10.0	781	783	801	796	871	933	955	988	944	785	792	787	774	766	766	760	741	739
15.0	915	863	889	899	975	1059	1117	1160	1105	836	879	885	895	851	794	769	770	797
20.0	1089	1007	1000	1048	1181	1314	1406	1445	1322	963	1043	1064	1044	971	907	854	796	839
25.0	1327	1215	1229	1310	1433	1511	1590	1682	1546	1288	1313	1389	1340	1213	1086	978	931	1048
30.0	1528	1466	1486	1519	1601	1701	1775	1806	1764	1419	1596	1559	1550	1450	1350	1265	1159	1223
35.0	1789	1648	1728	1727	1790	1856	1830	1782	1816	1786	1744	1798	1746	1659	1512	1370	1369	1440
40.0	1794	1835	1834	1822	1804	1775	1722	1684	1751	1770	1881	1826	1839	1769	1565	1456	1583	1603
45.0	1724	1822	1765	1774	1712	1645	1599	1540	1606	1771	1790	1745	1696	1649	1516	1520	1799	1781
50.0	1585	1678	1661	1642	1579	1497	1394	1306	1412	1649	1668	1612	1520	1513	1417	1437	1791	1813
55.0	1448	1555	1498	1497	1380	1225	1076	953	1095	1503	1491	1426	1275	1313	1298	1350	1704	1707
60.0	1099	1243	1230	1227	1043	844	700	570	689	1206	1166	1104	960	1053	1110	1207	1570	1547
65.0	706	853	823	821	659	469	356	288	362	800	766	700	635	749	839	998	1352	1302
70.0	343	477	438	432	345	265	245	225	251	420	374	349	302	420	541	718	1023	917
75.0	218	250	254	254	231	209	189	163	176	223	232	225	185	207	258	404	631	553
80.0	169	193	216	212	181	156	139	121	130	172	179	194	157	149	163	218	311	274
85.0	119	153	160	160	128	104	104	104	105	125	134	138	112	113	129	164	221	212
90.0	94.7	97.5	103	103	94.8	92.8	99.2	104	99.6	87.3	96.2	97.1	77.7	76.7	96.2	131	168	166
95.0																		
100.0																		
105.0																		
110.0																		
115.0																		
120.0																		
125.0																		
130.0																		
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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): 1

Temperature(Deg): 25

Tester:

Distance(m): 10.95

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 22.5

Humidity(%): 60

Date: 2024/1/8

Remark: