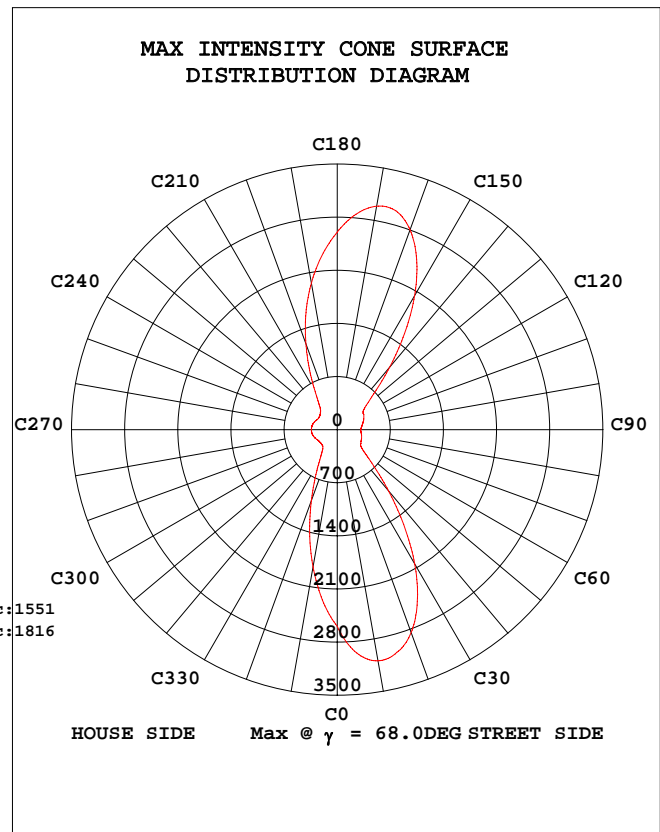
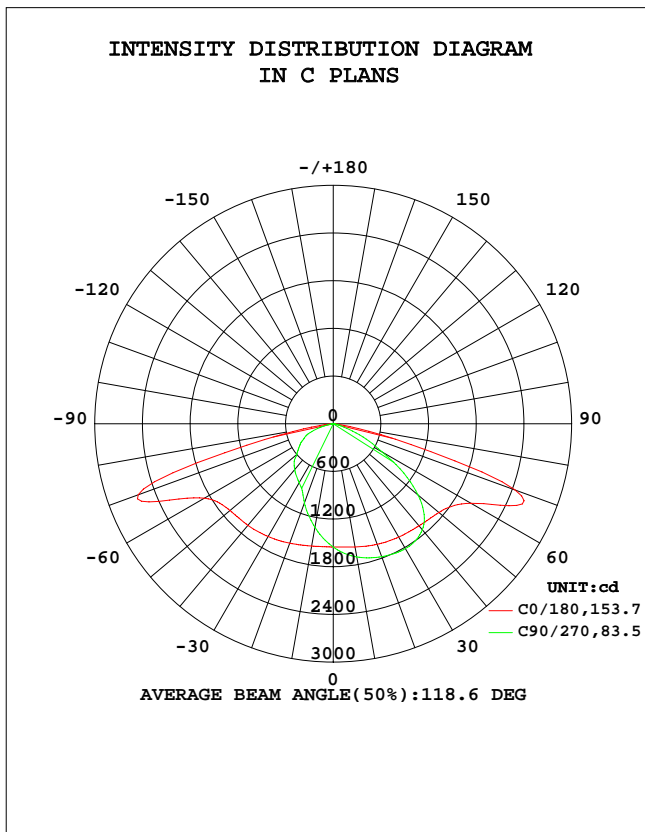


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.1850A P:39.85W PF:0.9826 Freq:50.01Hz Lamp Flux:6013.78x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WILE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 150.91 lm/W			
MODEL	3030	I _{max} (cd)	3038	η street_up(%)	0.0
NOMINAL POWER(W)	40	LOR(%)	100.0	η street_down(%)	62.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	6014	η house_up(%)	0.0
NOMINAL FLUX(lm)	6013.78	MAXIMUM @(C,γ)	15,68.0	η house_down(%)	37.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.328

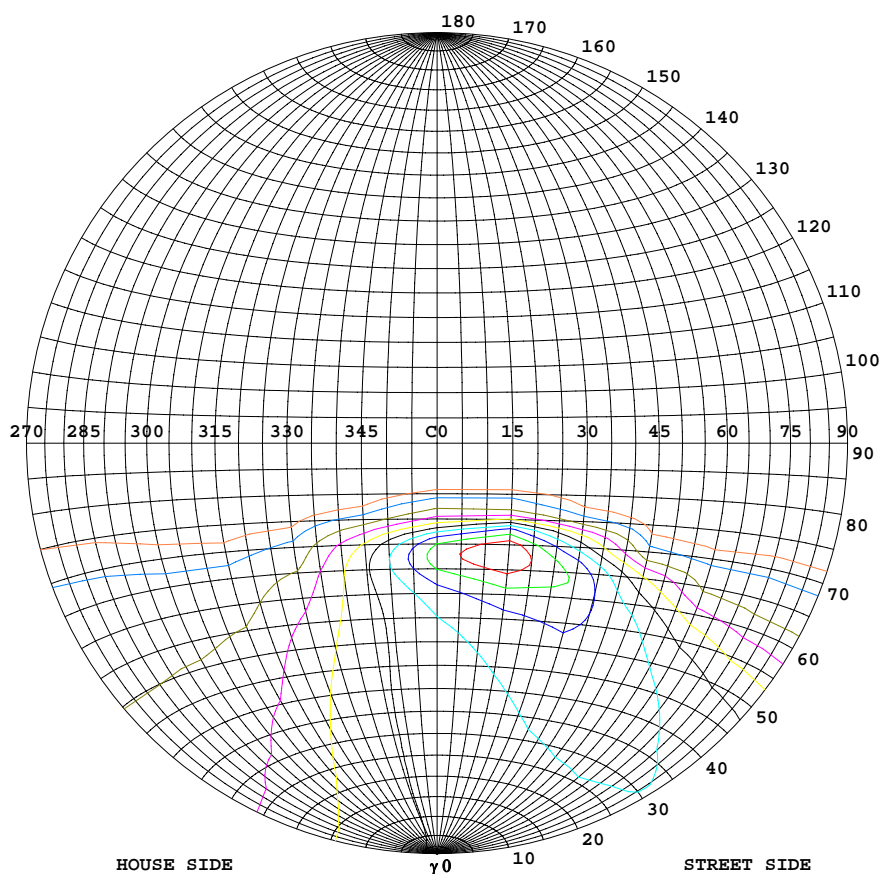


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.3V I:0.1850A P:39.85W PF:0.9826 Freq:50.01Hz Lamp Flux:6013.78x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



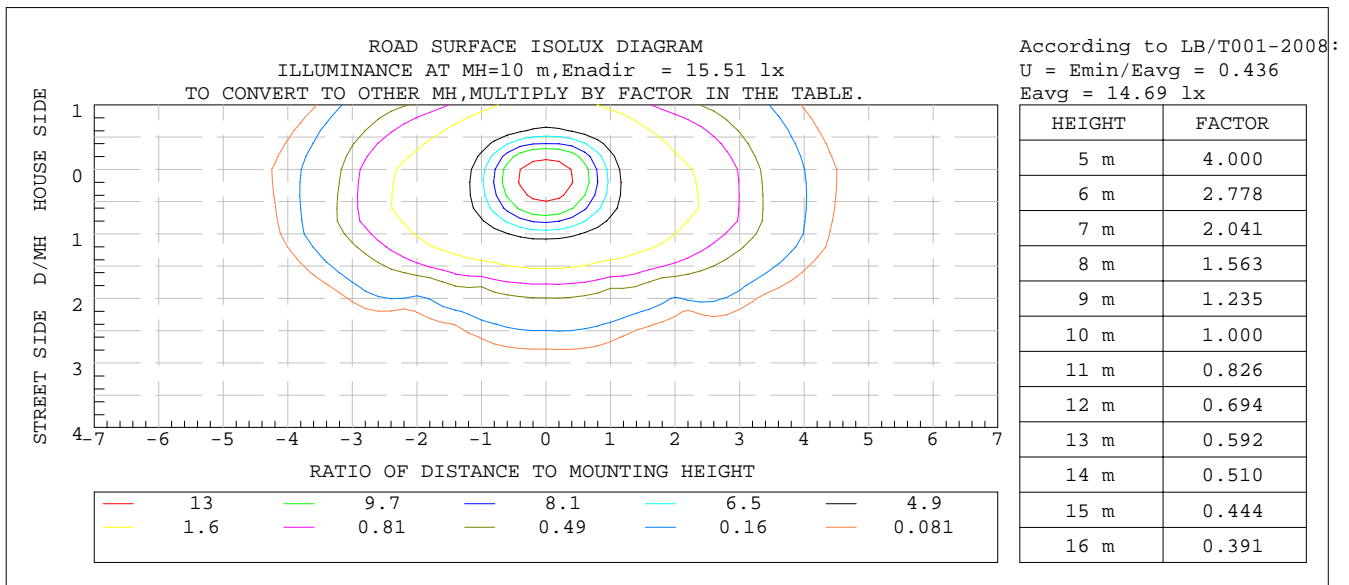
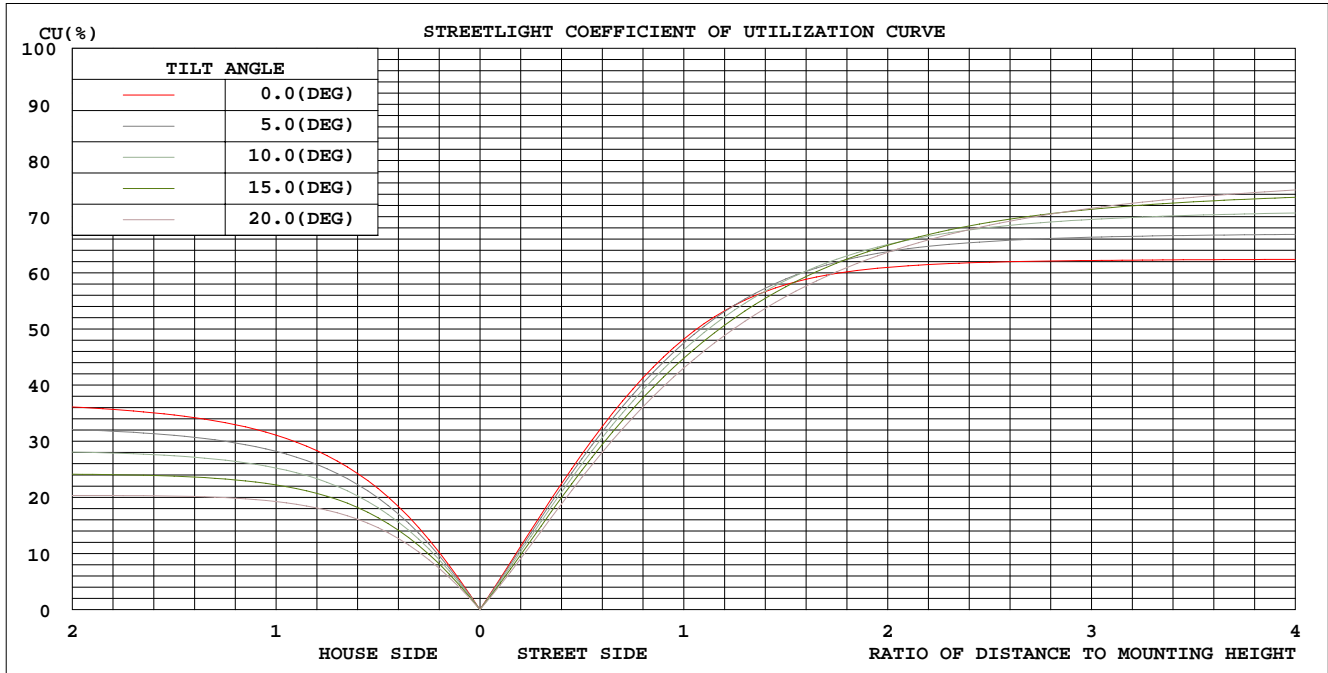
Classification:

IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:63.57cd/klm
Max.At90:0cd/klm
Max.80-90:63.57cd/klm
NRB 5101:Limited[4.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3038
90%	2734
80%	2430
70%	2127
60%	1823
50%	1519
40%	1215
30%	911
20%	608
10%	304
5%	152

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.3V I:0.1850A P:39.85W PF:0.9826 Freq:50.01Hz Lamp Flux:6013.78x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WILE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

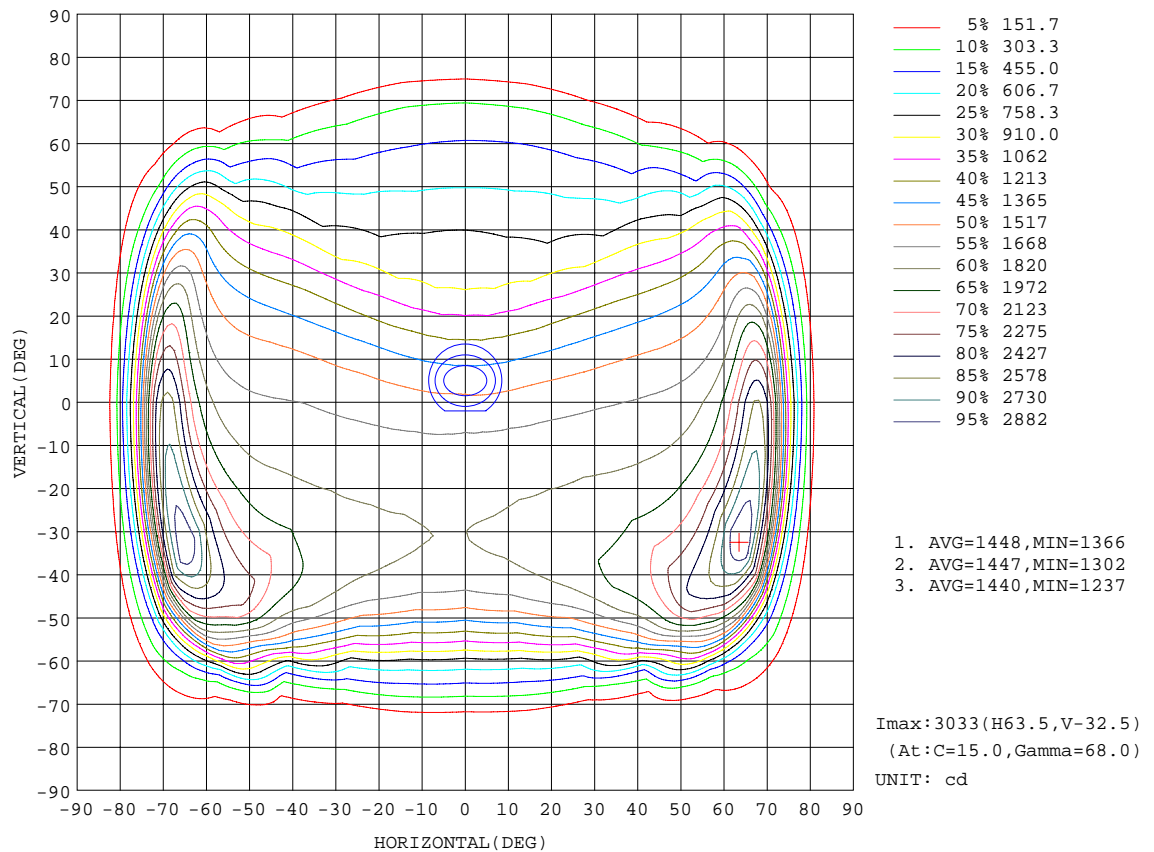
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1575	1671	1702	1668	1563	1410	1324	1410	0- 10	147.5	147.5	2.45,2.45
20	1615	1763	1780	1754	1600	1272	1061	1264	10- 20	432.8	580.3	9.65,9.65
30	1648	1835	1816	1813	1639	1129	857.8	1116	20- 30	691.7	1272	21.2,21.2
40	1677	1921	1743	1884	1670	959.3	755.6	928.1	30- 40	919.3	2191	36.4,36.4
50	1738	1982	1392	1937	1698	769.5	600.1	728.3	40- 50	1091	3283	54.6,54.6
60	2002	1703	708.5	1664	1875	528.9	467.8	495.0	50- 60	1151	4434	73.7,73.7
70	2431	382.2	216.7	447.7	2611	234.4	289.1	203.0	60- 70	1089	5523	91.8,91.8
80	217.9	42.33	36.39	51.24	382.3	42.45	41.48	33.55	70- 80	465.5	5988	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	25.30	6014	100,100
100	0	0	0	0	0	0	0	0	90-100	0	6014	100,100
110	0	0	0	0	0	0	0	0	100-110	0	6014	100,100
120	0	0	0	0	0	0	0	0	110-120	0	6014	100,100
130	0	0	0	0	0	0	0	0	120-130	0	6014	100,100
140	0	0	0	0	0	0	0	0	130-140	0	6014	100,100
150	0	0	0	0	0	0	0	0	140-150	0	6014	100,100
160	0	0	0	0	0	0	0	0	150-160	0	6014	100,100
170	0	0	0	0	0	0	0	0	160-170	0	6014	100,100
180	0	0	0	0	0	0	0	0	170-180	0	6014	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

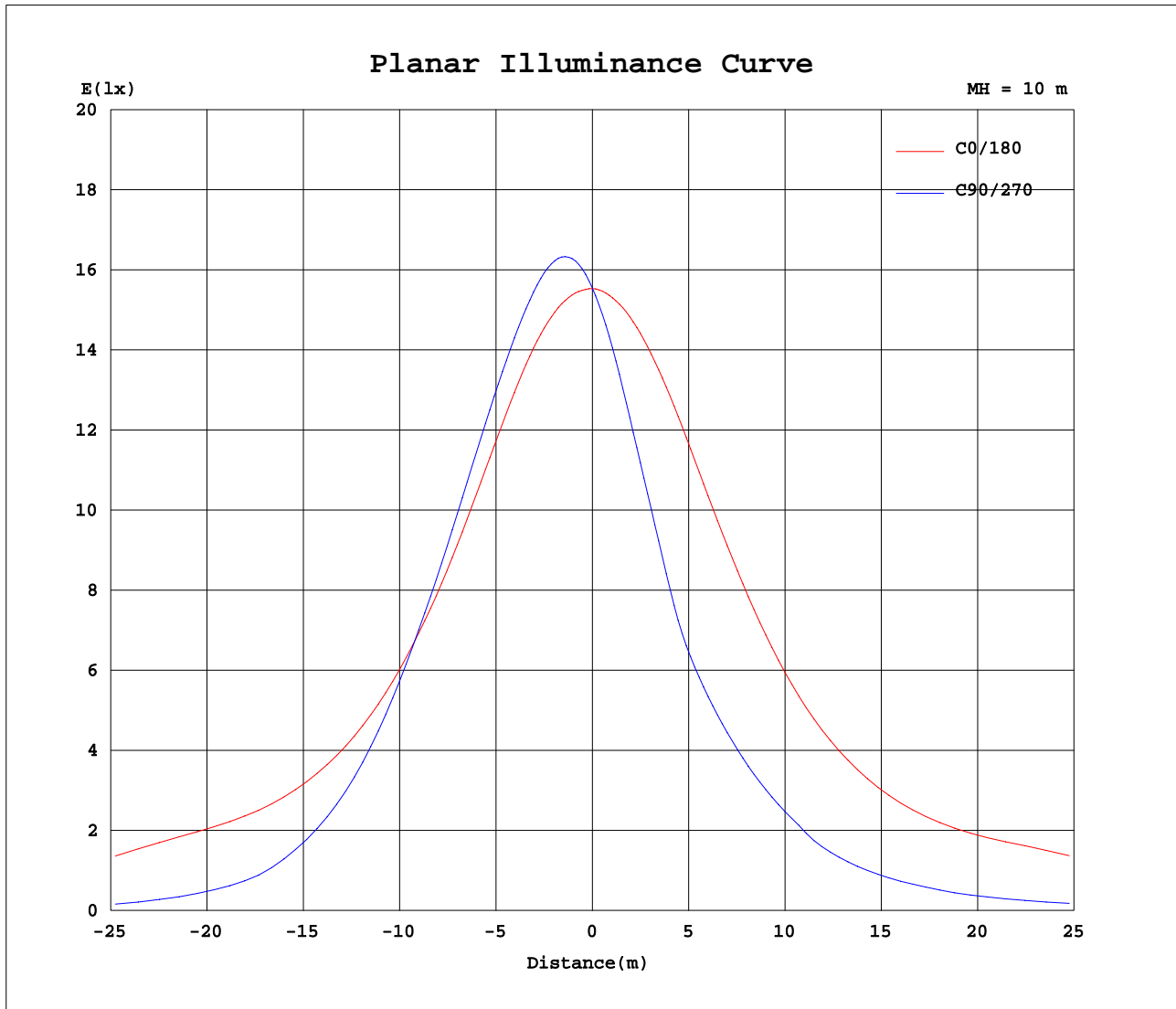
Test:U:219.3V I:0.1850A P:39.85W PF:0.9826 Freq:50.01Hz Lamp Flux:6013.78x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

Planar Illuminance Curve



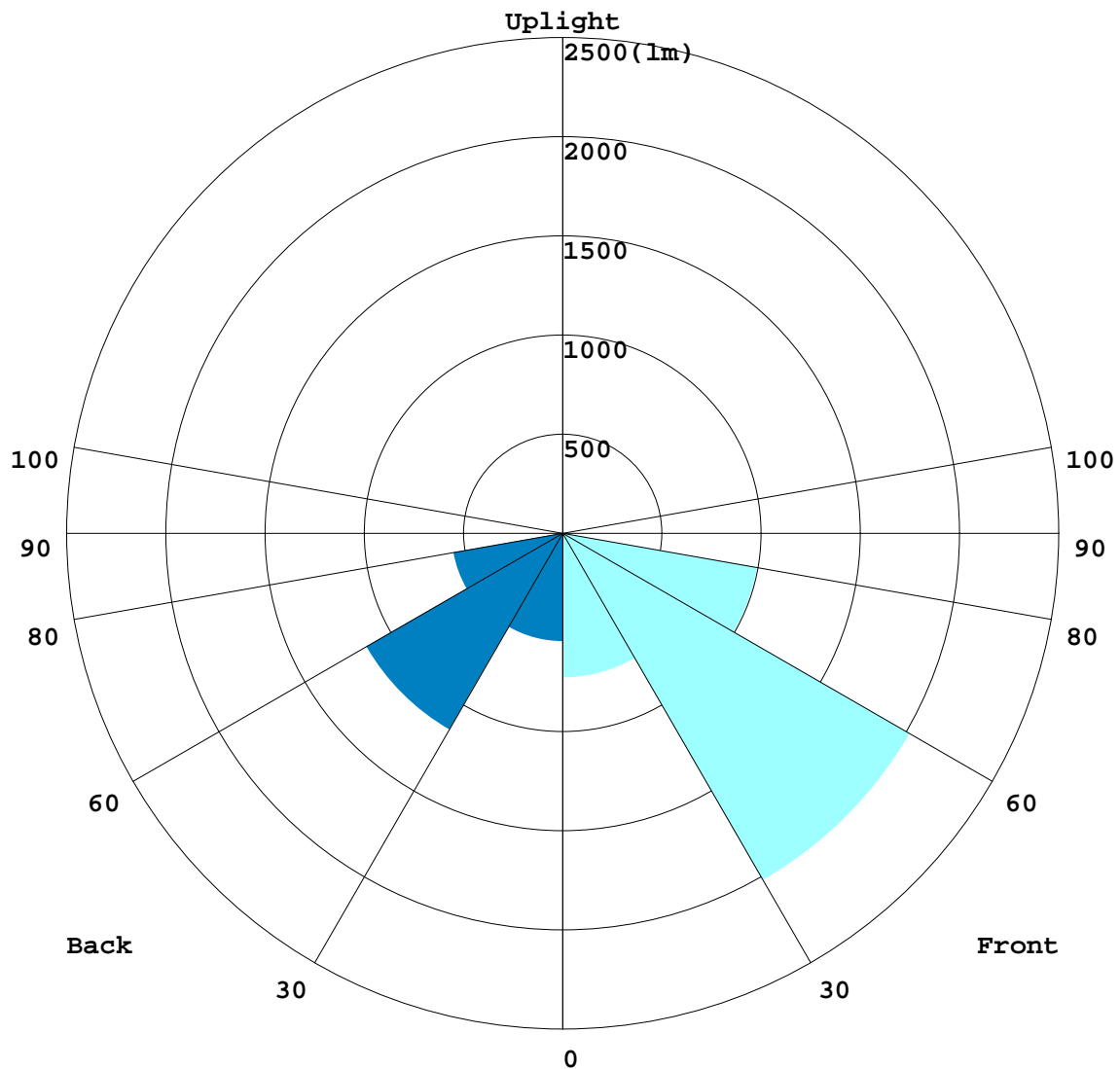
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

LCS REPORT

Test:U:219.3V I:0.1850A P:39.85W PF:0.9826 Freq:50.01Hz Lamp Flux:6013.78x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

BUG REPORT

Test:U:219.3V I:0.1850A P:39.85W PF:0.9826 Freq:50.01Hz Lamp Flux:6013.78x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WILE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	727.56	12.1
FM - Front-Medium(30-60)	2019.4	33.6
FH - Front-High(60-80)	995.86	16.6
FVH - Front-Very High(80-90)	13.953	0.2
Total Forward Light	3756.8	62.5

BL - Back-Low(0-30)	544.45	9.1
BM - Back-Medium(30-60)	1142.7	19.0
BH - Back-High(60-80)	558.5	9.3
BVH - Back-Very High(80-90)	11.346	0.2
Total Back Light	2257	37.5

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2257	0	2257
Street Side	3756.8	0	3756.8

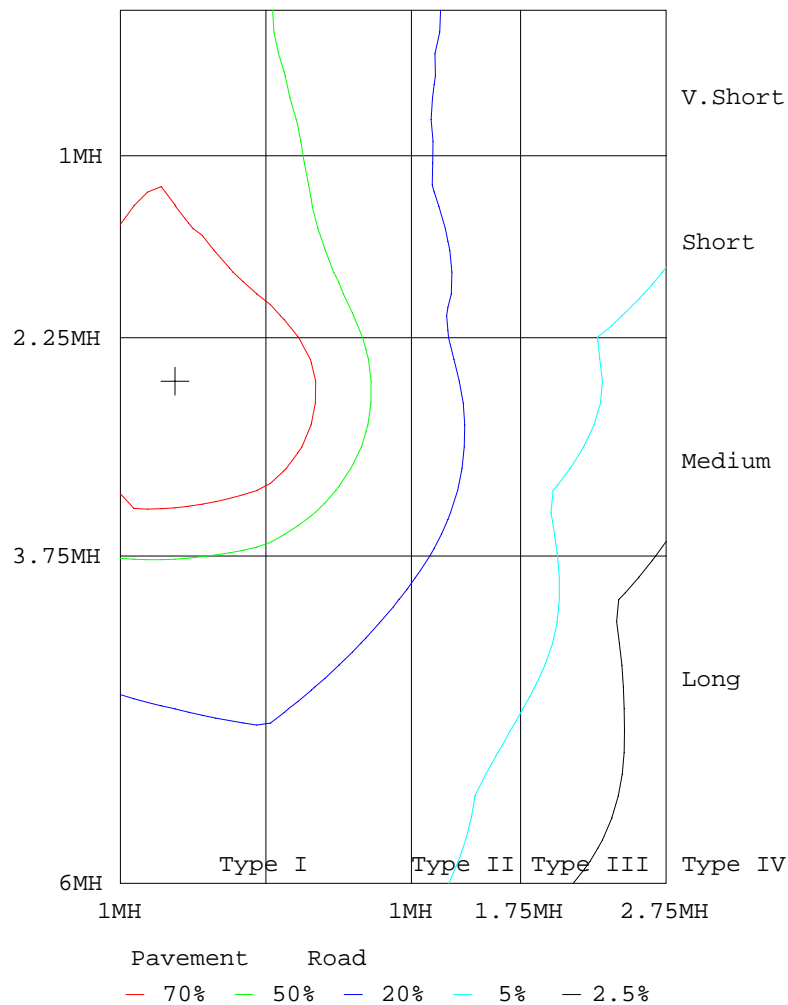
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.3V I:0.1850A P:39.85W PF:0.9826 Freq:50.01Hz Lamp Flux:6013.78x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.1850A P:39.85W PF:0.9826 Freq:50.01Hz Lamp Flux:6013.78x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551
5	1558	1580	1599	1615	1626	1635	1637	1635	1626	1614	1597	1576	1552	1529	1504	1481	1464	1451	1448
10	1575	1614	1647	1671	1688	1699	1702	1698	1685	1668	1643	1607	1563	1516	1464	1410	1366	1333	1324
15	1595	1649	1691	1721	1738	1747	1748	1744	1733	1716	1685	1641	1580	1512	1428	1340	1265	1212	1196
20	1615	1683	1731	1763	1777	1782	1780	1777	1768	1754	1720	1673	1600	1511	1395	1272	1164	1087	1061
25	1631	1712	1766	1798	1811	1810	1804	1803	1797	1787	1753	1703	1621	1514	1366	1201	1056	954	927
30	1648	1741	1801	1835	1842	1830	1816	1819	1823	1813	1782	1729	1639	1511	1333	1129	953	872	858
35	1661	1769	1839	1877	1865	1830	1800	1814	1841	1846	1811	1756	1656	1512	1299	1049	861	815	807
40	1677	1797	1884	1921	1870	1790	1743	1772	1837	1884	1853	1785	1670	1510	1258	959	788	759	756
45	1702	1839	1950	1959	1832	1687	1618	1672	1795	1919	1917	1817	1680	1502	1204	862	721	697	698
50	1738	1908	2045	1982	1711	1484	1392	1471	1672	1937	2004	1866	1698	1485	1135	769	650	603	600
55	1815	2045	2181	1931	1445	1174	1084	1172	1421	1886	2129	1976	1743	1470	1041	669	542	525	530
60	2002	2322	2349	1703	1035	776	708	792	1029	1664	2274	2209	1875	1475	917	529	454	457	468
65	2440	2827	2359	1259	553	483	459	502	585	1234	2285	2663	2276	1546	742	406	362	375	390
70	2431	2927	1689	382	223	237	217	251	264	448	1760	3005	2611	1518	472	234	237	278	289
75	1014	1256	465	109	81.7	85.7	86.1	90.6	88.1	127	630	1771	1413	778	175	104	106	142	150
80	218	231	74.5	42.3	35.7	37.5	36.4	40.8	40.9	51.2	104	343	382	143	47.9	42.5	41.5	41.6	41.5
85	13.7	17.3	11.2	8.65	7.48	8.27	7.67	9.64	10.4	13.2	16.2	31.8	43.3	16.3	11.2	10.1	10.9	9.41	9.09
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:yanyonggeng

Test Date:2024-12-12

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T

Humidity:65.0%

Test Distance:7.682m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.1850A P:39.85W PF:0.9826 Freq:50.01Hz Lamp Flux:6013.78x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1551	1551	1551	1551	1551														
5	1450	1463	1482	1505	1532														
10	1332	1363	1410	1465	1523														
15	1210	1261	1338	1429	1520														
20	1081	1155	1264	1392	1515														
25	954	1048	1191	1354	1510														
30	865	943	1116	1317	1505														
35	806	846	1025	1275	1503														
40	751	770	928	1222	1497														
45	697	704	827	1158	1484														
50	606	639	728	1079	1469														
55	537	542	626	972	1456														
60	468	461	495	831	1462														
65	381	359	384	633	1490														
70	270	228	203	368	1264														
75	134	94.5	87.8	113	440														
80	38.3	35.6	33.6	34.5	52.5														
85	8.20	8.23	6.51	6.62	9.03														
90	0.00	0.00	0.00	0.00	0.00														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks: