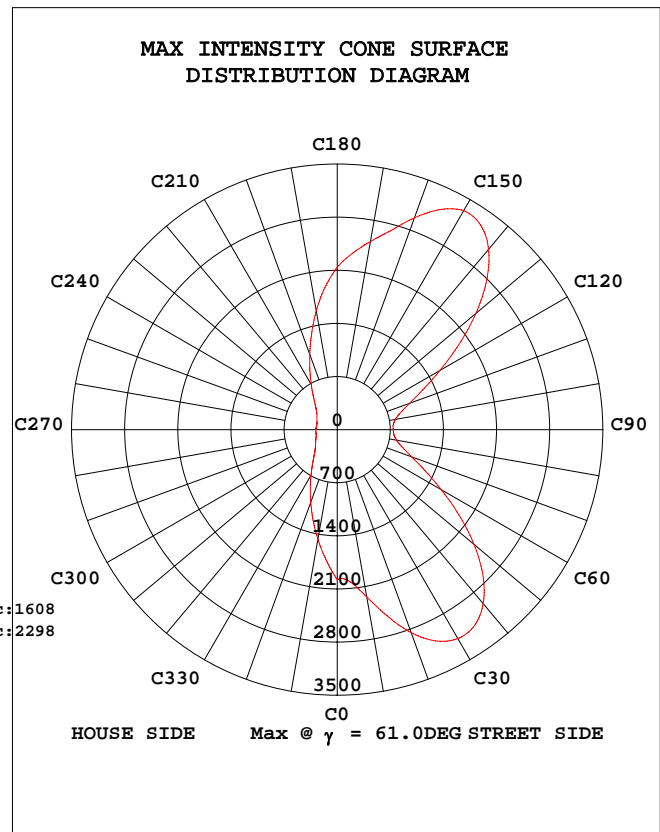
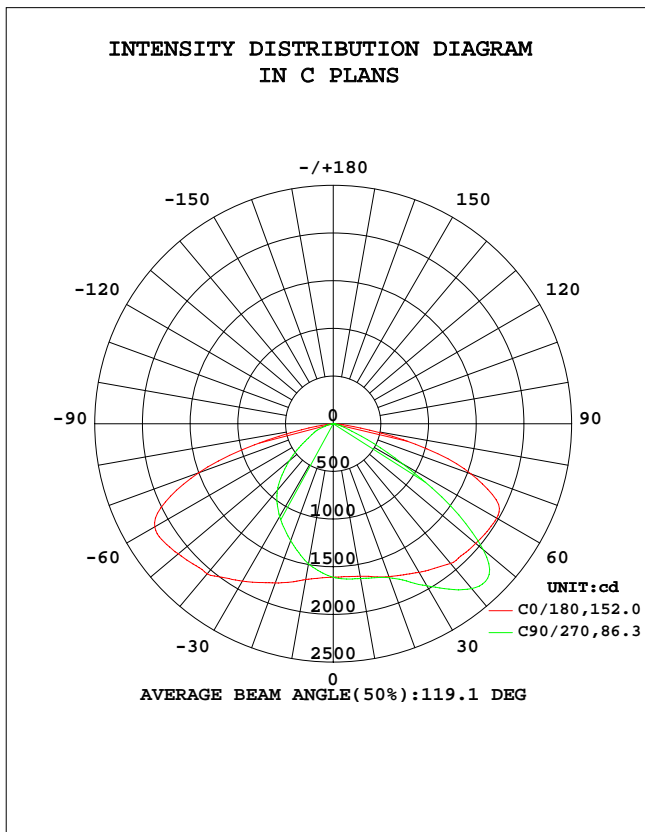


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.1989A P:40.80W PF:0.9357 Freq:50.01Hz Lamp Flux:6650.3x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-40WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 163.00 lm/W			
MODEL	2835	I _{max} (cd)	3334	η street_up(%)	0.0
NOMINAL POWER(W)	40	LOR(%)	100.0	η street_down(%)	65.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	6650	η house_up(%)	0.0
NOMINAL FLUX(lm)	6650.3	MAXIMUM @(C,γ)	150,61.0	η house_down(%)	34.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.172

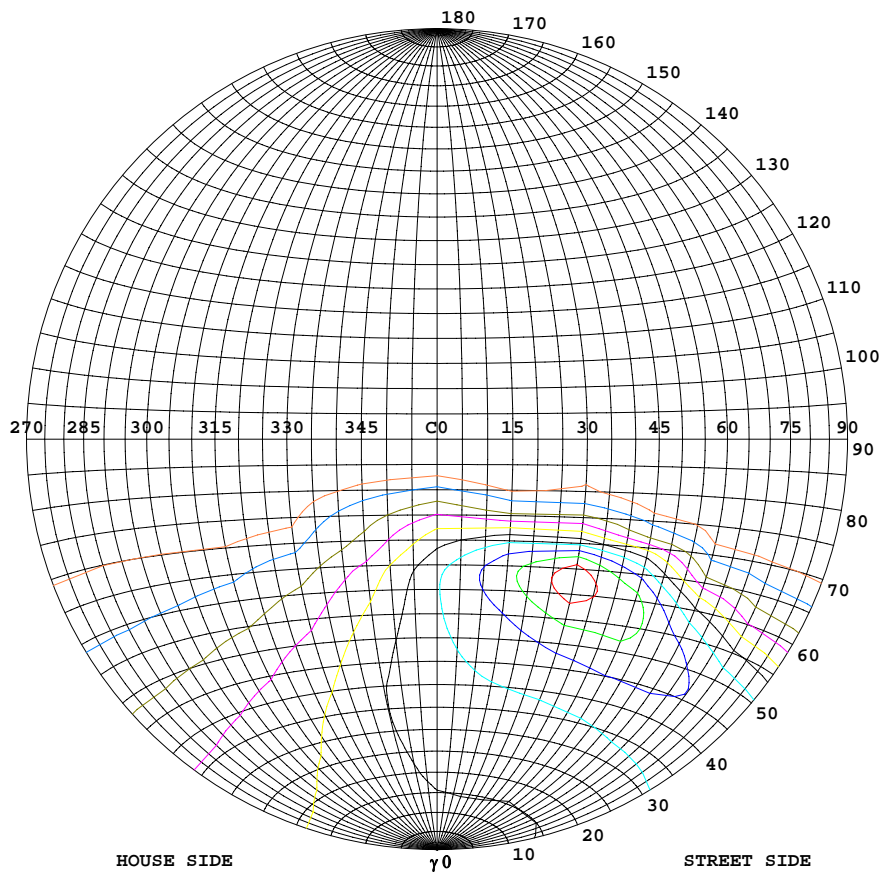


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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:219.2V I:0.1989A P:40.80W PF:0.9357 Freq:50.01Hz Lamp Flux:6650.3x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-40WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:



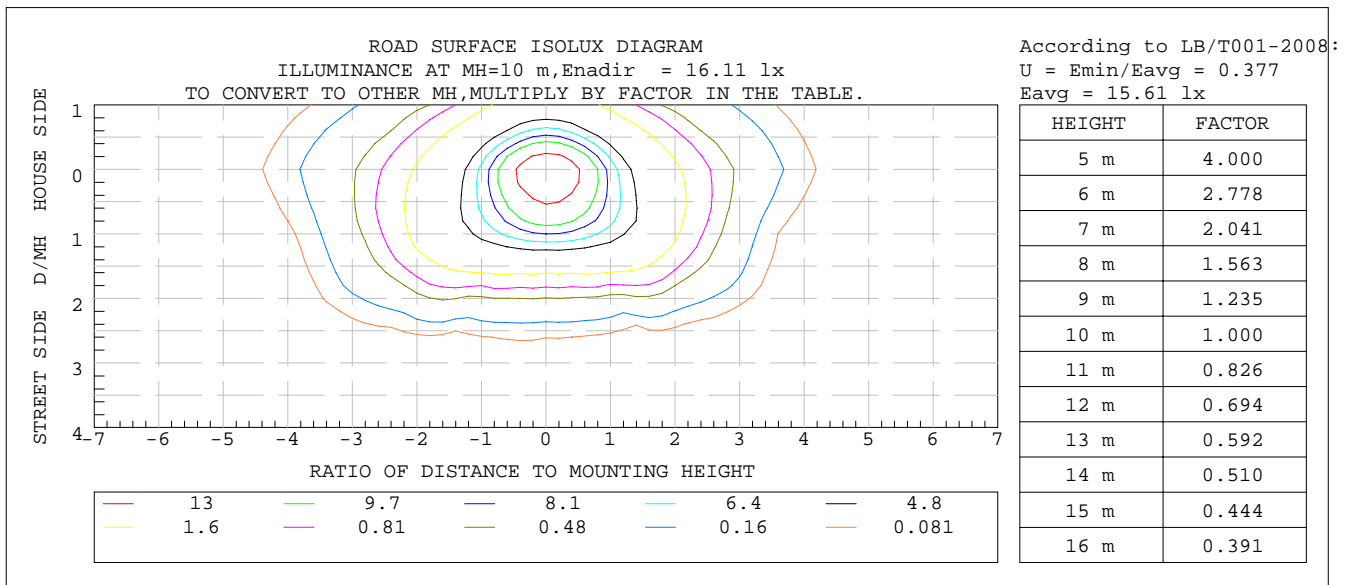
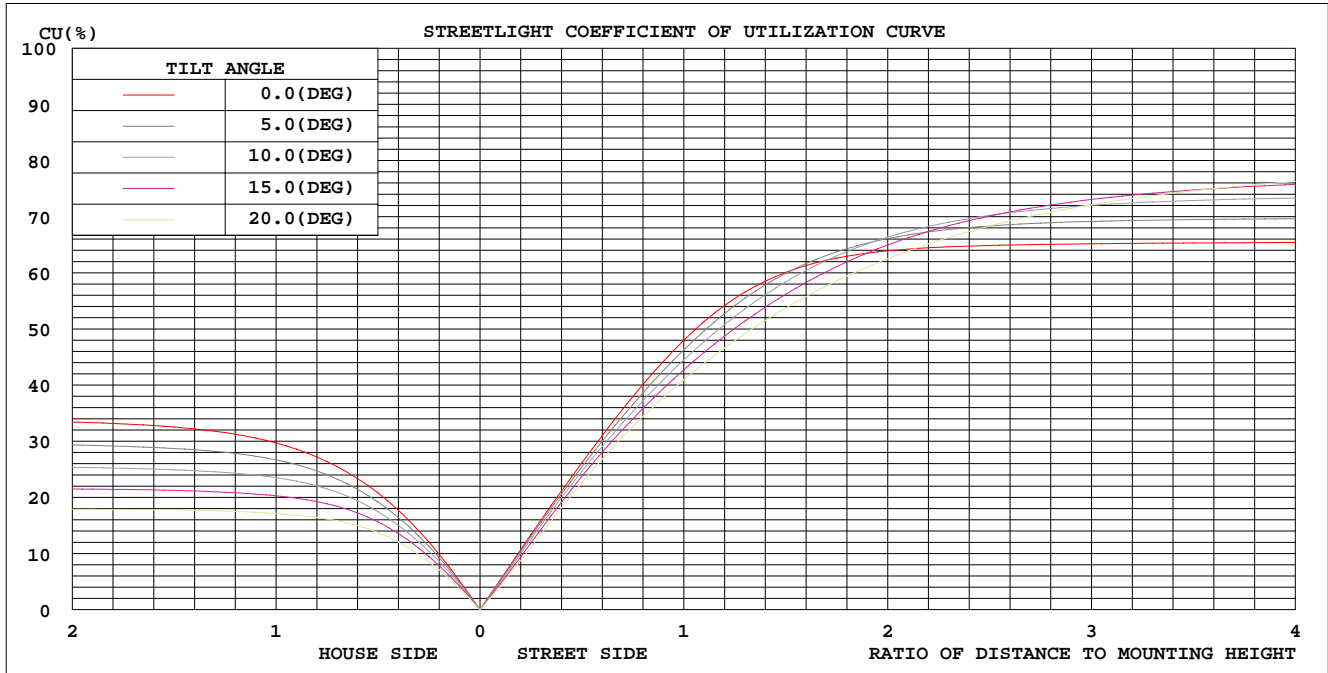
Classification:

IES:Type II - Short
CIE:Average - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:58.49cd/klm
Max.At90:0cd/klm
Max.80-90:58.49cd/klm
NRB 5101:Semi limited[13.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3334
90%	3000
80%	2667
70%	2334
60%	2000
50%	1667
40%	1333
30%	1000
20%	667
10%	333
5%	167

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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: 2024-9-13

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:219.2V I:0.1989A P:40.80W PF:0.9357 Freq:50.01Hz Lamp Flux:6650.3x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-40WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:

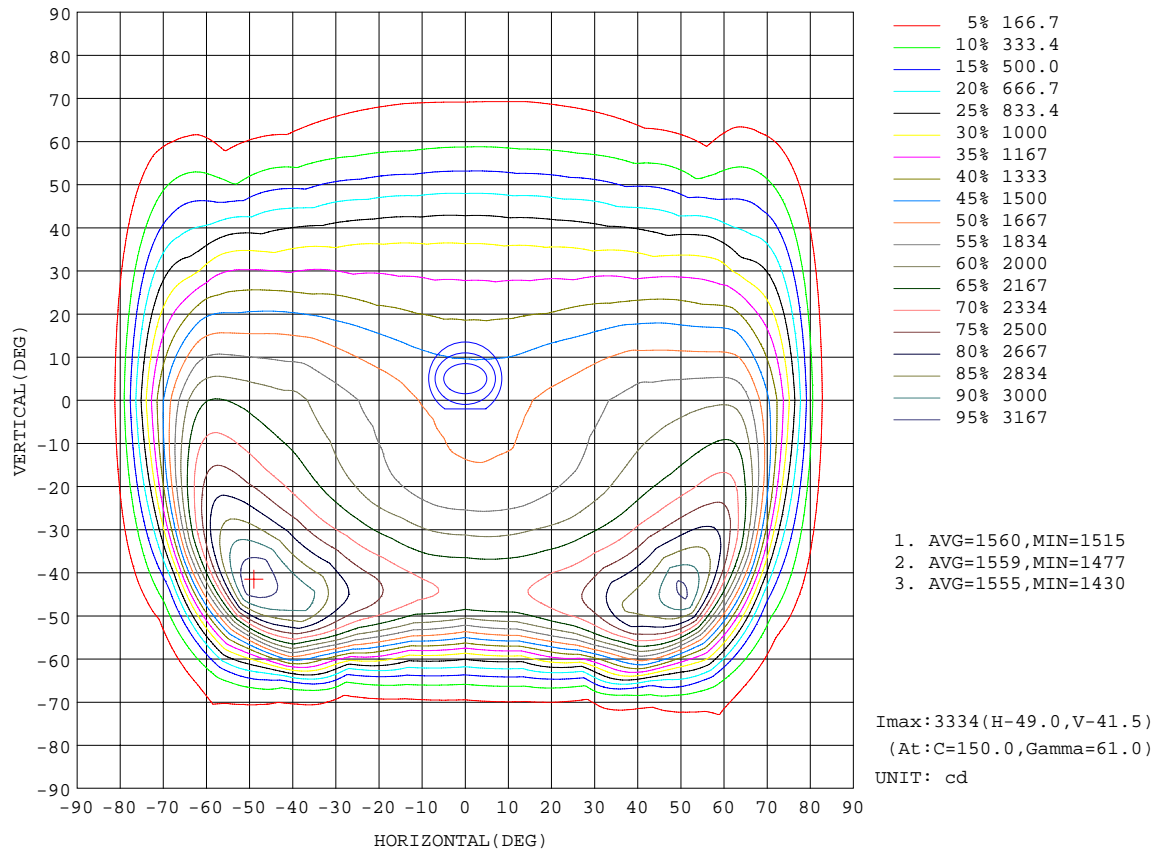
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1624	1642	1648	1672	1659	1554	1492	1533	0- 10	153.2	153.2	2.3,2.3
20	1707	1706	1718	1776	1776	1473	1306	1433	10- 20	455.3	608.5	9.15,9.15
30	1800	1856	1962	1951	1906	1330	1124	1292	20- 30	753.9	1362	20.5,20.5
40	1913	2134	2256	2301	2057	1130	912.7	1100	30- 40	1059	2421	36.4,36.4
50	1951	2566	2050	2801	2122	848.8	599.9	841.0	40- 50	1332	3754	56.4,56.4
60	1980	2779	840.3	2889	2162	435.2	303.0	457.7	50- 60	1429	5183	77.9,77.9
70	1537	1204	153.7	904.1	1500	151.0	147.8	170.2	60- 70	1085	6267	94.2,94.2
80	389.0	85.99	48.15	69.04	260.6	34.74	21.90	47.31	70- 80	346.6	6614	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	36.25	6650	100,100
100	0	0	0	0	0	0	0	0	90-100	0	6650	100,100
110	0	0	0	0	0	0	0	0	100-110	0	6650	100,100
120	0	0	0	0	0	0	0	0	110-120	0	6650	100,100
130	0	0	0	0	0	0	0	0	120-130	0	6650	100,100
140	0	0	0	0	0	0	0	0	130-140	0	6650	100,100
150	0	0	0	0	0	0	0	0	140-150	0	6650	100,100
160	0	0	0	0	0	0	0	0	150-160	0	6650	100,100
170	0	0	0	0	0	0	0	0	160-170	0	6650	100,100
180	0	0	0	0	0	0	0	0	170-180	0	6650	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:2024-9-13

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

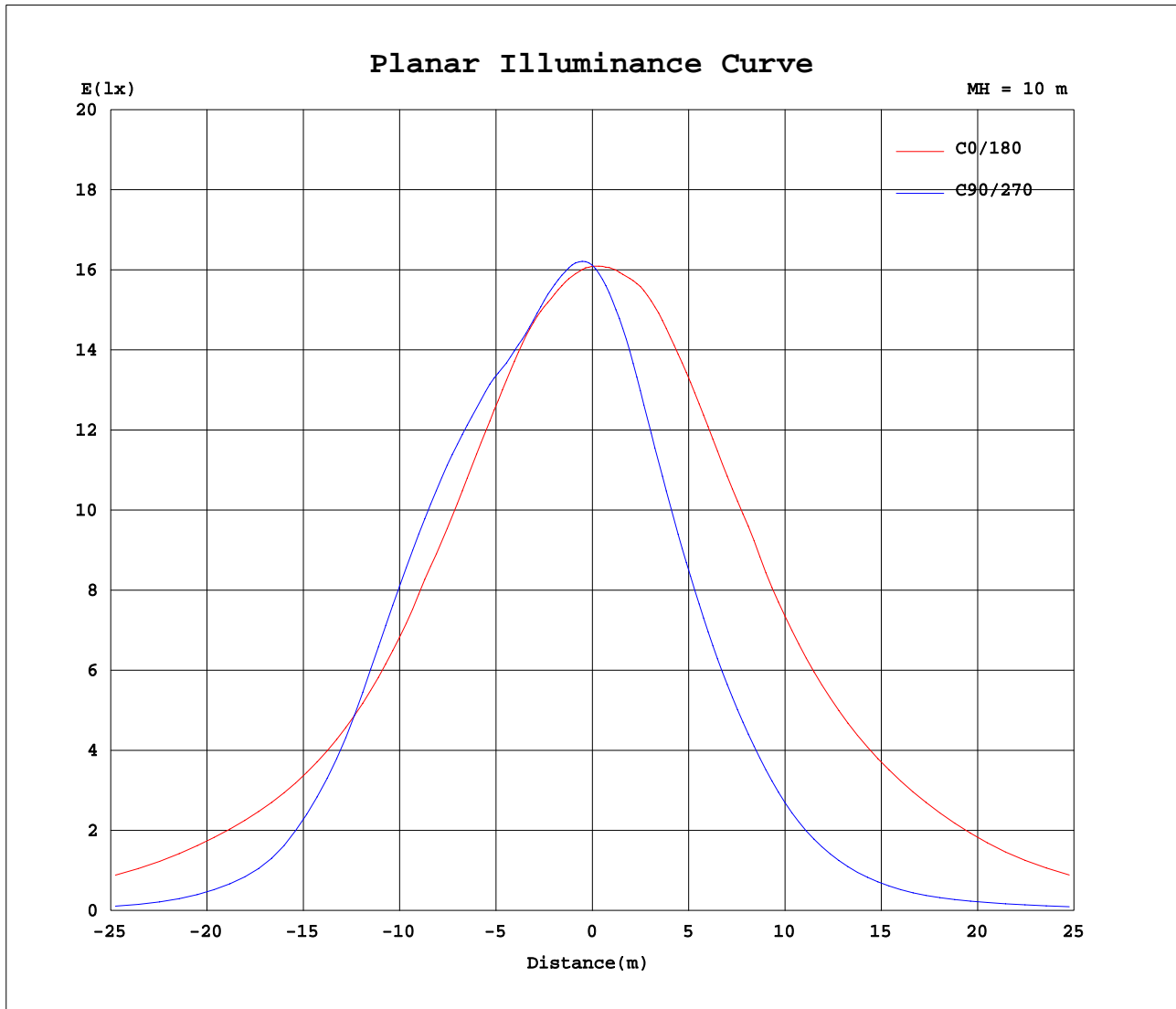
Test:U:219.2V I:0.1989A P:40.80W PF:0.9357 Freq:50.01Hz Lamp Flux:6650.3x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-40WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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



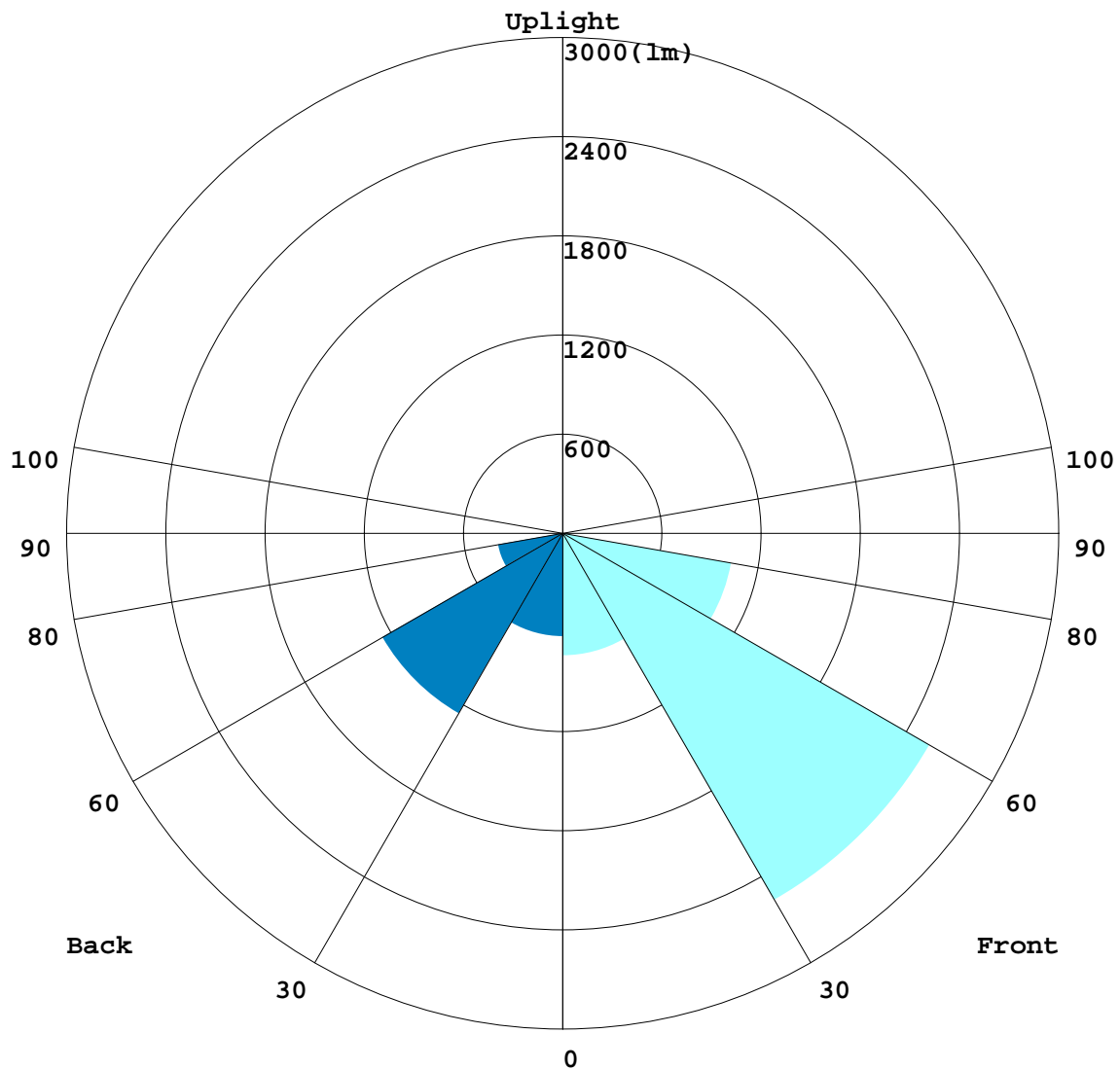
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-9-13

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:219.2V I:0.1989A P:40.80W PF:0.9357 Freq:50.01Hz Lamp Flux:6650.3x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-40WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	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:2024-9-13

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:219.2V I:0.1989A P:40.80W PF:0.9357 Freq:50.01Hz Lamp Flux:6650.3x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-40WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	739.35	11.1
FM - Front-Medium(30-60)	2562.4	38.5
FH - Front-High(60-80)	1034.9	15.6
FVH - Front-Very High(80-90)	21.591	0.3
Total Forward Light	4358.2	65.5

BL - Back-Low(0-30)	623.09	9.4
BM - Back-Medium(30-60)	1257.9	18.9
BH - Back-High(60-80)	396.36	6.0
BVH - Back-Very High(80-90)	14.662	0.2
Total Back Light	2292.1	34.5

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-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2292.1	0	2292.1
Street Side	4358.2	0	4358.2

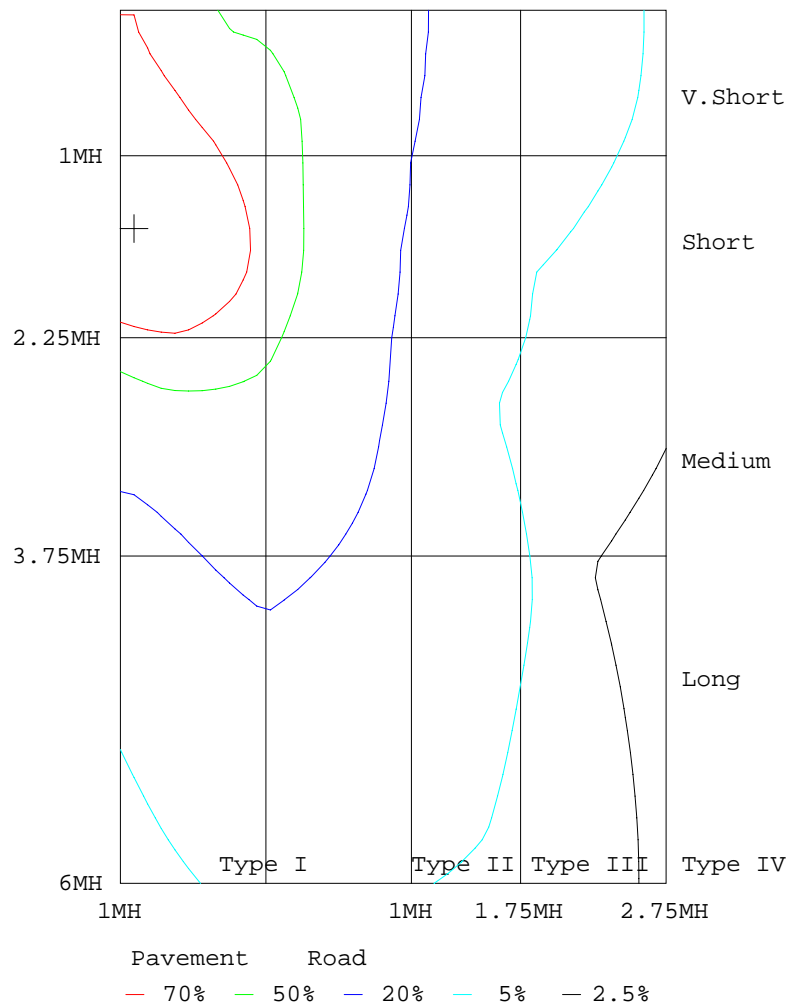
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-9-13

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:219.2V I:0.1989A P:40.80W PF:0.9357 Freq:50.01Hz Lamp Flux:6650.3x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-40WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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:219.2V I:0.1989A P:40.80W PF:0.9357 Freq:50.01Hz Lamp Flux:6650.3x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-40WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	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	1610	1610	1610	1610	1610	1610	1610	1610	1610	1610	1610	1610	1610	1610	1610	1610	1610	1610	1610
5	1609	1619	1623	1627	1630	1633	1635	1636	1639	1640	1640	1634	1625	1614	1599	1583	1572	1562	1559
10	1624	1639	1643	1642	1642	1646	1648	1655	1665	1672	1677	1675	1659	1631	1592	1554	1523	1500	1492
15	1661	1677	1672	1664	1667	1667	1672	1683	1695	1714	1737	1739	1719	1667	1594	1520	1457	1414	1400
20	1707	1729	1725	1706	1698	1706	1718	1730	1742	1776	1801	1806	1776	1696	1591	1473	1379	1322	1306
25	1748	1776	1775	1767	1768	1794	1819	1825	1838	1849	1867	1875	1838	1721	1568	1407	1298	1232	1213
30	1800	1836	1832	1856	1896	1932	1962	1964	1978	1951	1950	1956	1906	1744	1531	1330	1211	1143	1124
35	1851	1907	1924	1970	2042	2082	2117	2116	2135	2111	2079	2050	1974	1762	1473	1239	1114	1044	1026
40	1913	1989	2044	2134	2204	2232	2256	2274	2311	2301	2220	2152	2057	1746	1387	1130	1004	933	913
45	1932	2071	2204	2331	2358	2308	2290	2362	2489	2530	2420	2253	2080	1695	1270	1004	870	782	761
50	1951	2172	2432	2566	2436	2175	2050	2210	2564	2801	2697	2392	2122	1614	1123	849	689	613	600
55	1969	2321	2755	2798	2253	1723	1504	1740	2319	3029	3064	2575	2164	1503	951	640	507	445	440
60	1980	2507	3125	2779	1730	1018	840	993	1731	2889	3333	2714	2162	1349	738	435	340	299	303
65	1886	2538	3115	2235	829	492	395	457	733	2161	2892	2474	1941	1058	468	261	219	218	224
70	1537	1940	1916	1204	261	179	154	163	214	904	1544	1617	1500	756	235	151	159	160	148
75	1018	740	761	269	107	98.2	79.2	93.5	93.8	192	517	461	857	458	117	92.8	110	79.0	78.1
80	389	149	188	86.0	55.0	52.5	48.2	50.1	48.4	69.0	166	73.6	261	180	49.8	34.7	44.2	37.7	21.9
85	67.3	25.0	85.9	24.7	20.6	25.1	21.4	22.8	16.4	16.8	38.8	15.9	18.0	24.2	10.4	10.5	12.4	12.2	3.32
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:2024-9-13

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:219.2V I:0.1989A P:40.80W PF:0.9357 Freq:50.01Hz Lamp Flux:6650.3x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-40WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345													
0	1610	1610	1610	1610	1610													
5	1558	1564	1572	1585	1599													
10	1495	1510	1533	1567	1598													
15	1406	1440	1489	1551	1612													
20	1315	1357	1433	1539	1635													
25	1224	1275	1369	1510	1646													
30	1134	1188	1292	1465	1658													
35	1035	1092	1202	1407	1664													
40	926	986	1100	1325	1652													
45	777	860	982	1213	1597													
50	614	690	841	1081	1518													
55	453	519	652	924	1406													
60	310	359	458	737	1267													
65	224	236	288	498	1057													
70	165	168	170	258	752													
75	88.7	124	102	128	500													
80	56.6	70.4	47.3	61.0	211													
85	20.5	18.4	14.7	14.7	38.1													
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:2024-9-13

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: