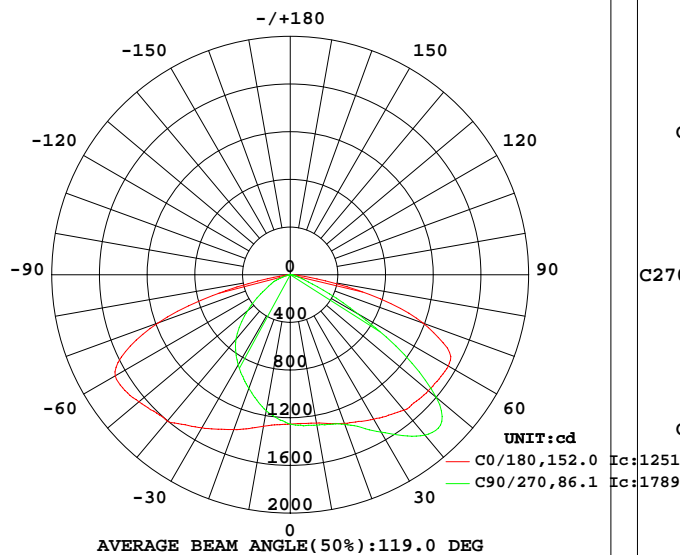
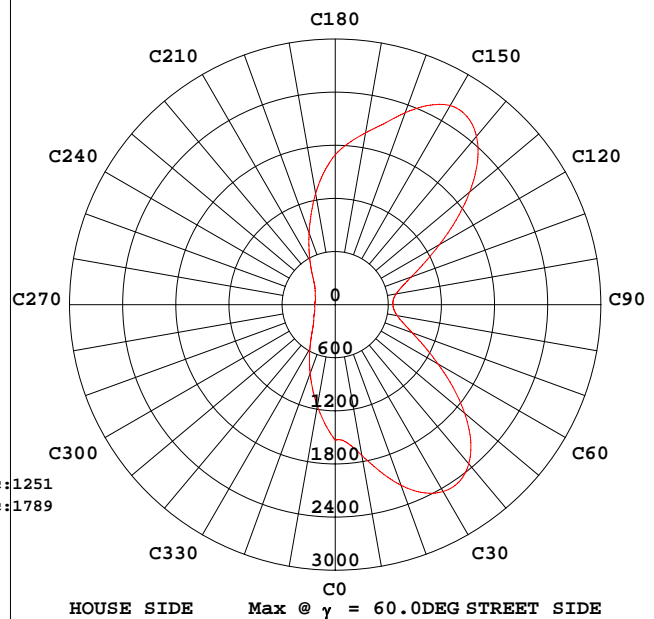


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.1439A P:30.48W PF:0.9662 Freq:50.00Hz Lamp Flux:5178.08x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-30WiLF-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: 169.88 lm/W			
MODEL	2835	I _{max} (cd)	2598	η street_up(%)	0.0
NOMINAL POWER(W)	30	LOR(%)	100.0	η street_down(%)	65.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	5178	η house_up(%)	0.0
NOMINAL FLUX(lm)	5178.08	MAXIMUM @(C,γ)	150,60.0	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	19.817

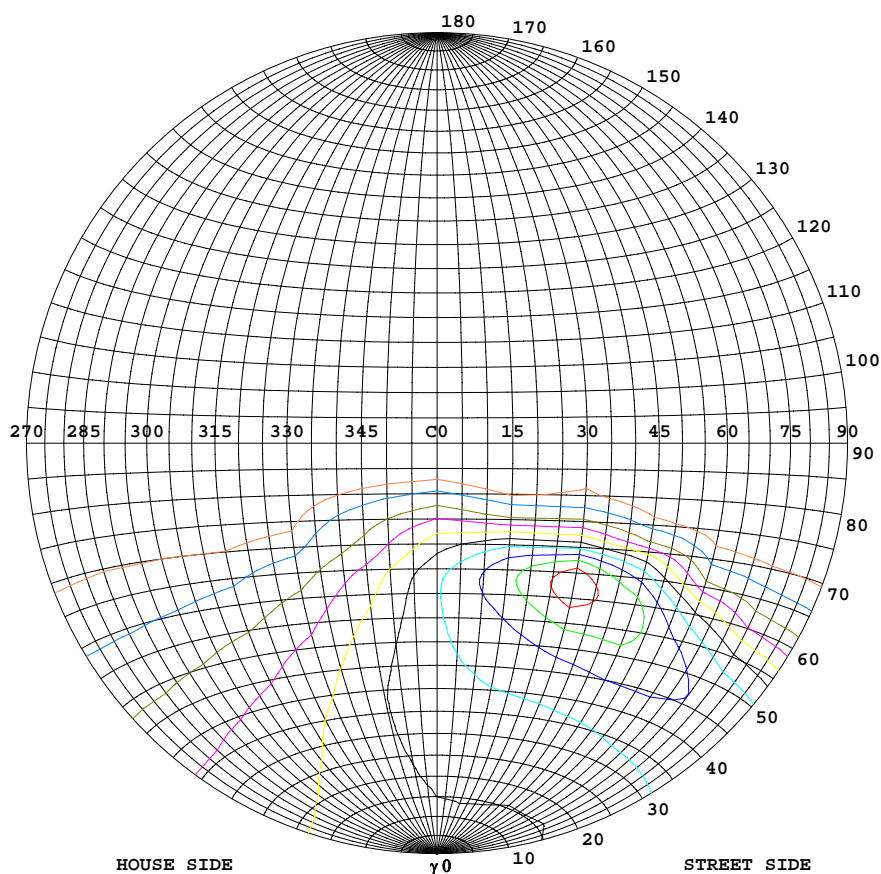
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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

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:0.1439A P:30.48W PF:0.9662 Freq:50.00Hz Lamp Flux:5178.08x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-30WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:



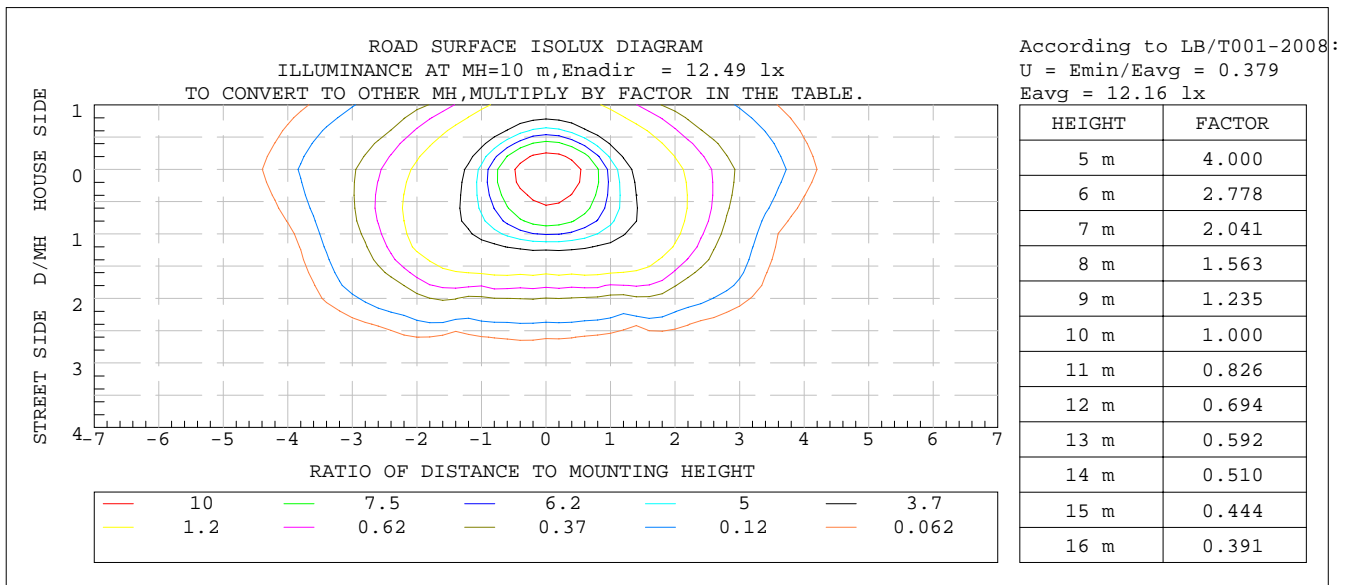
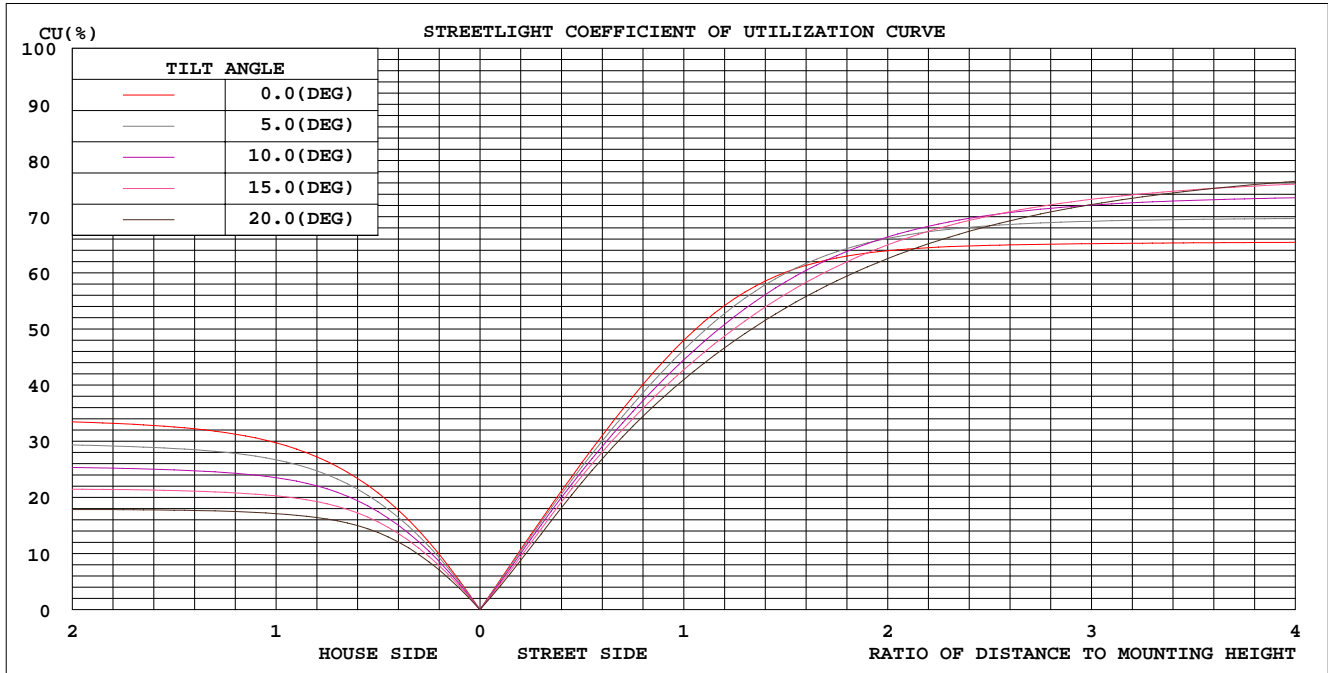
Classification:

IES:Type II - Short
CIE:Average - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:57.98cd/klm
Max.At90:0cd/klm
Max.80-90:57.98cd/klm
NRB 5101:Semi limited[13.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2598
90%	2339
80%	2079
70%	1819
60%	1559
50%	1299
40%	1039
30%	780
20%	520
10%	260
5%	130

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:0.1439A P:30.48W PF:0.9662 Freq:50.00Hz Lamp Flux:5178.08x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-30WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:

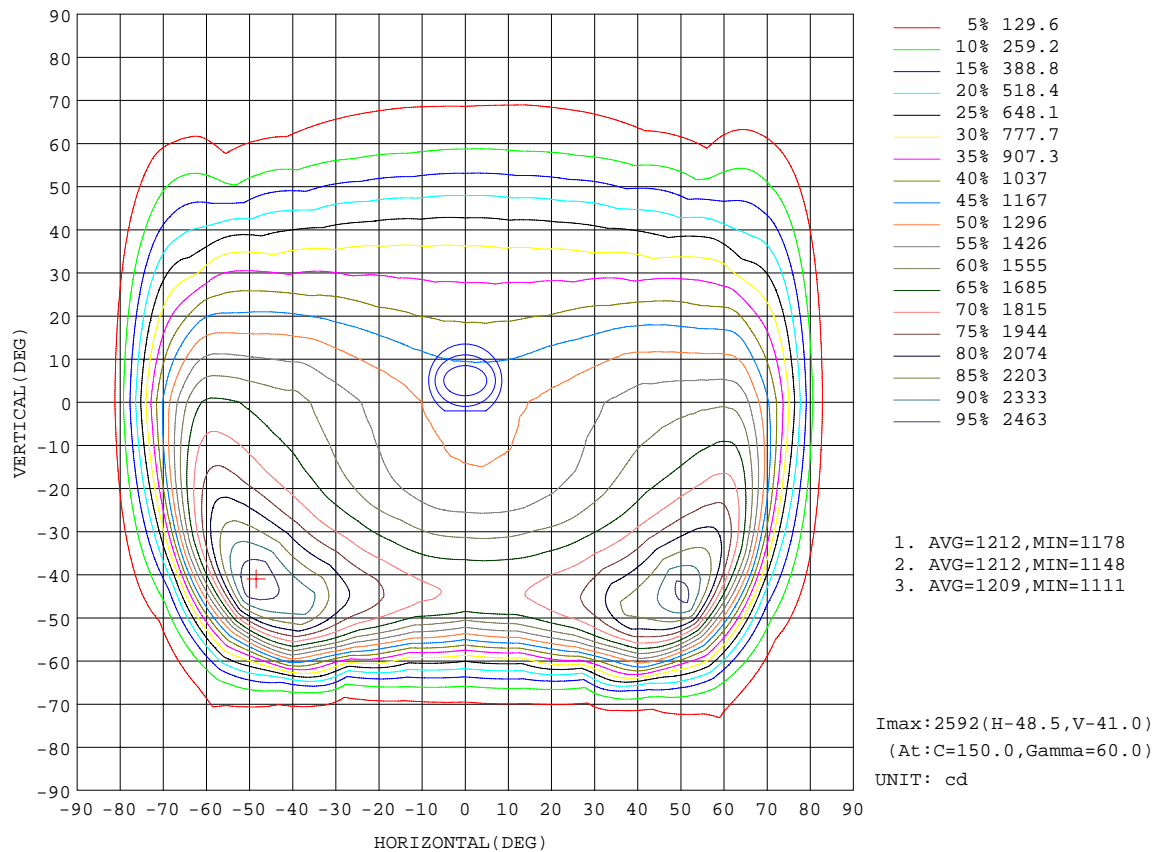
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1264	1274	1281	1302	1291	1207	1159	1194	0- 10	119.2	119.2	2.3,2.3
20	1327	1326	1335	1384	1383	1143	1015	1117	10- 20	354.1	473.3	9.14,9.14
30	1400	1441	1524	1520	1483	1033	874.0	1007	20- 30	586.6	1060	20.5,20.5
40	1484	1658	1756	1793	1604	875.4	708.8	858.0	30- 40	824.2	1884	36.4,36.4
50	1514	1994	1597	2185	1658	656.8	465.9	655.8	40- 50	1038	2922	56.4,56.4
60	1533	2163	653.1	2270	1695	335.6	233.6	356.4	50- 60	1114	4035	77.9,77.9
70	1184	937.2	121.6	713.3	1178	117.2	106.1	131.6	60- 70	845.7	4881	94.3,94.3
80	300.2	67.50	37.80	55.10	195.7	28.15	13.84	35.36	70- 80	269.0	5150	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	27.96	5178	100,100
100	0	0	0	0	0	0	0	0	90-100	0	5178	100,100
110	0	0	0	0	0	0	0	0	100-110	0	5178	100,100
120	0	0	0	0	0	0	0	0	110-120	0	5178	100,100
130	0	0	0	0	0	0	0	0	120-130	0	5178	100,100
140	0	0	0	0	0	0	0	0	130-140	0	5178	100,100
150	0	0	0	0	0	0	0	0	140-150	0	5178	100,100
160	0	0	0	0	0	0	0	0	150-160	0	5178	100,100
170	0	0	0	0	0	0	0	0	160-170	0	5178	100,100
180	0	0	0	0	0	0	0	0	170-180	0	5178	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

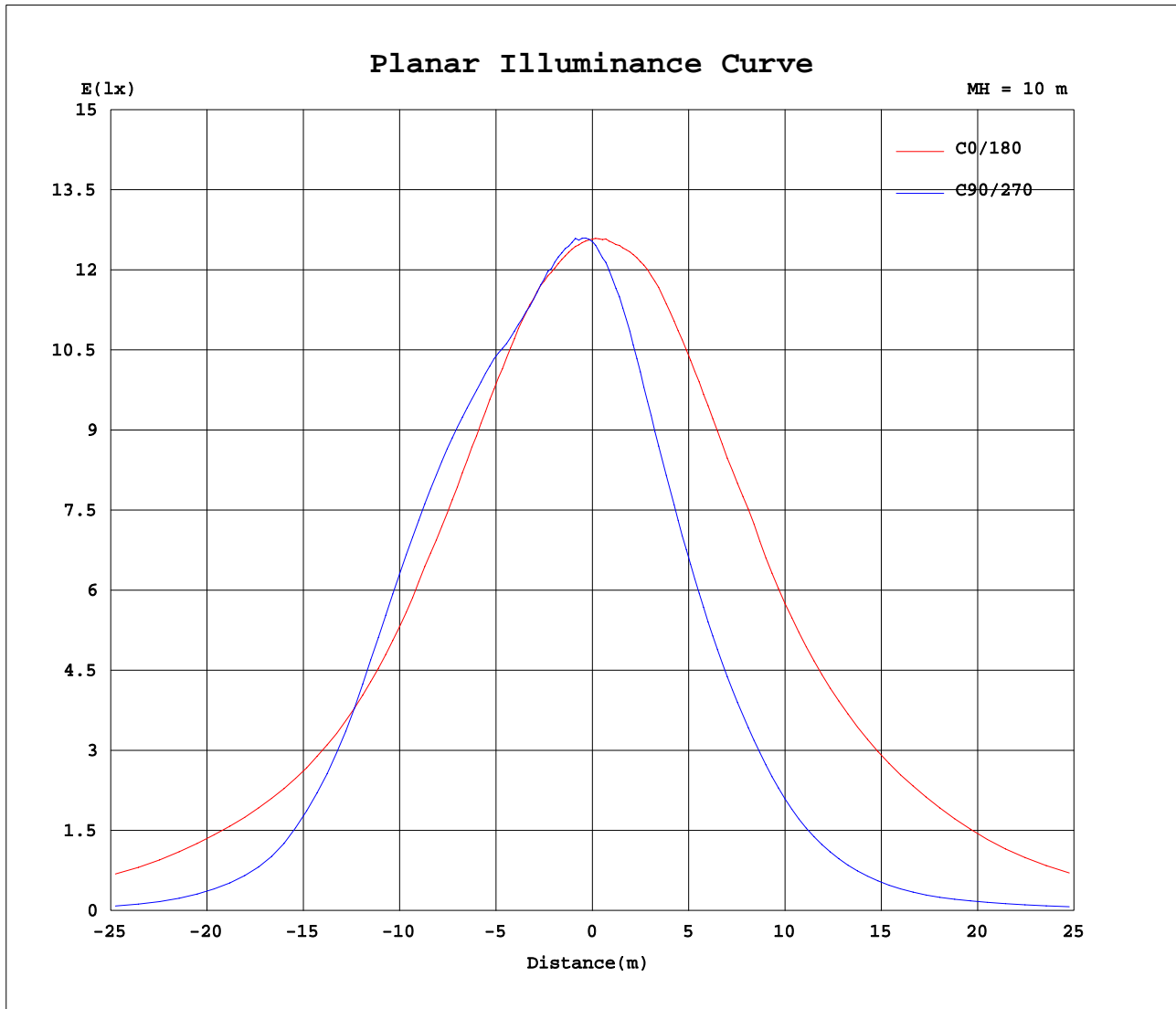
Test:U:219.2V I:0.1439A P:30.48W PF:0.9662 Freq:50.00Hz Lamp Flux:5178.08x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-30WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:



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



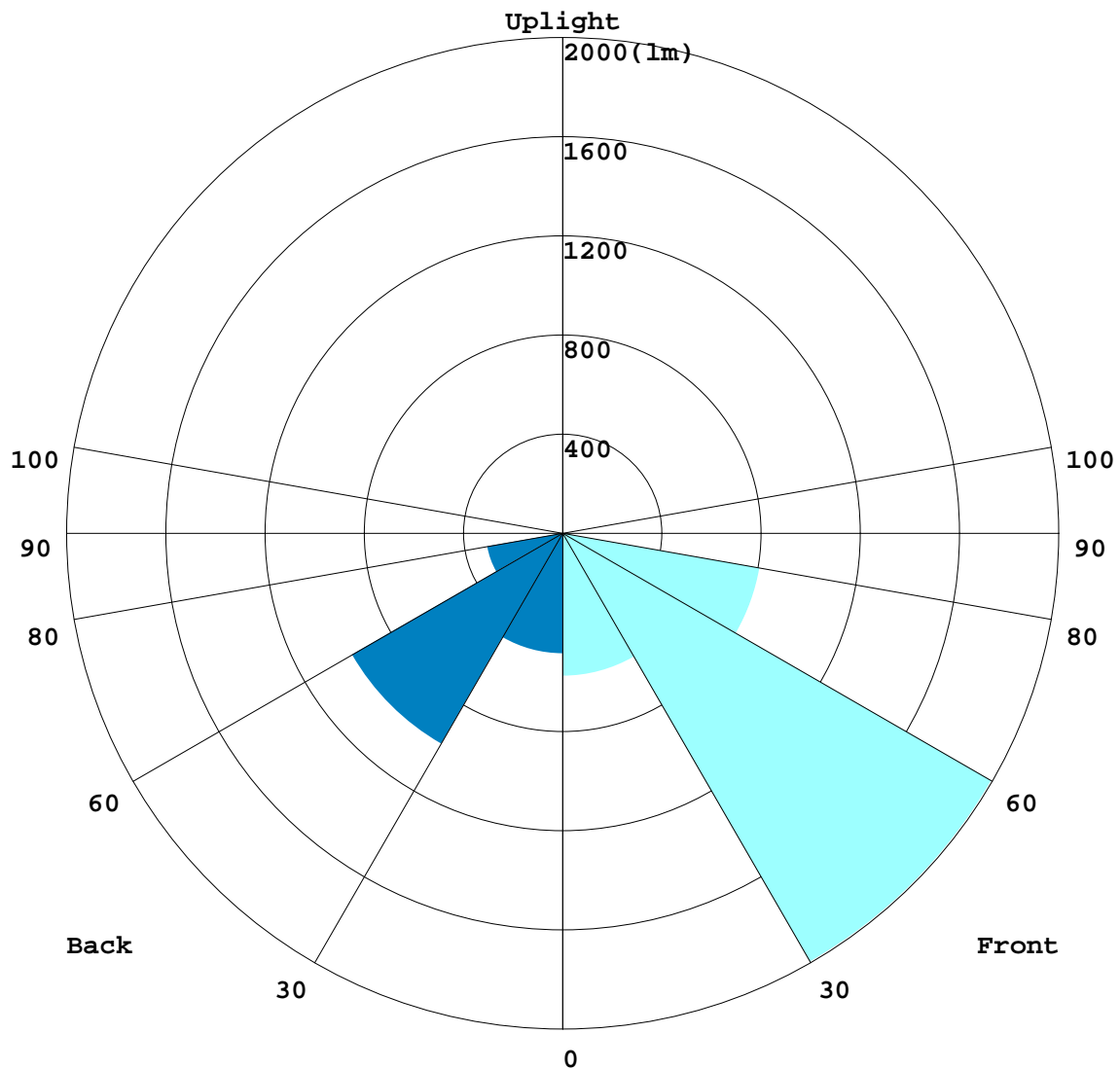
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-9-13

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:0.1439A P:30.48W PF:0.9662 Freq:50.00Hz Lamp Flux:5178.08x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-30WiLF-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:0.1439A P:30.48W PF:0.9662 Freq:50.00Hz Lamp Flux:5178.08x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-30WiLF-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)	575.14	11.1
FM - Front-Medium(30-60)	1995.3	38.5
FH - Front-High(60-80)	806.01	15.6
FVH - Front-Very High(80-90)	16.898	0.3
Total Forward Light	3393.4	65.5

BL - Back-Low(0-30)	484.78	9.4
BM - Back-Medium(30-60)	980.17	18.9
BH - Back-High(60-80)	308.67	6.0
BVH - Back-Very High(80-90)	11.066	0.2
Total Back Light	1784.7	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	B1-U0-G1
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1784.7	0	1784.7
Street Side	3393.4	0	3393.4

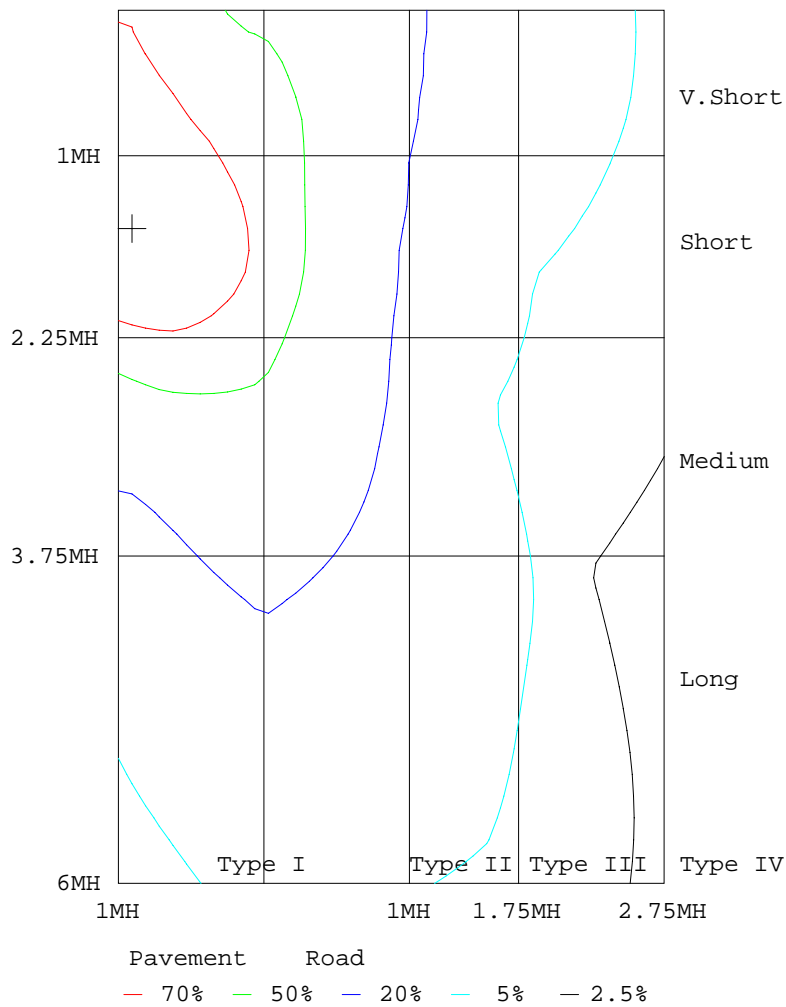
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-9-13

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:0.1439A P:30.48W PF:0.9662 Freq:50.00Hz Lamp Flux:5178.08x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-30WiLF-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:0.1439A P:30.48W PF:0.9662 Freq:50.00Hz Lamp Flux:5178.08x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-30WiLF-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	1252	1252	1252	1252	1252	1252	1252	1252	1252	1252	1252	1252	1252	1252	1252	1252	1252	1252	1252
5	1253	1261	1264	1265	1266	1271	1273	1275	1278	1277	1271	1269	1263	1254	1245	1229	1222	1216	1212
10	1264	1272	1278	1274	1277	1280	1281	1289	1296	1302	1303	1302	1291	1266	1240	1207	1183	1166	1159
15	1294	1303	1302	1292	1295	1296	1300	1309	1319	1336	1349	1353	1336	1295	1242	1180	1132	1099	1087
20	1327	1346	1343	1326	1321	1328	1335	1344	1355	1384	1400	1405	1383	1319	1238	1143	1073	1029	1015
25	1358	1384	1383	1371	1373	1397	1414	1419	1432	1440	1451	1457	1430	1338	1219	1090	1010	958	943
30	1400	1430	1425	1441	1472	1506	1524	1529	1539	1520	1517	1523	1483	1357	1191	1033	941	889	874
35	1438	1486	1497	1530	1588	1620	1647	1646	1664	1645	1616	1598	1536	1372	1146	960	864	814	797
40	1484	1546	1593	1658	1714	1743	1756	1773	1797	1793	1725	1674	1604	1361	1079	875	779	726	709
45	1498	1611	1713	1814	1836	1798	1783	1843	1948	1974	1885	1755	1619	1322	988	778	676	607	592
50	1514	1688	1894	1994	1893	1698	1597	1726	2006	2185	2099	1866	1658	1259	873	657	535	476	466
55	1525	1805	2146	2178	1752	1344	1169	1362	1822	2367	2384	2006	1693	1174	737	494	392	345	342
60	1533	1947	2437	2163	1342	792	653	778	1359	2270	2598	2114	1695	1055	572	336	263	232	234
65	1455	1970	2437	1738	644	383	306	357	577	1696	2249	1935	1525	826	362	201	169	168	172
70	1184	1506	1503	937	203	140	122	126	167	713	1197	1250	1178	595	177	117	122	118	106
75	785	574	582	184	80.2	77.2	62.2	73.5	73.5	152	404	356	675	360	89.4	72.4	80.6	55.8	44.1
80	300	116	147	67.5	43.2	41.2	37.8	39.5	38.0	55.1	130	56.0	196	142	38.2	28.1	47.1	29.9	13.8
85	44.7	19.4	67.7	19.6	16.4	19.8	17.0	17.9	13.0	13.5	31.2	12.1	13.7	16.1	7.35	7.19	8.99	8.35	2.09
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:0.1439A P:30.48W PF:0.9662 Freq:50.00Hz Lamp Flux:5178.08x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-30WiLF-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	1252	1252	1252	1252	1252													
5	1211	1219	1223	1231	1241													
10	1164	1177	1194	1216	1243													
15	1095	1122	1160	1204	1256													
20	1024	1059	1117	1196	1273													
25	954	993	1067	1175	1281													
30	883	927	1007	1139	1290													
35	807	852	939	1095	1295													
40	721	770	858	1031	1286													
45	605	671	766	947	1247													
50	478	539	656	842	1185													
55	352	404	508	720	1099													
60	240	280	356	575	990													
65	174	181	224	389	838													
70	126	130	132	197	589													
75	60.2	93.8	79.0	100	394													
80	33.6	52.5	35.4	46.2	167													
85	13.6	13.5	10.9	10.6	27.7													
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: