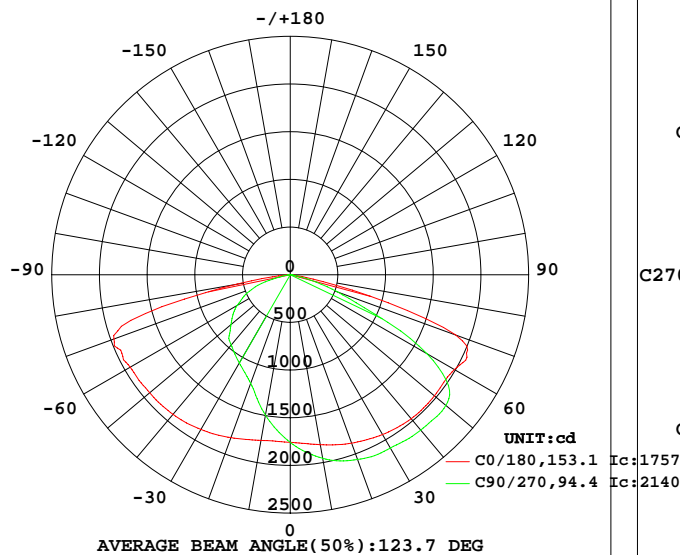
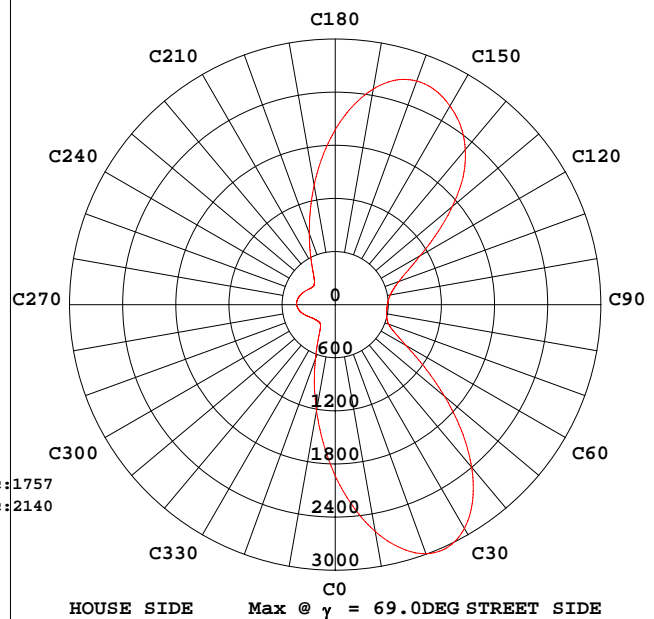


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.2333A P:50.62W PF:0.9898 Freq:50.01Hz Lamp Flux:7298.45x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WILE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 144.19 lm/W			
MODEL	3030	Imax(cd)	2917	η street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	100.0	η street_down(%)	65.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7298	η house_up(%)	0.0
NOMINAL FLUX(lm)	7298.45	MAXIMUM @(C, γ)	30,69.0	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	18.813

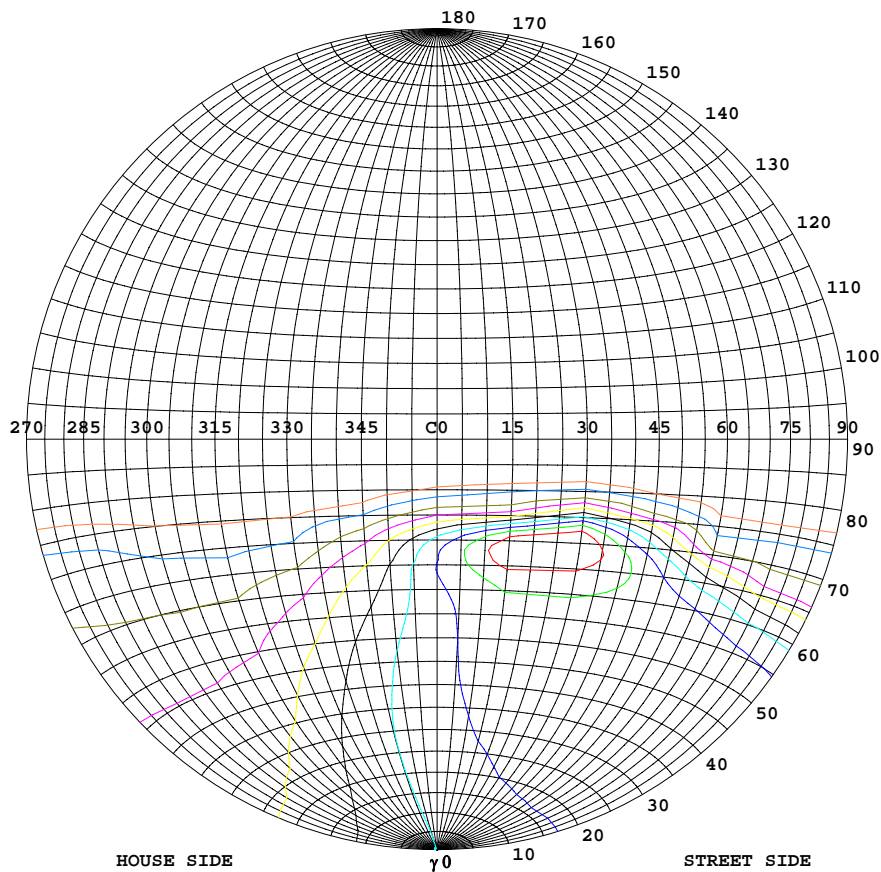
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-18

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:0.2333A P:50.62W PF:0.9898 Freq:50.01Hz Lamp Flux:7298.45x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



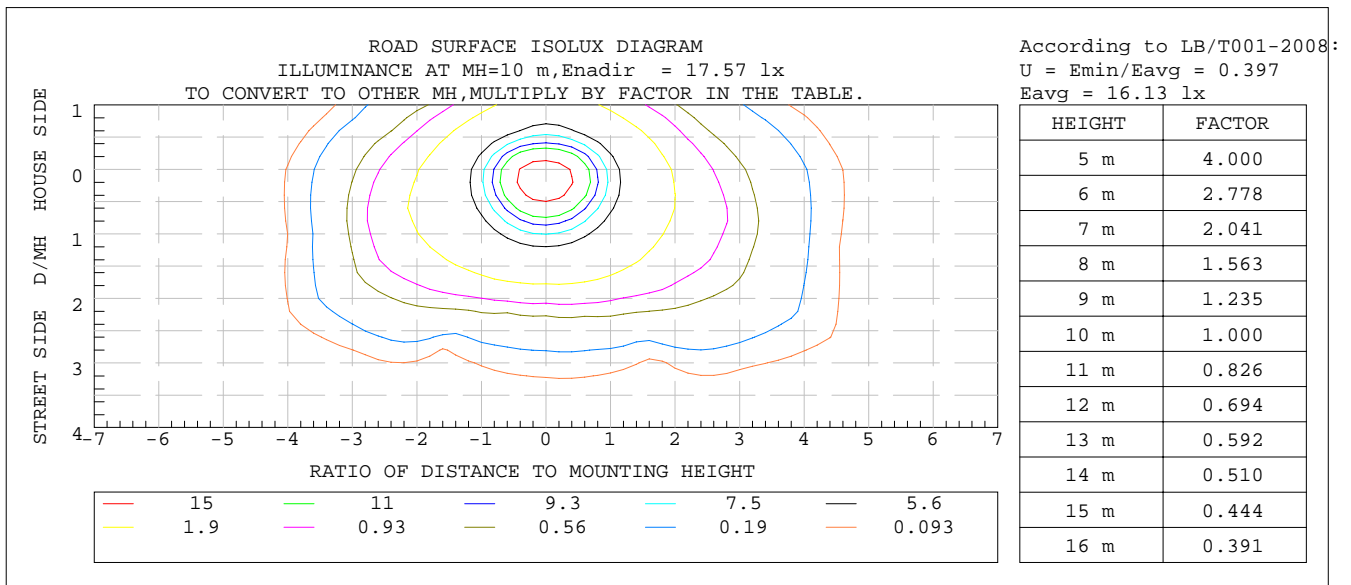
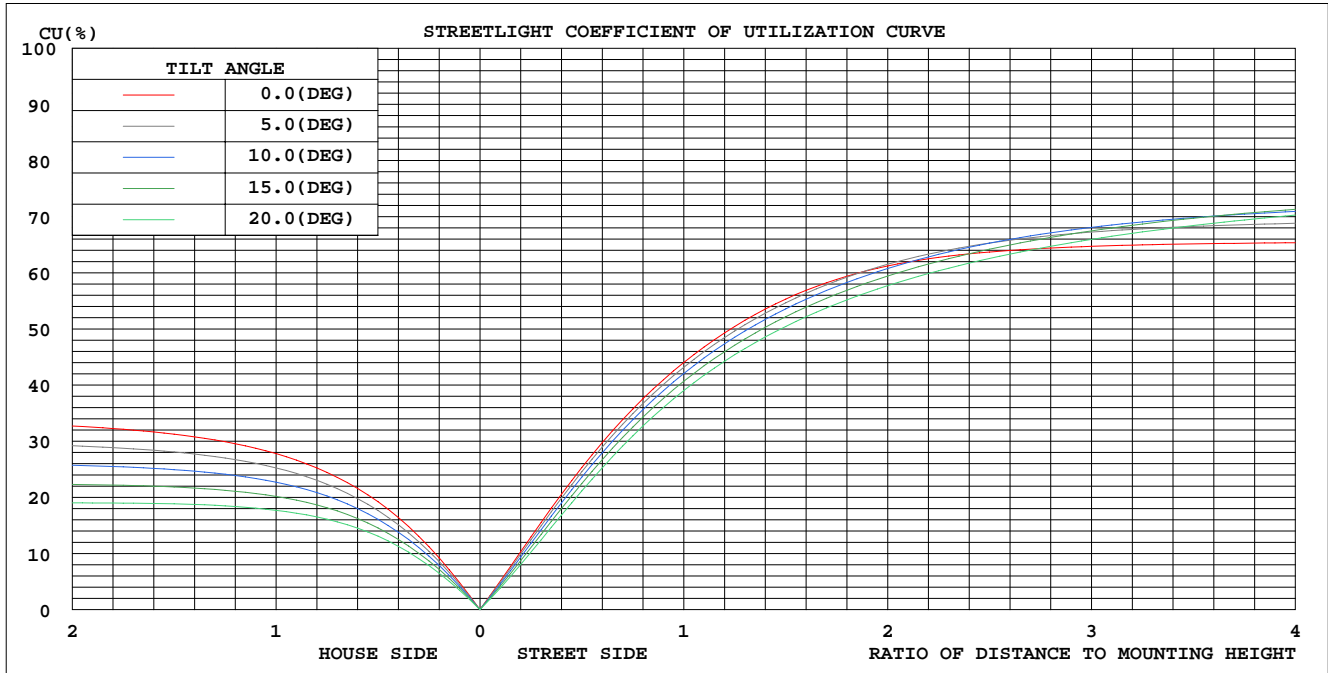
Classification:

IES:Type III - Medium
CIE:Broad - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:142.9cd/klm
Max.At90:0cd/klm
Max.80-90:142.9cd/klm
NRB 5101:Limited[6.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2917
90%	2625
80%	2334
70%	2042
60%	1750
50%	1459
40%	1167
30%	875
20%	583
10%	292
5%	146

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-18

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: 2024-12-18

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:0.2333A P:50.62W PF:0.9898 Freq:50.01Hz Lamp Flux:7298.45x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

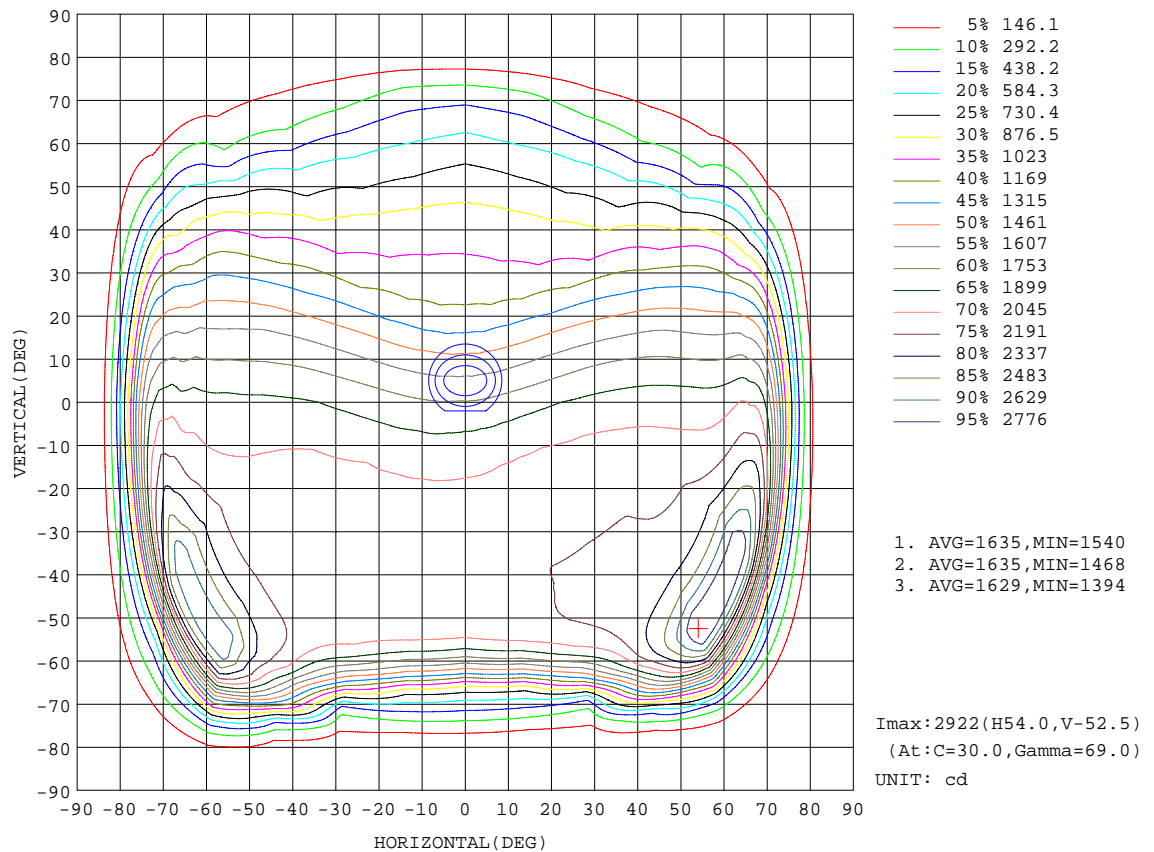
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1810	1929	1954	1899	1764	1580	1496	1606	0- 10	167.6	167.6	2.3,2.3
20	1879	2070	2061	2025	1818	1411	1213	1453	10- 20	495.5	663.2	9.09,9.09
30	1935	2150	2098	2104	1873	1255	1070	1275	20- 30	801.5	1465	20.1,20.1
40	1972	2184	2127	2135	1912	1089	963.8	1074	30- 40	1072	2537	34.8,34.8
50	1974	2214	2130	2156	1924	916.5	812.3	870.3	40- 50	1286	3822	52.4,52.4
60	1989	2268	1656	2171	1939	658.7	644.9	601.0	50- 60	1404	5226	71.6,71.6
70	1843	1894	528.9	1954	1966	302.1	412.3	247.8	60- 70	1319	6546	89.7,89.7
80	167.6	146.2	55.91	287.6	564.2	82.98	66.19	45.90	70- 80	696.1	7242	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	56.61	7298	100,100
100	0	0	0	0	0	0	0	0	90-100	0	7298	100,100
110	0	0	0	0	0	0	0	0	100-110	0	7298	100,100
120	0	0	0	0	0	0	0	0	110-120	0	7298	100,100
130	0	0	0	0	0	0	0	0	120-130	0	7298	100,100
140	0	0	0	0	0	0	0	0	130-140	0	7298	100,100
150	0	0	0	0	0	0	0	0	140-150	0	7298	100,100
160	0	0	0	0	0	0	0	0	150-160	0	7298	100,100
170	0	0	0	0	0	0	0	0	160-170	0	7298	100,100
180	0	0	0	0	0	0	0	0	170-180	0	7298	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:2024-12-18

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

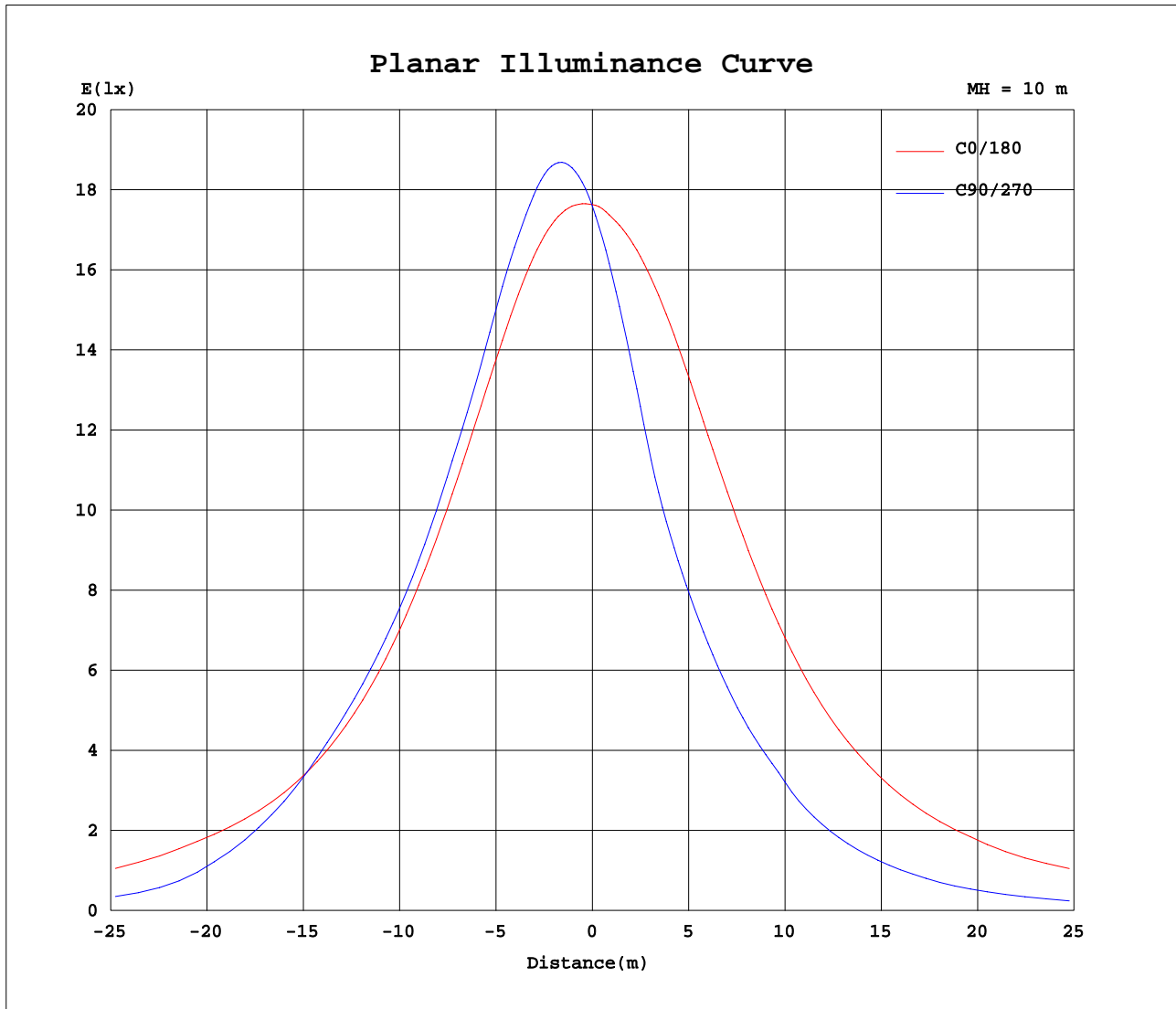
Test:U:219.2V I:0.2333A P:50.62W PF:0.9898 Freq:50.01Hz Lamp Flux:7298.45x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-18

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



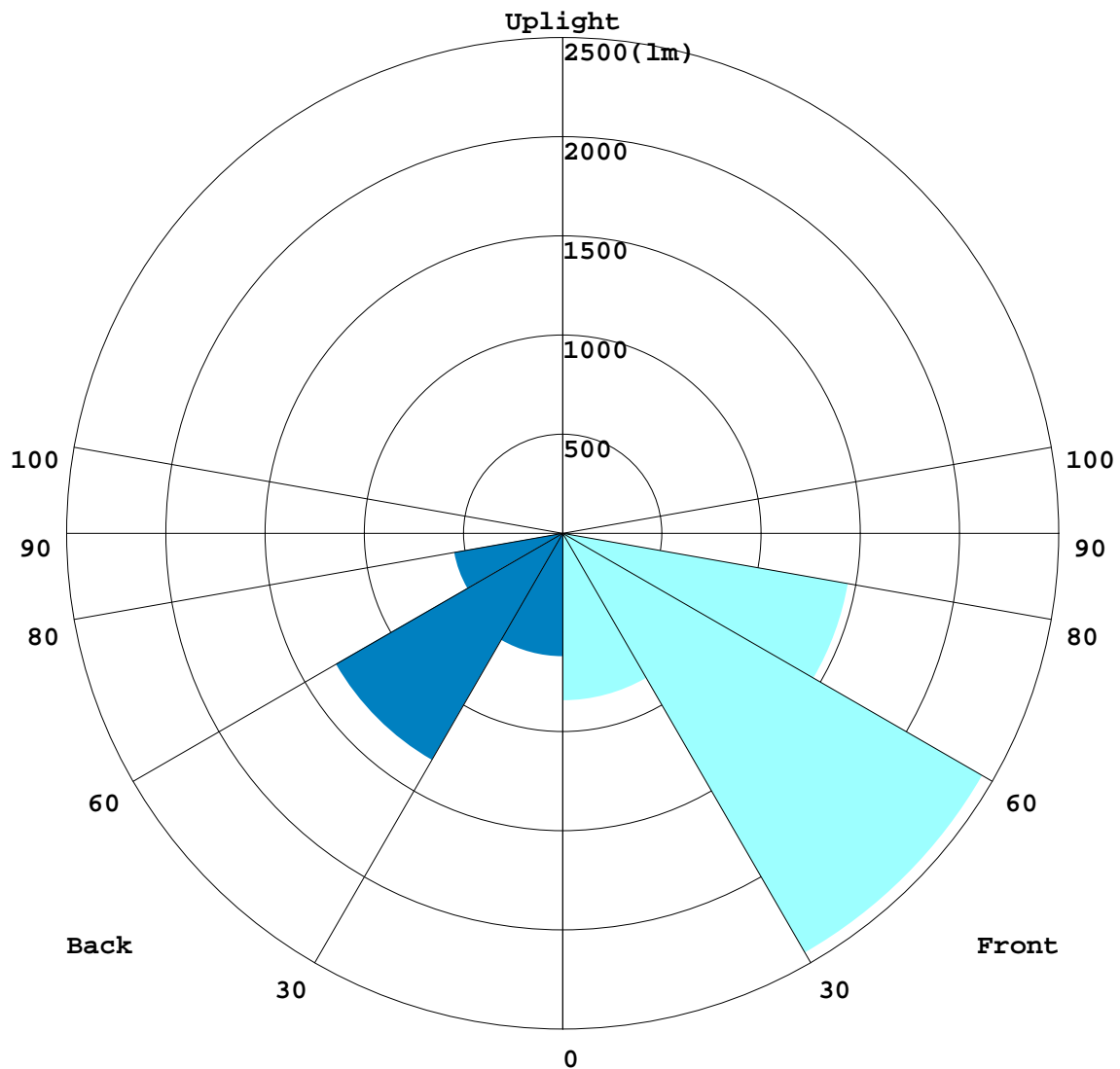
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-18

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:0.2333A P:50.62W PF:0.9898 Freq:50.01Hz Lamp Flux:7298.45x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T311-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:2024-12-18

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:0.2333A P:50.62W PF:0.9898 Freq:50.01Hz Lamp Flux:7298.45x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T311-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)	843.4	11.6
FM - Front-Medium(30-60)	2442.4	33.5
FH - Front-High(60-80)	1460.6	20.0
FVH - Front-Very High(80-90)	37.388	0.5
Total Forward Light	4783.7	65.5

BL - Back-Low(0-30)	621.23	8.5
BM - Back-Medium(30-60)	1319.4	18.1
BH - Back-High(60-80)	554.92	7.6
BVH - Back-Very High(80-90)	19.22	0.3
Total Back Light	2514.8	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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2514.8	0	2514.8
Street Side	4783.7	0	4783.7

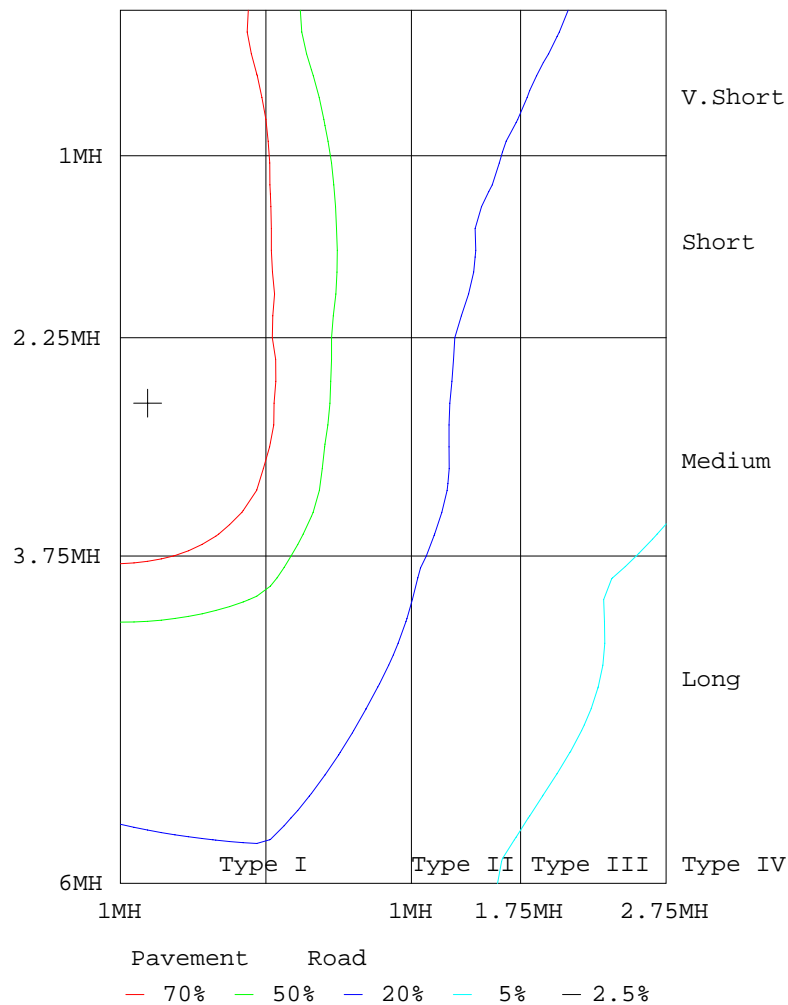
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-18

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:0.2333A P:50.62W PF:0.9898 Freq:50.01Hz Lamp Flux:7298.45x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T311-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:2024-12-18

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:0.2333A P:50.62W PF:0.9898 Freq:50.01Hz Lamp Flux:7298.45x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T311-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	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758
5	1777	1805	1828	1846	1857	1865	1865	1861	1848	1831	1808	1782	1752	1723	1693	1667	1649	1636	1634
10	1810	1863	1901	1929	1945	1956	1954	1948	1926	1899	1865	1820	1764	1705	1640	1580	1533	1502	1496
15	1846	1922	1973	2006	2020	2026	2022	2016	1995	1968	1925	1866	1788	1698	1595	1496	1414	1358	1346
20	1879	1973	2036	2070	2074	2069	2061	2057	2043	2025	1982	1915	1818	1698	1554	1411	1293	1224	1213
25	1907	2018	2088	2113	2117	2105	2092	2090	2077	2066	2032	1961	1848	1698	1514	1333	1199	1146	1131
30	1935	2062	2126	2150	2145	2122	2098	2100	2105	2104	2074	2003	1873	1696	1472	1255	1123	1084	1070
35	1956	2097	2157	2175	2160	2143	2117	2113	2117	2130	2104	2041	1897	1689	1421	1172	1055	1024	1015
40	1972	2125	2177	2184	2182	2161	2127	2128	2135	2135	2129	2070	1912	1674	1360	1089	986	966	964
45	1976	2145	2188	2201	2188	2163	2135	2133	2141	2146	2142	2088	1921	1644	1287	1007	916	901	907
50	1974	2165	2200	2214	2193	2161	2130	2135	2143	2156	2144	2101	1924	1602	1199	917	820	790	812
55	1966	2213	2237	2238	2183	2095	2024	2082	2126	2158	2154	2125	1934	1537	1085	809	700	699	734
60	1989	2348	2354	2268	2056	1777	1656	1798	2039	2171	2197	2199	1939	1448	949	659	593	604	645
65	2045	2693	2652	2264	1585	1111	983	1230	1676	2168	2353	2374	1948	1289	772	500	467	495	536
70	1843	2721	2900	1894	710	535	529	606	918	1954	2669	2725	1966	1039	473	302	320	384	412
75	864	1101	1802	954	212	209	234	255	272	1348	2474	2224	1572	648	218	185	185	235	231
80	168	260	348	146	68.1	59.9	55.9	64.8	92.4	288	1043	548	564	167	87.9	83.0	84.7	74.8	66.2
85	21.8	30.4	27.1	21.4	15.5	15.3	12.3	17.8	26.5	46.7	127	93.5	77.6	33.4	23.3	20.4	21.3	18.0	16.7
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:2024-12-18

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:0.2333A P:50.62W PF:0.9898 Freq:50.01Hz Lamp Flux:7298.45x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-50WiLE-NV-L3-00-5070-T311-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	1758	1758	1758	1758	1758													
5	1639	1657	1682	1712	1744													
10	1510	1550	1606	1675	1745													
15	1368	1435	1528	1638	1749													
20	1240	1325	1453	1604	1753													
25	1141	1213	1370	1564	1754													
30	1069	1115	1275	1515	1752													
35	1008	1031	1176	1451	1738													
40	955	962	1074	1372	1710													
45	890	892	975	1278	1669													
50	787	779	870	1166	1598													
55	699	683	730	1019	1502													
60	597	576	601	850	1374													
65	481	425	406	600	1185													
70	360	271	248	303	824													
75	199	147	134	148	307													
80	54.9	53.9	45.9	46.3	70.8													
85	13.1	11.8	9.82	11.9	17.6													
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:2024-12-18

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: