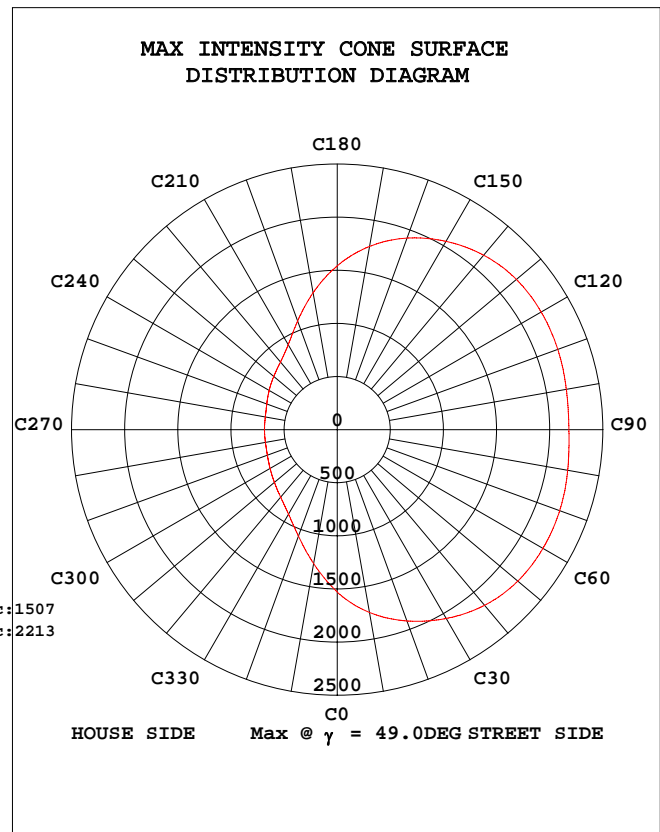
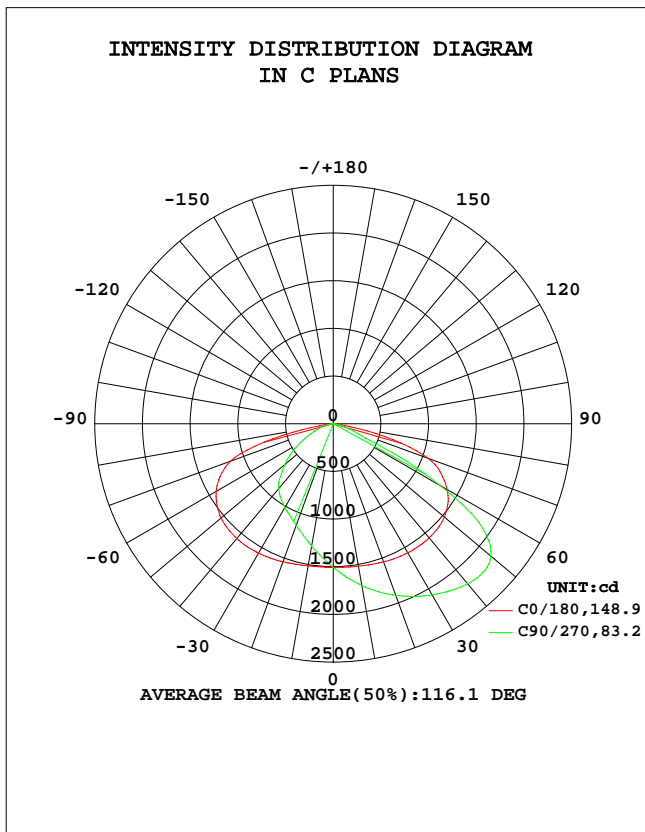


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.4V I:0.1844A P:39.80W PF:0.9840 Freq:50.00Hz Lamp Flux:6142.76x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WILE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 154.33 lm/W			
MODEL	3030	I _{max} (cd)	2235	η street_up(%)	0.0
NOMINAL POWER(W)	40	LOR(%)	100.0	η street_down(%)	68.0
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	6143	η house_up(%)	0.0
NOMINAL FLUX(lm)	6142.76	MAXIMUM @(C,γ)	60,49.0	η house_down(%)	32.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	18.944

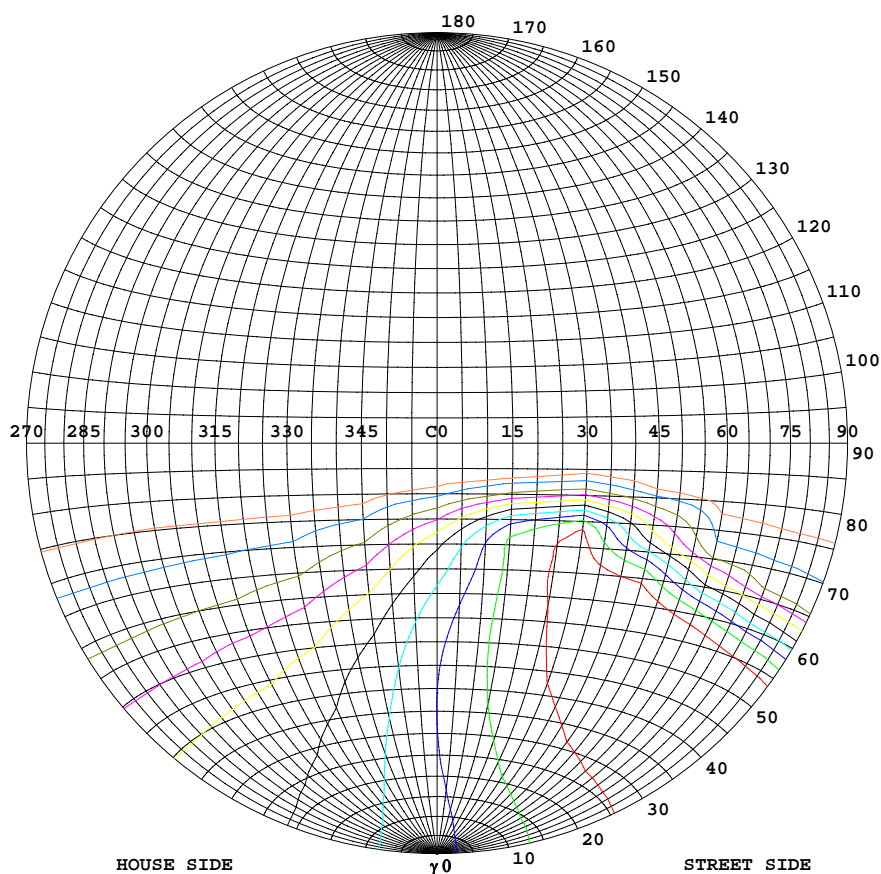


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-1-3

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:219.4V I:0.1844A P:39.80W PF:0.9840 Freq:50.00Hz Lamp Flux:6142.76x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



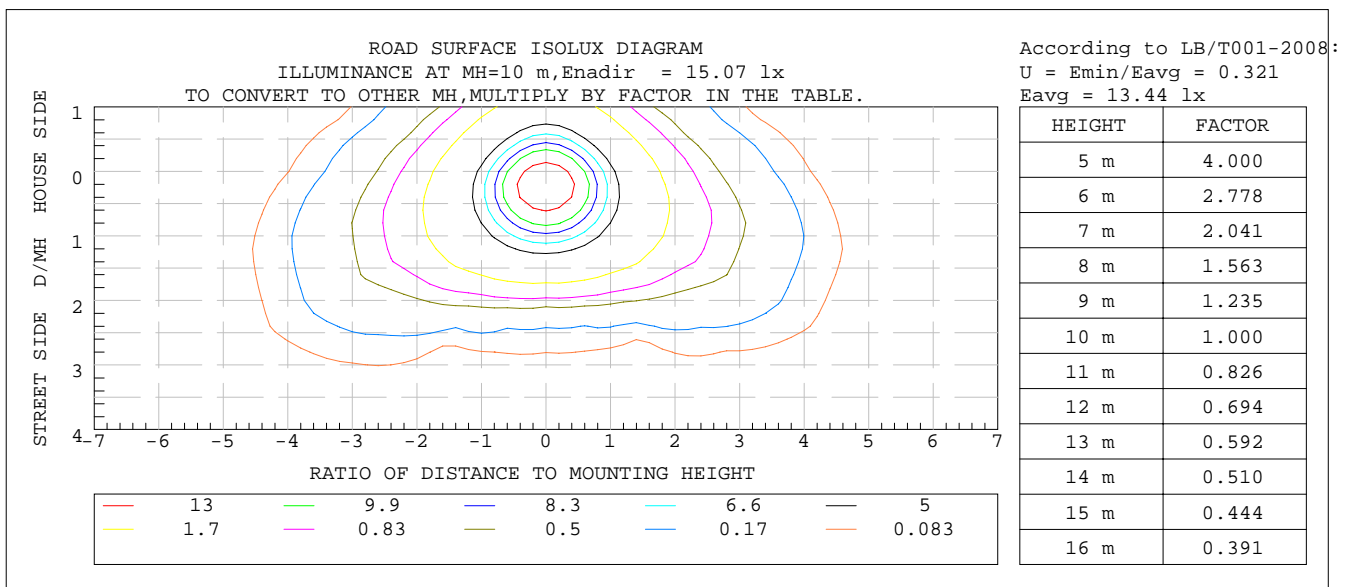
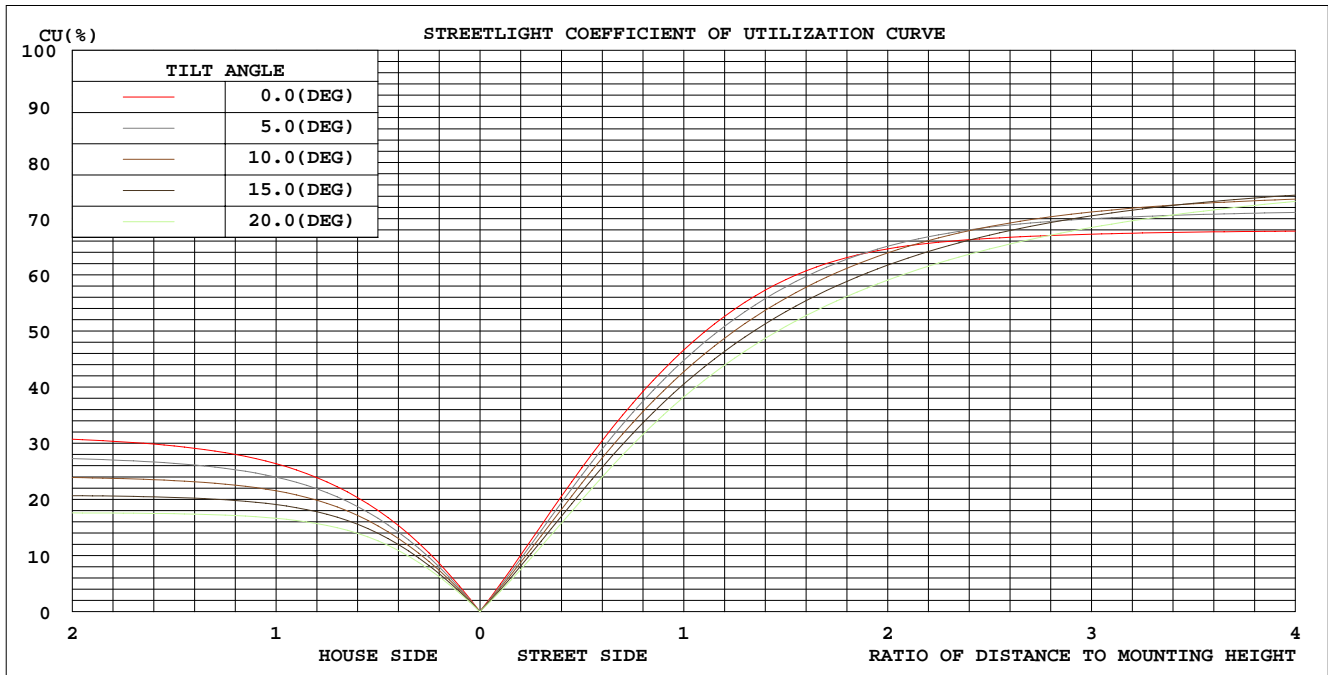
Classification:

IES:Type III - Very Short
CIE:Broad - Short
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:114.5cd/klm
Max.At90:0cd/klm
Max.80-90:114.5cd/klm
NRB 5101:Semi limited[22.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2235
90%	2011
80%	1788
70%	1564
60%	1341
50%	1117
40%	894
30%	670
20%	447
10%	223
5%	112

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-1-3

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: 2025-1-3

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:219.4V I:0.1844A P:39.80W PF:0.9840 Freq:50.00Hz Lamp Flux:6142.76x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

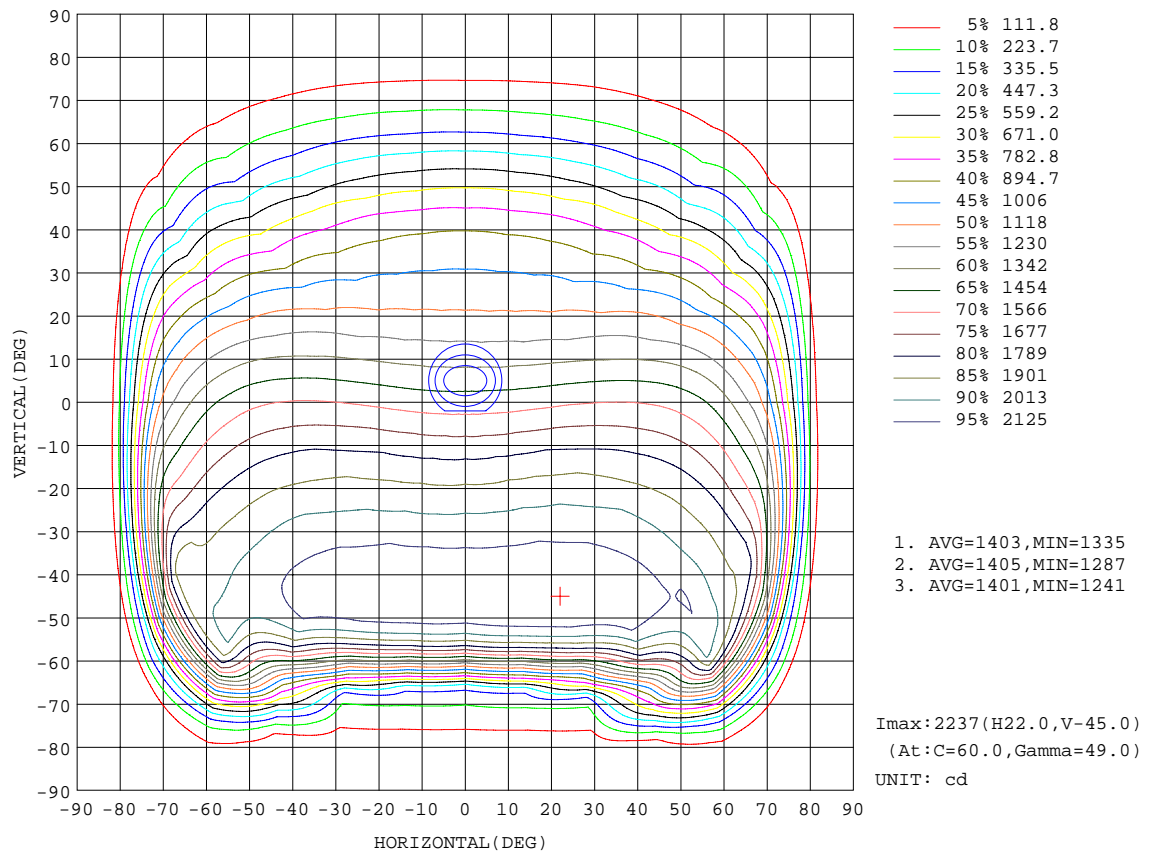
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1517	1668	1722	1665	1514	1363	1304	1362	0- 10	144.2	144.2	2.35,2.35
20	1541	1846	1915	1829	1542	1231	1135	1223	10- 20	432.0	576.2	9.38,9.38
30	1563	1993	2073	1974	1567	1106	1015	1100	20- 30	713.6	1290	21,21
40	1563	2106	2190	2092	1573	965.2	889.1	961.3	30- 40	972.6	2262	36.8,36.8
50	1520	2203	2158	2185	1536	782.4	663.0	776.5	40- 50	1173	3436	55.9,55.9
60	1379	2185	1293	2114	1418	488.9	401.2	478.7	50- 60	1224	4659	75.8,75.8
70	1062	1356	228.1	1140	1148	228.5	185.7	212.7	60- 70	945.2	5604	91.2,91.2
80	185.4	259.9	51.53	136.9	241.2	54.43	45.22	52.72	70- 80	491.4	6096	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	46.88	6143	100,100
100	0	0	0	0	0	0	0	0	90-100	0	6143	100,100
110	0	0	0	0	0	0	0	0	100-110	0	6143	100,100
120	0	0	0	0	0	0	0	0	110-120	0	6143	100,100
130	0	0	0	0	0	0	0	0	120-130	0	6143	100,100
140	0	0	0	0	0	0	0	0	130-140	0	6143	100,100
150	0	0	0	0	0	0	0	0	140-150	0	6143	100,100
160	0	0	0	0	0	0	0	0	150-160	0	6143	100,100
170	0	0	0	0	0	0	0	0	160-170	0	6143	100,100
180	0	0	0	0	0	0	0	0	170-180	0	6143	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:2025-1-3

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:

ISOCANDELA DIAGRAM

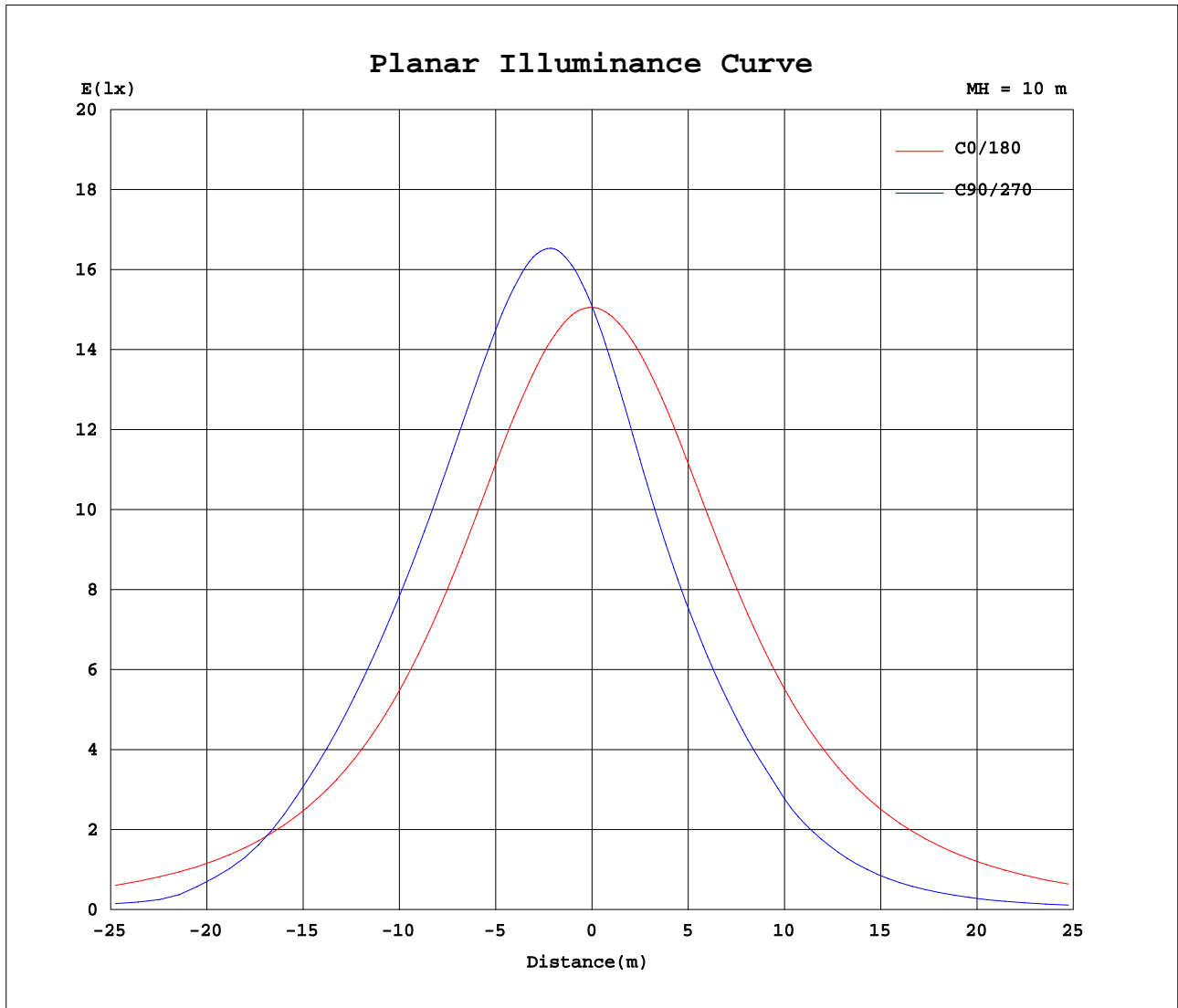
Test:U:219.4V I:0.1844A P:39.80W PF:0.9840 Freq:50.00Hz Lamp Flux:6142.76x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-1-3

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



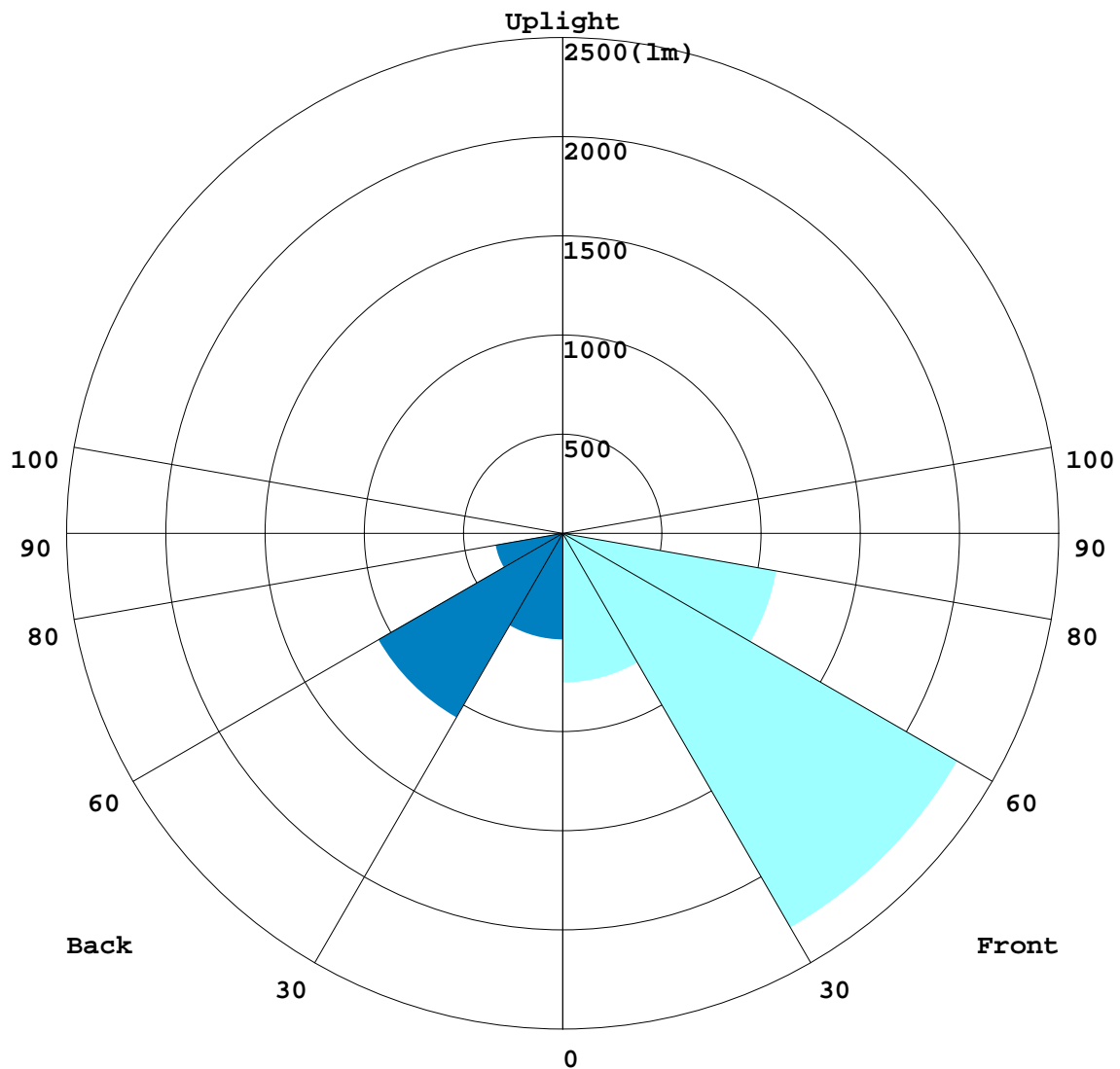
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-1-3

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:219.4V I:0.1844A P:39.80W PF:0.9840 Freq:50.00Hz Lamp Flux:6142.76x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T321-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:2025-1-3

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:219.4V I:0.1844A P:39.80W PF:0.9840 Freq:50.00Hz Lamp Flux:6142.76x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WILE-NV-L3-00-5070-T321-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)	753.6	12.3
FM - Front-Medium(30-60)	2296.8	37.4
FH - Front-High(60-80)	1094	17.8
FVH - Front-Very High(80-90)	35.246	0.6
Total Forward Light	4179.7	68.0

BL - Back-Low(0-30)	536.19	8.7
BM - Back-Medium(30-60)	1072.6	17.5
BH - Back-High(60-80)	342.64	5.6
BVH - Back-Very High(80-90)	11.631	0.2
Total Back Light	1963.1	32.0

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-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1963.1	0	1963.1
Street Side	4179.7	0	4179.7

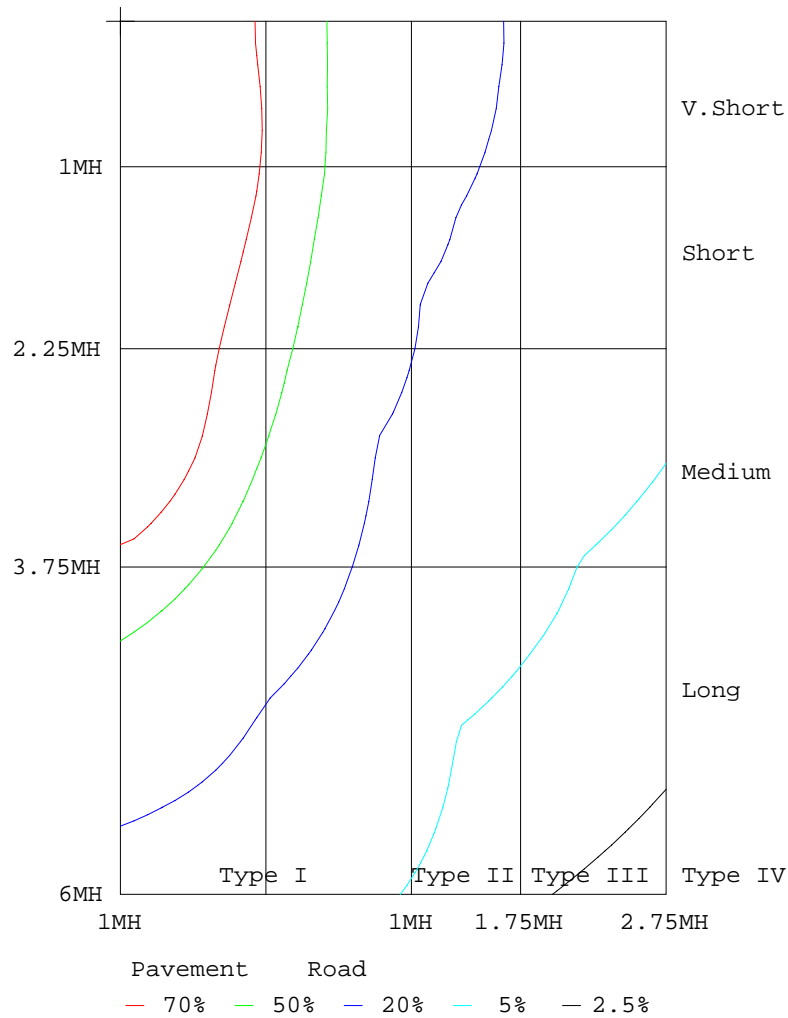
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-1-3

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:219.4V I:0.1844A P:39.80W PF:0.9840 Freq:50.00Hz Lamp Flux:6142.76x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T321-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:2025-1-3

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:219.4V I:0.1844A P:39.80W PF:0.9840 Freq:50.00Hz Lamp Flux:6142.76x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507
5	1511	1537	1562	1584	1600	1610	1615	1610	1601	1582	1561	1535	1507	1479	1453	1432	1416	1405	1402
10	1517	1572	1626	1668	1698	1716	1722	1714	1697	1665	1623	1569	1514	1459	1406	1363	1331	1311	1304
15	1529	1615	1694	1757	1798	1819	1823	1814	1790	1748	1688	1611	1526	1441	1362	1297	1249	1222	1213
20	1541	1661	1769	1846	1890	1911	1915	1905	1876	1829	1758	1657	1542	1424	1316	1231	1176	1145	1135
25	1555	1706	1837	1925	1972	1995	1999	1987	1957	1905	1822	1701	1556	1403	1266	1168	1109	1079	1069
30	1563	1746	1896	1993	2044	2068	2073	2063	2032	1974	1880	1742	1567	1380	1214	1106	1046	1023	1015
35	1567	1779	1947	2054	2110	2135	2138	2134	2101	2036	1933	1779	1574	1350	1159	1040	985	966	958
40	1563	1803	1990	2106	2170	2192	2190	2189	2164	2092	1977	1809	1573	1308	1092	965	917	896	889
45	1550	1824	2028	2157	2217	2225	2213	2217	2206	2146	2019	1829	1561	1252	1008	885	835	801	782
50	1520	1839	2058	2203	2234	2204	2158	2185	2213	2185	2052	1843	1536	1179	900	782	708	671	663
55	1468	1843	2080	2230	2161	2023	1915	1987	2114	2202	2073	1848	1488	1077	769	644	578	544	534
60	1379	1839	2109	2185	1864	1486	1293	1438	1771	2114	2092	1853	1418	938	617	489	445	412	401
65	1250	1828	2132	1951	1172	750	493	666	1067	1805	2083	1867	1310	755	438	349	318	284	277
70	1062	1826	2111	1356	473	269	228	254	339	1140	2047	1946	1148	510	277	229	206	191	186
75	652	1461	1829	814	173	141	127	136	159	633	1655	1598	756	256	148	129	120	112	105
80	185	486	703	260	73.1	59.3	51.5	55.4	66.9	137	588	509	241	75.6	58.9	54.4	55.4	45.3	45.2
85	22.0	38.7	77.2	32.0	19.8	15.6	11.4	13.4	18.0	26.4	80.6	35.8	22.0	15.8	13.0	12.8	14.4	13.8	14.3
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:2025-1-3

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:219.4V I:0.1844A P:39.80W PF:0.9840 Freq:50.00Hz Lamp Flux:6142.76x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T321-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	1507	1507	1507	1507	1507														
5	1405	1417	1433	1456	1482														
10	1310	1330	1362	1406	1459														
15	1219	1246	1292	1358	1437														
20	1143	1170	1223	1308	1417														
25	1077	1104	1159	1254	1393														
30	1020	1042	1100	1200	1366														
35	962	984	1035	1143	1332														
40	893	916	961	1080	1287														
45	797	831	879	1000	1229														
50	669	700	776	896	1151														
55	538	570	631	766	1046														
60	403	432	479	611	902														
65	276	302	333	420	711														
70	186	197	213	256	473														
75	109	117	122	134	226														
80	45.0	54.3	52.7	54.3	68.2														
85	13.6	14.2	12.7	12.8	15.8														
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:2025-1-3

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: