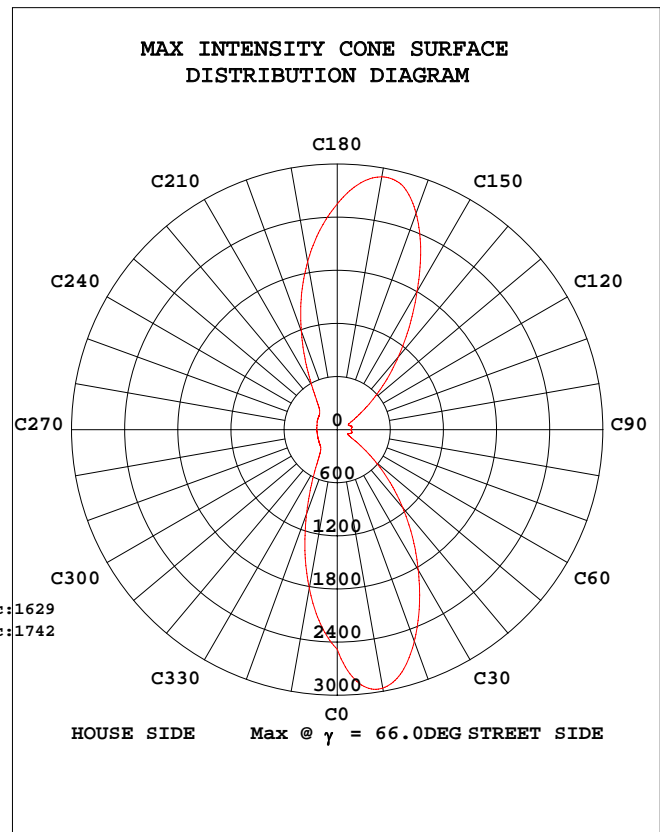
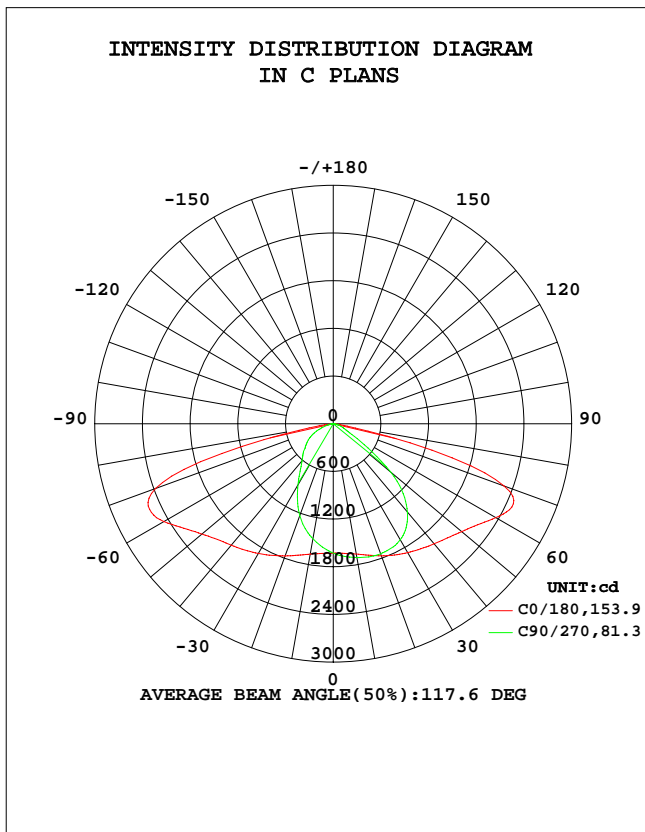


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.1834A P:39.51W PF:0.9826 Freq:50.01Hz Lamp Flux:6038.49x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 152.83 lm/W			
MODEL	3030	I _{max} (cd)	2855	η street_up(%)	0.0
NOMINAL POWER(W)	40	LOR(%)	100.0	η street_down(%)	60.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	6038	η house_up(%)	0.0
NOMINAL FLUX(lm)	6038.49	MAXIMUM @(C,γ)	165,66.0	η house_down(%)	39.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.005

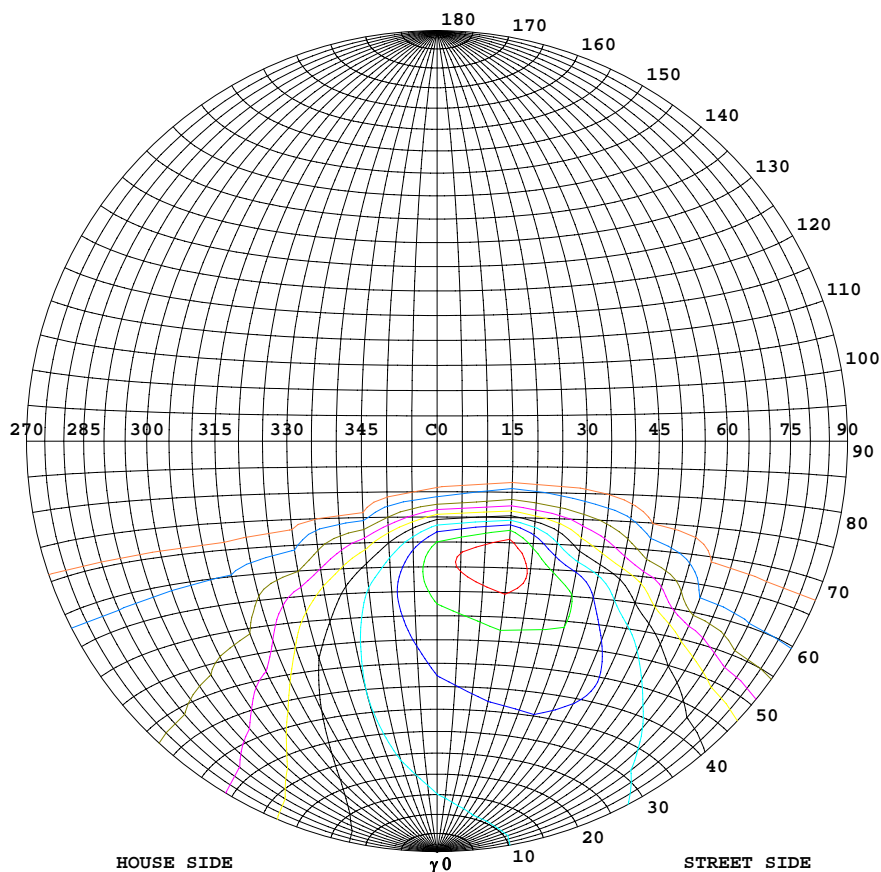


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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:0.1834A P:39.51W PF:0.9826 Freq:50.01Hz Lamp Flux:6038.49x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



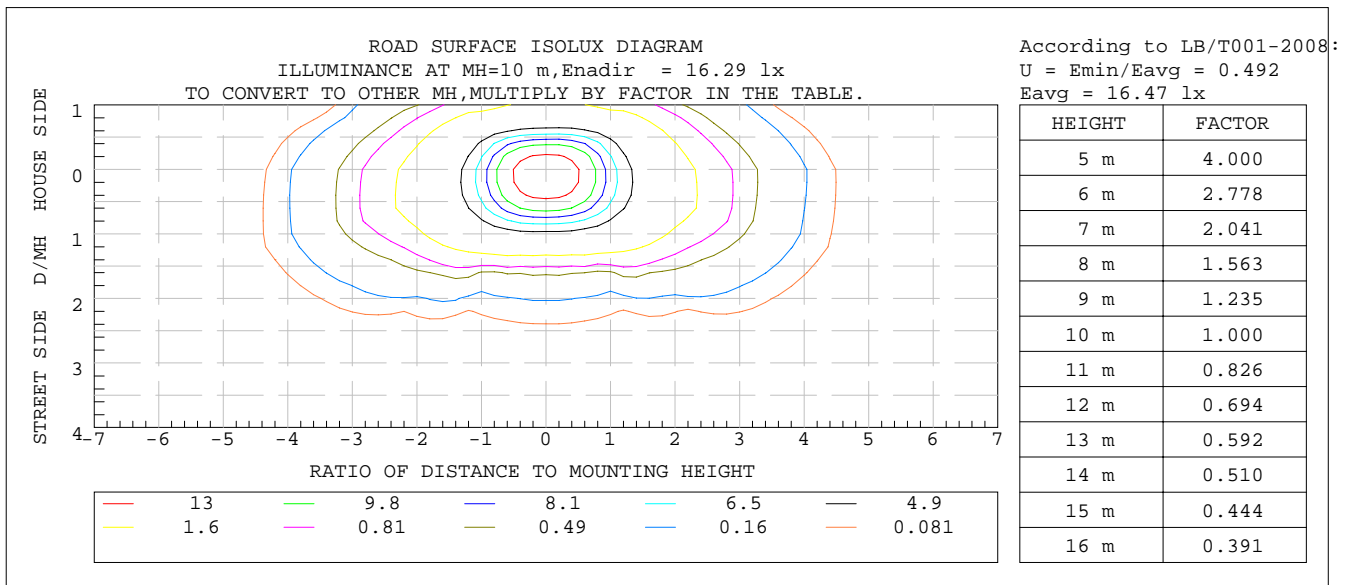
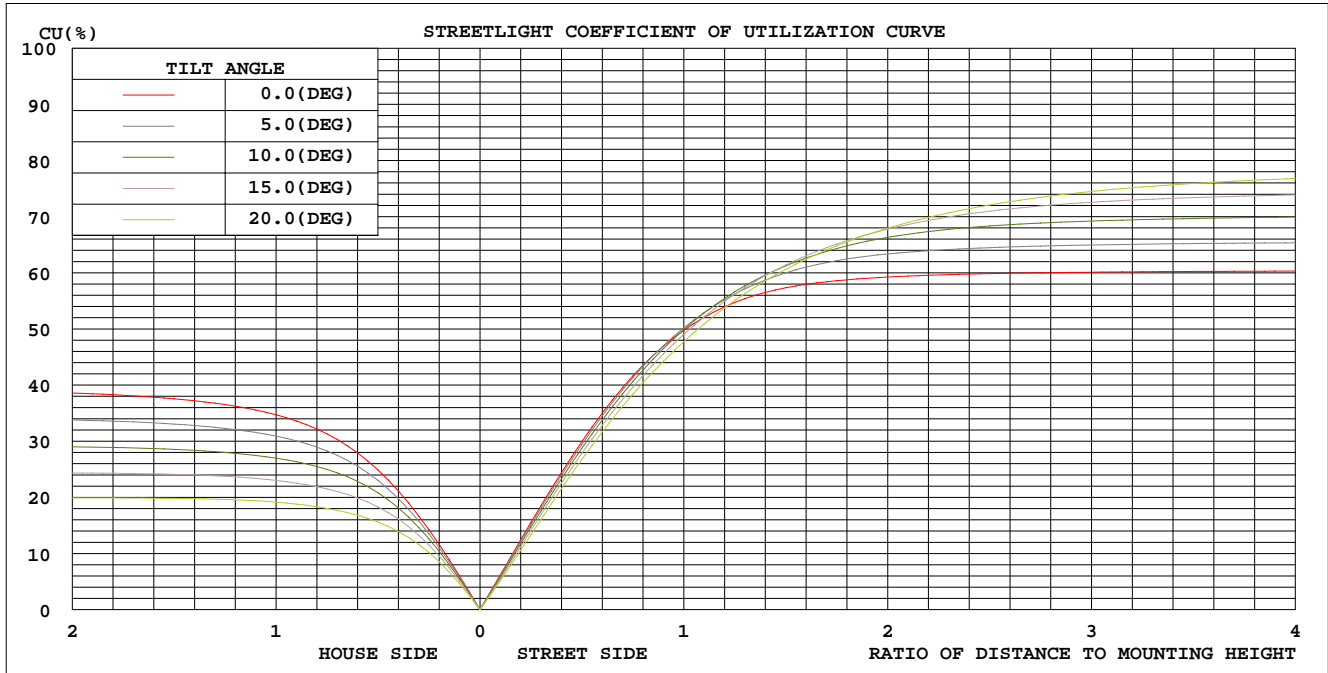
Classification:

IES:Type II - Short
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:63.98cd/klm
Max.At90:0cd/klm
Max.80-90:63.98cd/klm
NRB 5101:Semi limited[20.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2855
90%	2569
80%	2284
70%	1998
60%	1713
50%	1427
40%	1142
30%	856
20%	571
10%	285
5%	143

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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: 2024-12-11

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:0.1834A P:39.51W PF:0.9826 Freq:50.01Hz Lamp Flux:6038.49x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

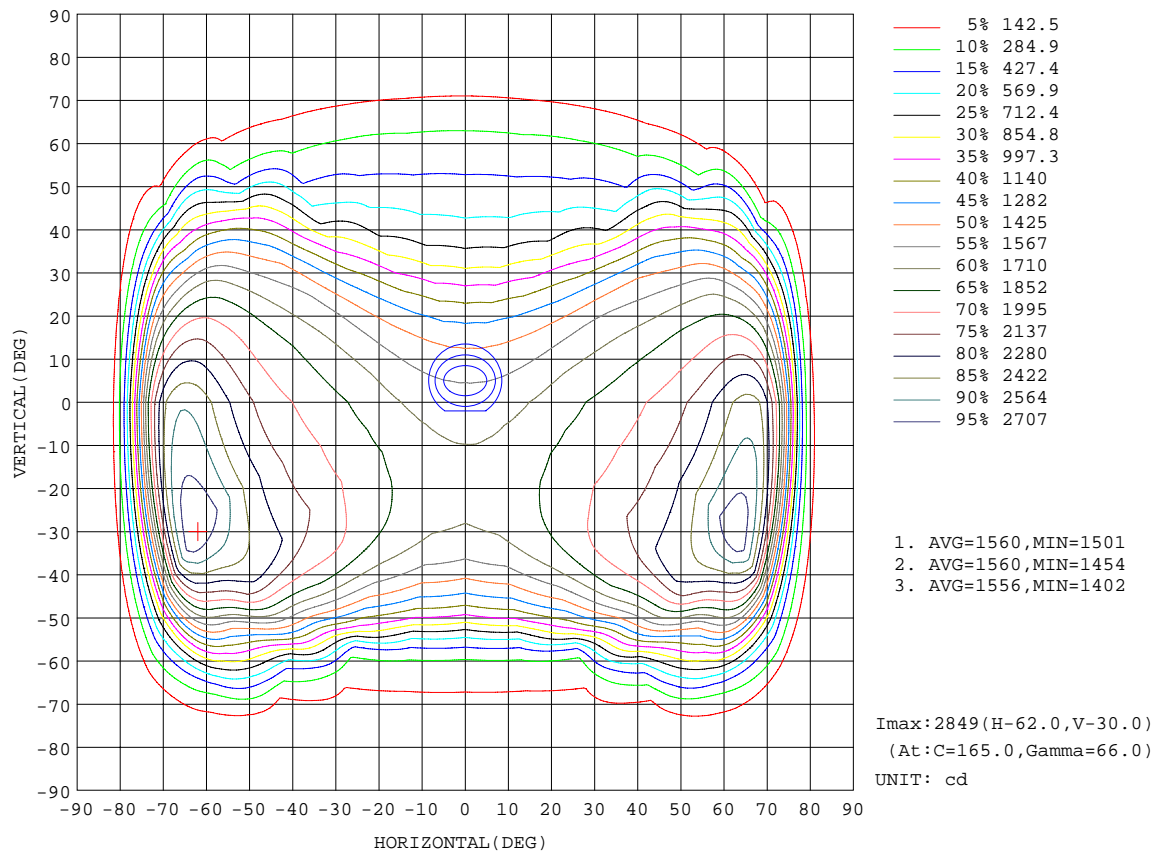
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1665	1709	1710	1712	1665	1546	1472	1538	0- 10	155.3	155.3	2.57,2.57
20	1769	1806	1742	1806	1770	1472	1231	1449	10- 20	461.9	617.2	10.2,10.2
30	1873	1900	1687	1904	1885	1356	888.7	1314	20- 30	748.5	1366	22.6,22.6
40	1973	1980	1453	1985	1995	1142	611.8	1082	30- 40	983.0	2349	38.9,38.9
50	2111	1922	938.6	1911	2159	768.1	460.0	697.7	40- 50	1136	3485	57.7,57.7
60	2362	1427	270.7	1410	2461	424.2	334.6	406.4	50- 60	1148	4632	76.7,76.7
70	2286	423.8	114.2	368.2	2378	186.7	158.7	171.2	60- 70	961.3	5593	92.6,92.6
80	181.6	46.99	31.99	51.01	309.2	36.19	33.61	31.76	70- 80	418.3	6012	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	26.75	6038	100,100
100	0	0	0	0	0	0	0	0	90-100	0	6038	100,100
110	0	0	0	0	0	0	0	0	100-110	0	6038	100,100
120	0	0	0	0	0	0	0	0	110-120	0	6038	100,100
130	0	0	0	0	0	0	0	0	120-130	0	6038	100,100
140	0	0	0	0	0	0	0	0	130-140	0	6038	100,100
150	0	0	0	0	0	0	0	0	140-150	0	6038	100,100
160	0	0	0	0	0	0	0	0	150-160	0	6038	100,100
170	0	0	0	0	0	0	0	0	160-170	0	6038	100,100
180	0	0	0	0	0	0	0	0	170-180	0	6038	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:2024-12-11

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

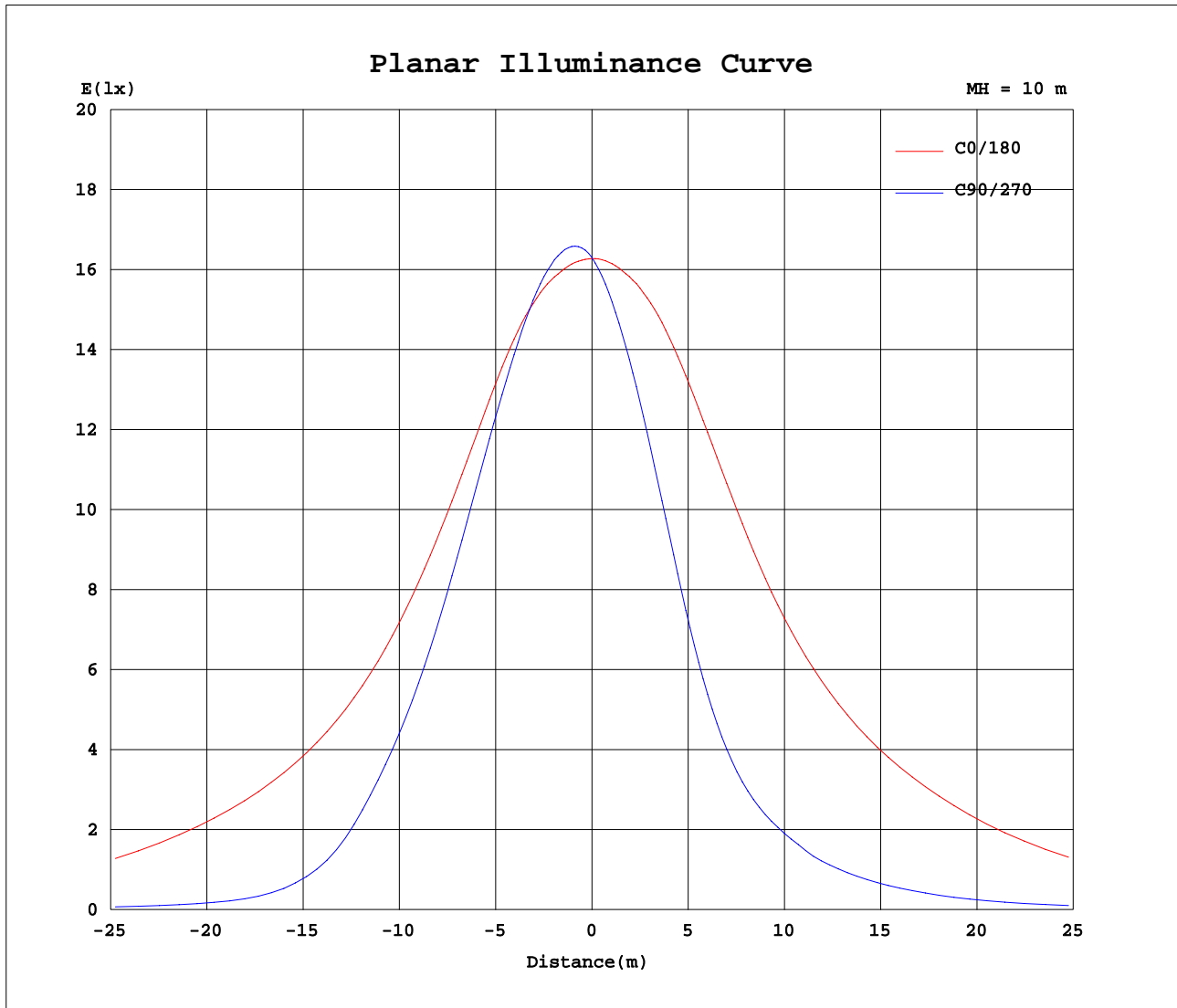
Test:U:219.2V I:0.1834A P:39.51W PF:0.9826 Freq:50.01Hz Lamp Flux:6038.49x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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



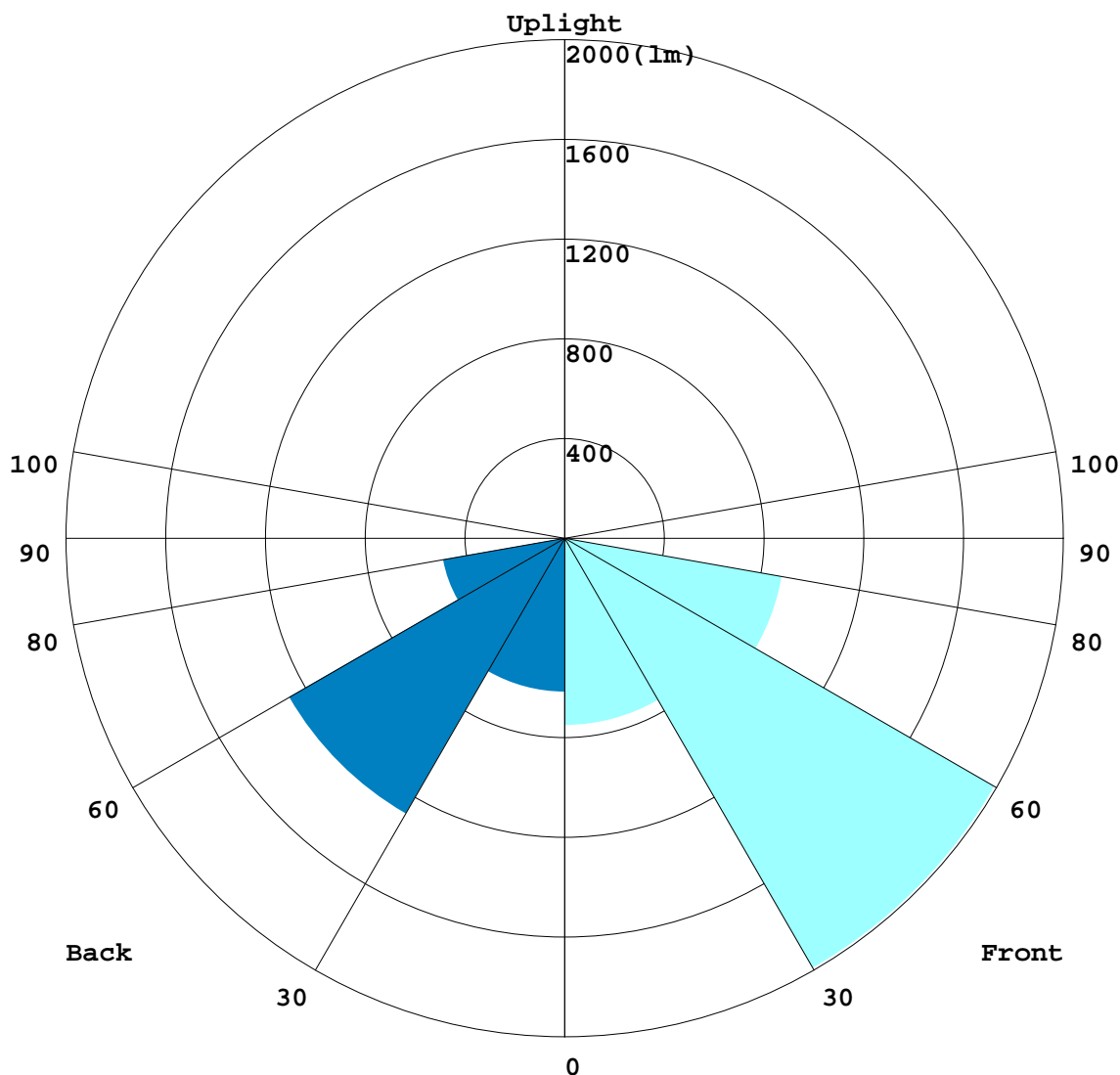
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-11

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:0.1834A P:39.51W PF:0.9826 Freq:50.01Hz Lamp Flux:6038.49x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	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:2024-12-11

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:0.1834A P:39.51W PF:0.9826 Freq:50.01Hz Lamp Flux:6038.49x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	749.47	12.4
FM - Front-Medium(30-60)	1991.4	33.0
FH - Front-High(60-80)	884.54	14.6
FVH - Front-Very High(80-90)	17.492	0.3
Total Forward Light	3642.8	60.3

BL - Back-Low(0-30)	616.2	10.2
BM - Back-Medium(30-60)	1275.2	21.1
BH - Back-High(60-80)	495.01	8.2
BVH - Back-Very High(80-90)	9.2593	0.2
Total Back Light	2395.6	39.7

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	2395.6	0	2395.6
Street Side	3642.8	0	3642.8

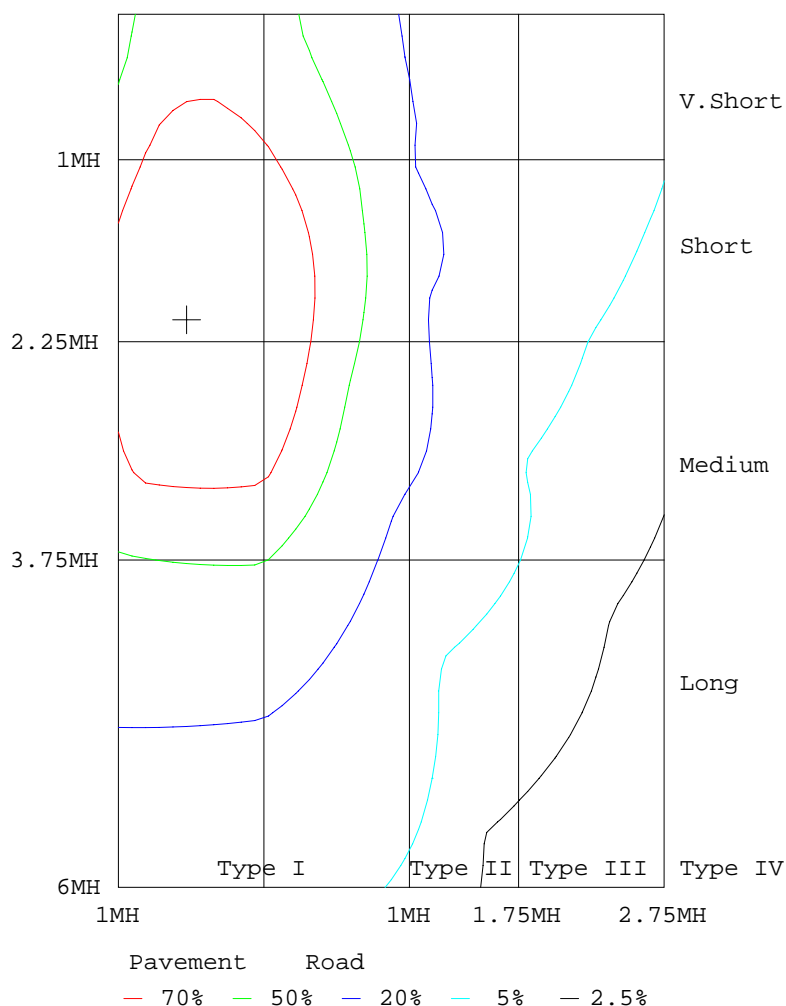
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-11

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:0.1834A P:39.51W PF:0.9826 Freq:50.01Hz Lamp Flux:6038.49x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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:0.1834A P:39.51W PF:0.9826 Freq:50.01Hz Lamp Flux:6038.49x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	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	1629	1629	1629	1629	1629	1629	1629	1629	1629	1629	1629	1629	1629	1629	1629	1629	1629	1629	1629
5	1638	1651	1661	1669	1673	1676	1676	1677	1675	1670	1662	1652	1638	1622	1603	1587	1572	1562	1558
10	1665	1689	1704	1709	1710	1710	1710	1712	1712	1712	1705	1691	1665	1631	1588	1546	1509	1481	1472
15	1713	1744	1758	1755	1745	1737	1735	1739	1748	1755	1758	1746	1712	1658	1585	1510	1440	1386	1366
20	1769	1805	1816	1806	1776	1750	1742	1752	1776	1806	1820	1810	1770	1696	1592	1472	1355	1263	1231
25	1823	1866	1877	1852	1799	1747	1728	1748	1798	1855	1883	1874	1828	1738	1601	1422	1247	1113	1066
30	1873	1921	1934	1900	1812	1726	1687	1723	1811	1904	1946	1936	1885	1778	1609	1356	1110	942	889
35	1921	1976	1993	1946	1804	1660	1599	1654	1796	1951	2011	1999	1940	1814	1609	1267	952	779	730
40	1973	2041	2062	1980	1752	1536	1453	1527	1734	1985	2088	2068	1995	1846	1588	1142	792	646	612
45	2032	2121	2142	1982	1629	1348	1246	1335	1602	1985	2172	2157	2061	1874	1543	981	649	564	539
50	2111	2227	2227	1922	1419	1082	939	1062	1384	1911	2257	2282	2159	1898	1462	768	557	480	460
55	2218	2376	2295	1746	1110	639	536	624	1061	1718	2332	2458	2293	1907	1314	574	449	409	400
60	2362	2589	2291	1427	501	304	271	304	456	1410	2301	2675	2461	1855	1091	424	370	341	335
65	2480	2810	1967	991	208	175	168	176	205	931	1930	2843	2550	1645	680	306	273	254	250
70	2286	2656	1301	424	132	118	114	120	131	368	1310	2650	2378	1128	284	187	172	160	159
75	1287	1542	701	138	77.3	72.1	69.5	73.6	79.7	127	712	1517	1451	415	126	92.8	88.7	83.5	81.9
80	182	368	185	47.0	35.1	33.8	32.0	35.0	37.7	51.0	178	386	309	77.2	47.7	36.2	36.3	34.7	33.6
85	15.7	25.1	20.8	10.1	7.79	7.75	6.88	8.33	9.37	12.6	23.0	36.4	28.1	16.0	10.9	8.43	8.38	7.44	6.86
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:2024-12-11

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:0.1834A P:39.51W PF:0.9826 Freq:50.01Hz Lamp Flux:6038.49x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-40WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	1629	1629	1629	1629	1629													
5	1560	1570	1583	1600	1619													
10	1477	1503	1538	1580	1626													
15	1380	1428	1495	1573	1652													
20	1254	1337	1449	1572	1688													
25	1098	1220	1391	1575	1724													
30	926	1076	1314	1573	1755													
35	764	920	1213	1561	1781													
40	633	752	1082	1529	1804													
45	553	627	912	1467	1817													
50	472	539	698	1370	1824													
55	403	437	543	1216	1808													
60	336	359	406	982	1742													
65	250	264	292	561	1496													
70	156	163	171	243	988													
75	80.7	82.0	80.6	102	210													
80	33.8	33.9	31.8	37.5	53.1													
85	6.70	6.90	6.23	7.46	9.71													
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:2024-12-11

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: