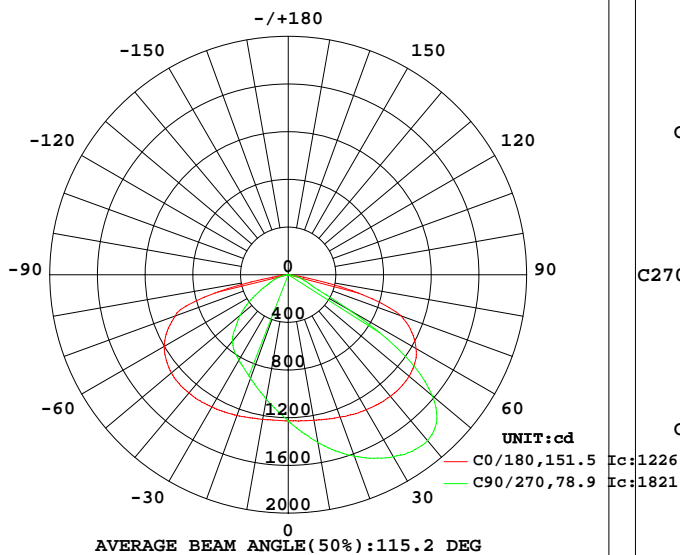
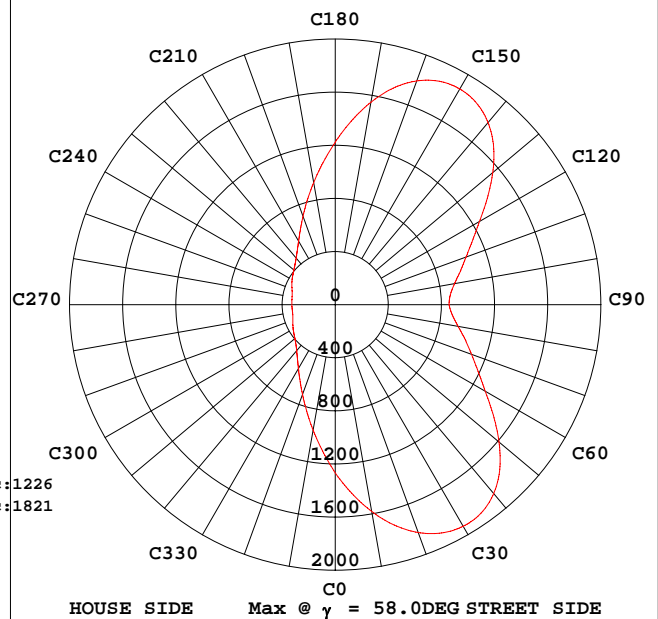


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.1425A P:30.15W PF:0.9654 Freq:50.01Hz Lamp Flux:4905.09x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WILE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 162.68 lm/W			
MODEL	3030	I _{max} (cd)	1926	η street_up(%)	0.0
NOMINAL POWER(W)	30	LOR(%)	100.0	η street_down(%)	67.6
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4905	η house_up(%)	0.0
NOMINAL FLUX(lm)	4905.09	MAXIMUM @(C,γ)	30,58.0	η house_down(%)	32.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	18.895

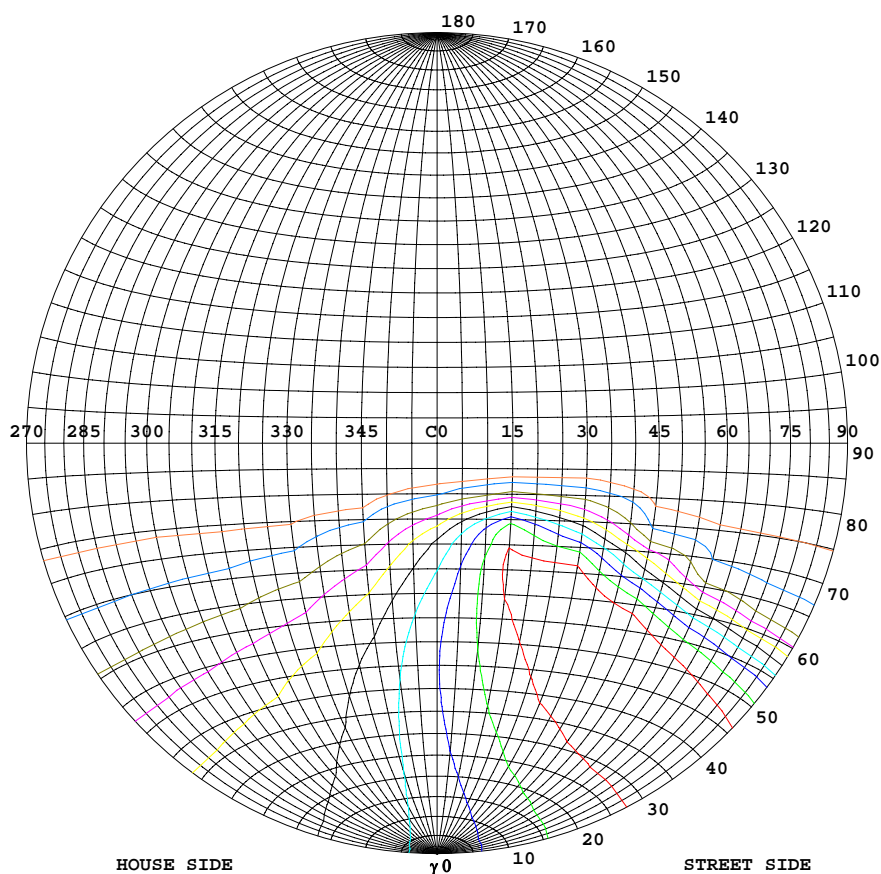
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-1-4

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:0.1425A P:30.15W PF:0.9654 Freq:50.01Hz Lamp Flux:4905.09x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



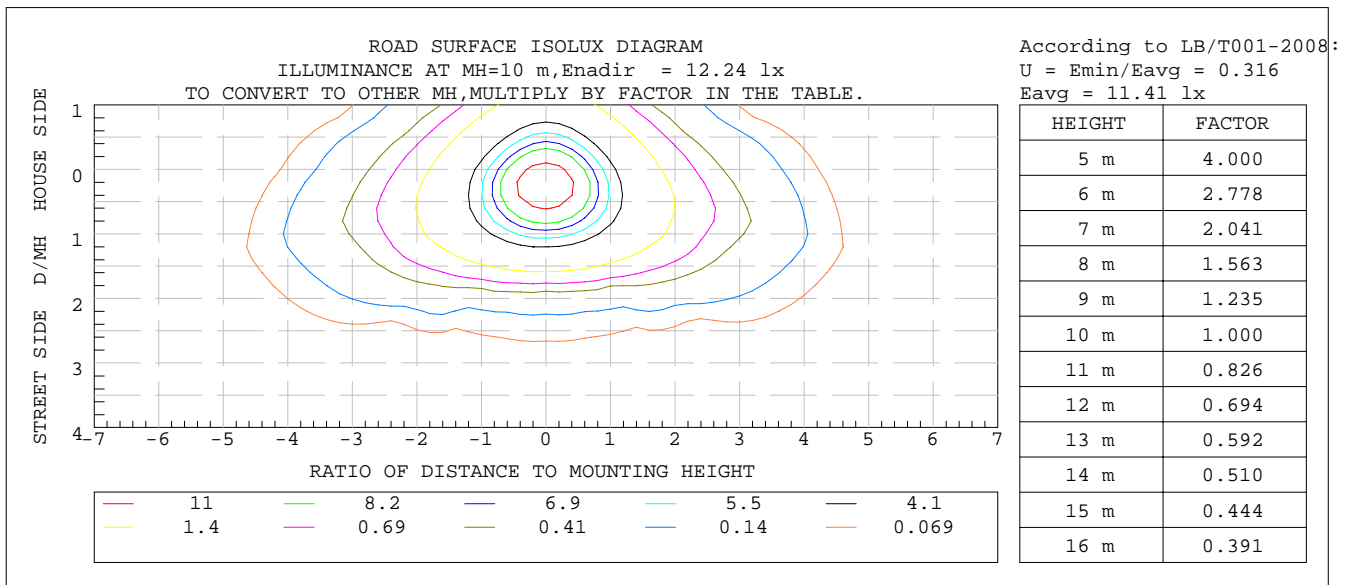
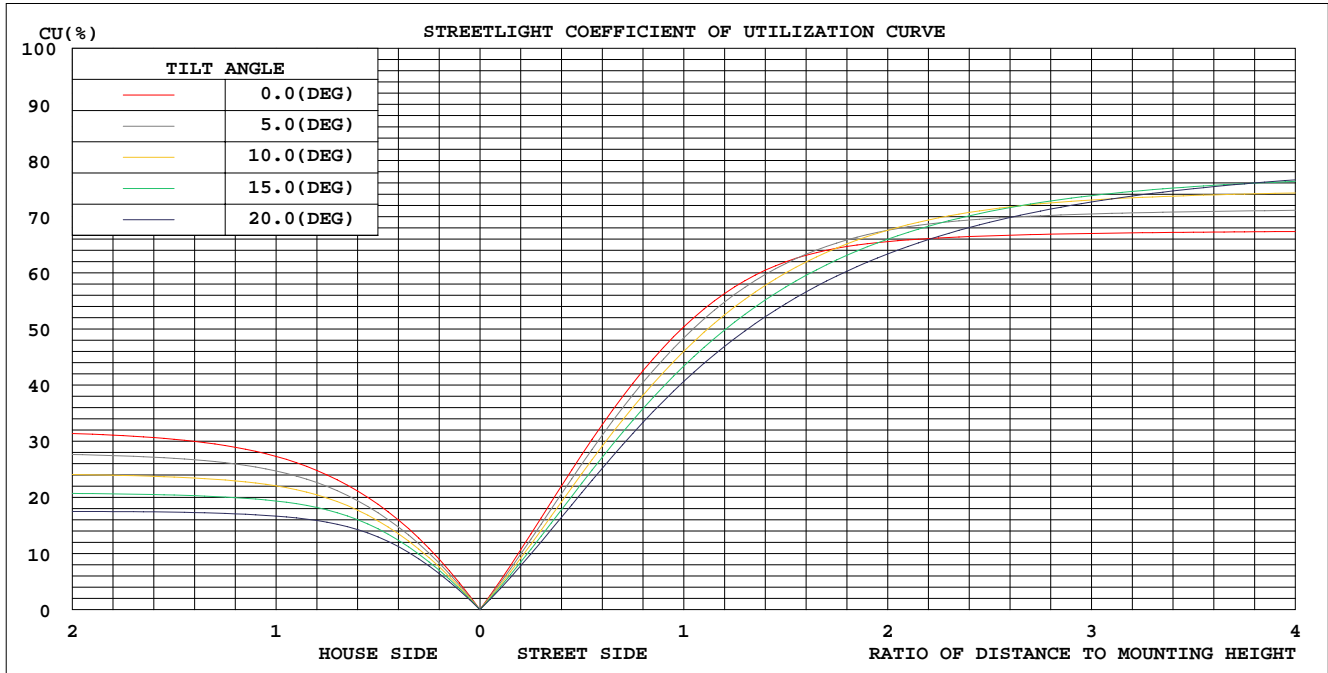
Classification:

IES:Type III - Short
CIE:Average - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:90.02cd/klm
Max.At90:0cd/klm
Max.80-90:90.02cd/klm
NRB 5101:Semi limited[25.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1926
90%	1734
80%	1541
70%	1348
60%	1156
50%	963
40%	770
30%	578
20%	385
10%	193
5%	96

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-1-4

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: 2025-1-4

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:0.1425A P:30.15W PF:0.9654 Freq:50.01Hz Lamp Flux:4905.09x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

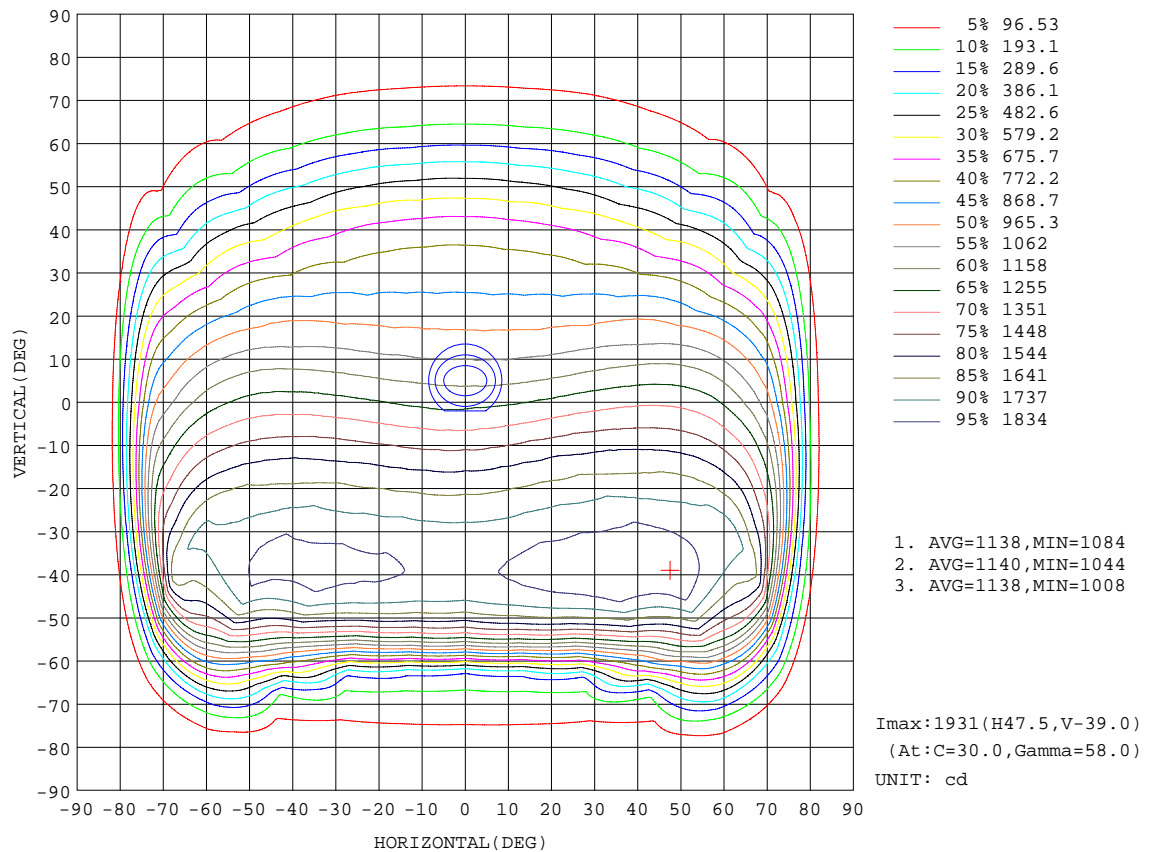
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1240	1377	1429	1369	1233	1109	1061	1105	0- 10	117.6	117.6	2.4,2.4
20	1270	1555	1620	1528	1257	1004	925.8	998.3	10- 20	355.9	473.5	9.65,9.65
30	1308	1713	1763	1684	1280	902.2	826.6	898.1	20- 30	594.7	1068	21.8,21.8
40	1333	1840	1818	1813	1296	795.5	728.2	790.7	30- 40	819.1	1887	38.5,38.5
50	1324	1917	1578	1876	1280	641.4	525.0	633.0	40- 50	984.4	2872	58.5,58.5
60	1238	1629	598.9	1561	1202	374.5	280.5	366.2	50- 60	974.5	3846	78.4,78.4
70	1008	634.3	149.6	544.3	1010	139.5	130.6	140.4	60- 70	689.6	4536	92.5,92.5
80	174.4	72.61	37.91	66.90	224.9	38.54	33.36	37.86	70- 80	337.6	4873	99.4,99.4
90	0	0	0	0	0	0	0	0	80- 90	31.68	4905	100,100
100	0	0	0	0	0	0	0	0	90-100	0	4905	100,100
110	0	0	0	0	0	0	0	0	100-110	0	4905	100,100
120	0	0	0	0	0	0	0	0	110-120	0	4905	100,100
130	0	0	0	0	0	0	0	0	120-130	0	4905	100,100
140	0	0	0	0	0	0	0	0	130-140	0	4905	100,100
150	0	0	0	0	0	0	0	0	140-150	0	4905	100,100
160	0	0	0	0	0	0	0	0	150-160	0	4905	100,100
170	0	0	0	0	0	0	0	0	160-170	0	4905	100,100
180	0	0	0	0	0	0	0	0	170-180	0	4905	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:2025-1-4

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

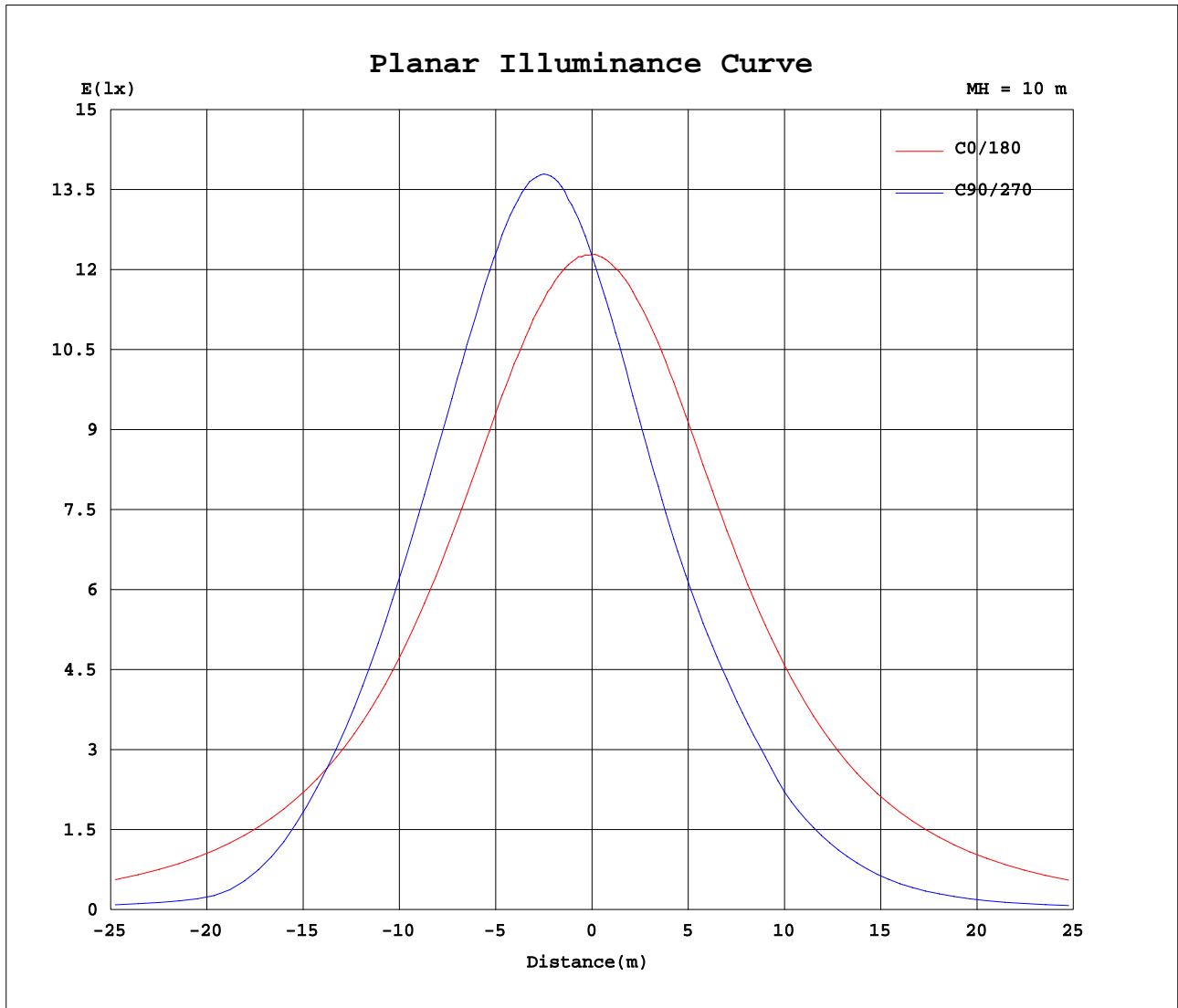
Test:U:219.2V I:0.1425A P:30.15W PF:0.9654 Freq:50.01Hz Lamp Flux:4905.09x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-1-4

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



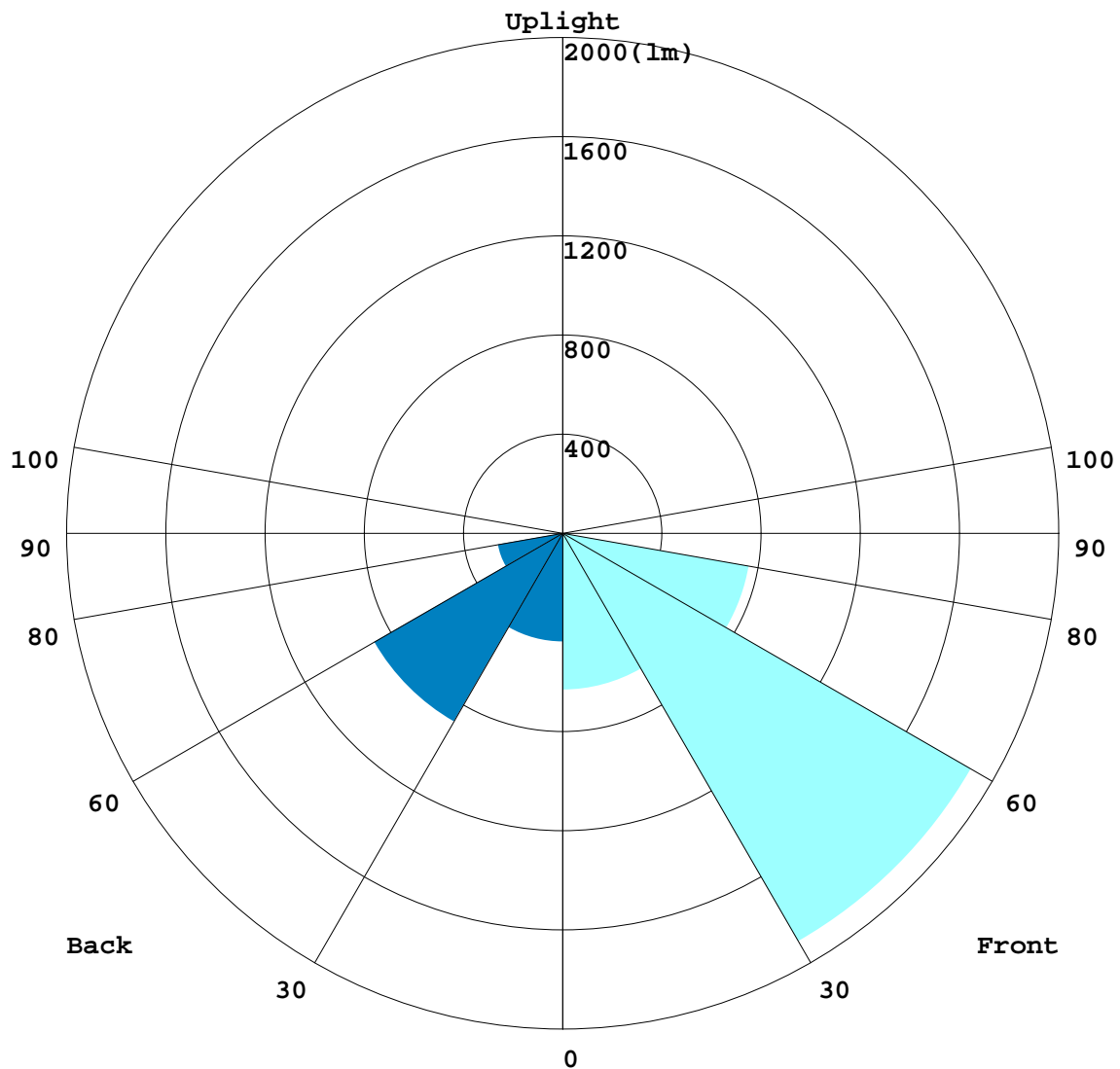
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-1-4

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:0.1425A P:30.15W PF:0.9654 Freq:50.01Hz Lamp Flux:4905.09x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T221-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:2025-1-4

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:0.1425A P:30.15W PF:0.9654 Freq:50.01Hz Lamp Flux:4905.09x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T221-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)	631.32	12.9
FM - Front-Medium(30-60)	1900.7	38.8
FH - Front-High(60-80)	762.2	15.5
FVH - Front-Very High(80-90)	22.933	0.5
Total Forward Light	3317.2	67.6

BL - Back-Low(0-30)	436.97	8.9
BM - Back-Medium(30-60)	877.25	17.9
BH - Back-High(60-80)	264.93	5.4
BVH - Back-Very High(80-90)	8.7489	0.2
Total Back Light	1587.9	32.4

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	B1-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1587.9	0	1587.9
Street Side	3317.2	0	3317.2

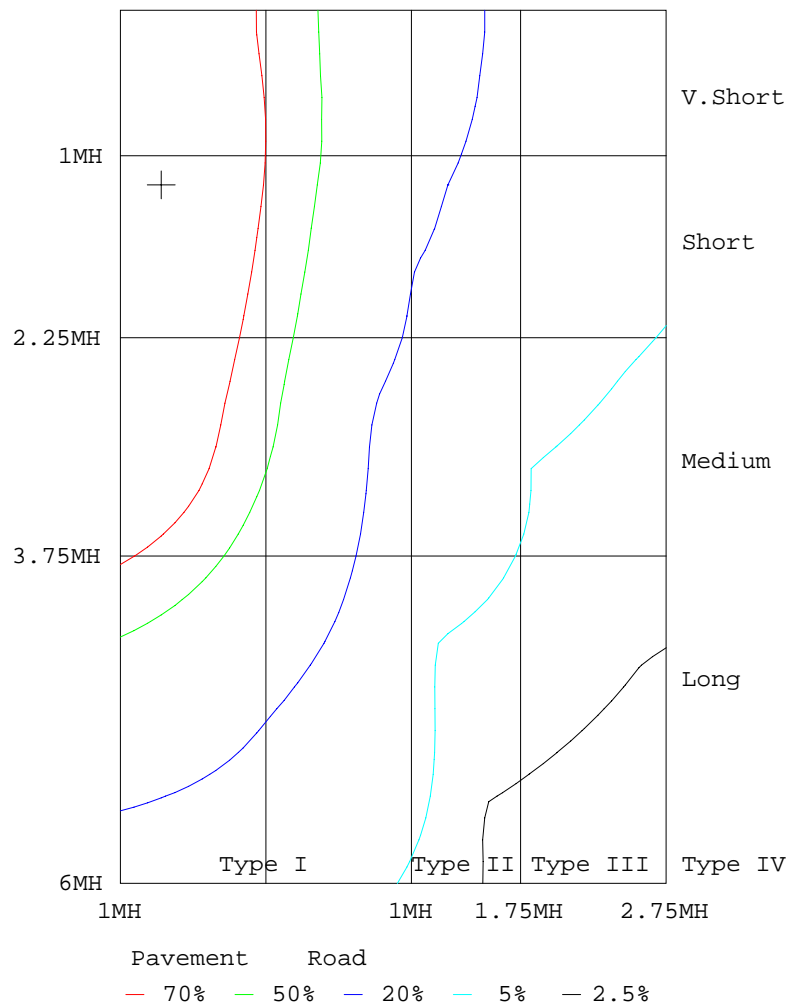
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-1-4

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:0.1425A P:30.15W PF:0.9654 Freq:50.01Hz Lamp Flux:4905.09x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T221-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:2025-1-4

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:0.1425A P:30.15W PF:0.9654 Freq:50.01Hz Lamp Flux:4905.09x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T221-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	1226	1226	1226	1226	1226	1226	1226	1226	1226	1226	1226	1226	1226	1226	1226	1226	1226	1226	1226
5	1230	1255	1275	1297	1308	1321	1323	1321	1309	1291	1272	1251	1226	1200	1176	1163	1145	1140	1139
10	1240	1292	1335	1377	1404	1421	1429	1419	1401	1369	1329	1282	1233	1185	1141	1109	1077	1066	1061
15	1254	1333	1408	1466	1499	1523	1529	1520	1493	1448	1393	1321	1243	1170	1108	1053	1015	994	989
20	1270	1382	1479	1555	1590	1612	1620	1608	1579	1528	1457	1364	1257	1157	1068	1004	957	934	926
25	1293	1432	1555	1636	1675	1697	1700	1689	1664	1609	1524	1409	1269	1143	1031	952	902	880	872
30	1308	1479	1621	1713	1751	1766	1763	1762	1738	1684	1587	1452	1280	1125	989	902	852	835	827
35	1322	1528	1685	1779	1812	1814	1810	1814	1801	1749	1653	1496	1290	1101	946	851	807	794	787
40	1333	1568	1748	1840	1855	1841	1818	1832	1840	1813	1717	1536	1296	1069	894	796	756	735	728
45	1334	1609	1809	1892	1862	1809	1759	1788	1843	1865	1779	1576	1293	1028	830	730	682	642	625
50	1324	1653	1868	1917	1793	1666	1578	1635	1760	1876	1839	1616	1280	968	741	641	569	536	525
55	1296	1696	1915	1864	1561	1332	1212	1297	1515	1805	1875	1660	1250	885	629	513	455	417	406
60	1238	1737	1916	1629	1085	743	599	712	1032	1561	1861	1711	1202	764	498	374	321	287	280
65	1144	1771	1797	1156	459	266	221	261	415	1087	1737	1753	1121	607	328	234	206	187	185
70	1008	1716	1451	634	191	158	150	157	188	544	1367	1736	1010	392	176	139	133	131	131
75	643	1436	855	169	109	98.8	93.4	97.7	106	154	801	1456	731	177	88.0	83.4	83.8	81.3	80.2
80	174	442	312	72.6	50.2	43.8	37.9	41.4	48.0	66.9	268	405	225	46.9	38.7	38.5	40.0	33.7	33.4
85	19.3	36.8	41.6	19.2	13.7	11.4	8.44	10.02	12.7	17.2	31.6	31.7	18.7	12.1	9.84	9.09	9.86	9.27	9.61
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:2025-1-4

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:0.1425A P:30.15W PF:0.9654 Freq:50.01Hz Lamp Flux:4905.09x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-30WiLE-NV-L3-00-5070-T221-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1226	1226	1226	1226	1226														
5	1141	1149	1162	1181	1204														
10	1065	1081	1105	1141	1190														
15	994	1014	1050	1103	1173														
20	932	954	998	1069	1162														
25	877	899	946	1029	1147														
30	831	850	898	988	1134														
35	789	805	848	946	1112														
40	730	752	791	896	1082														
45	635	676	722	832	1043														
50	530	558	633	747	987														
55	410	444	499	633	901														
60	284	314	366	498	781														
65	187	205	232	323	617														
70	131	135	140	177	396														
75	81.2	84.0	83.9	89.5	175														
80	33.5	39.7	37.9	38.4	48.2														
85	9.19	9.83	9.11	9.73	12.2														
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:2025-1-4

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: