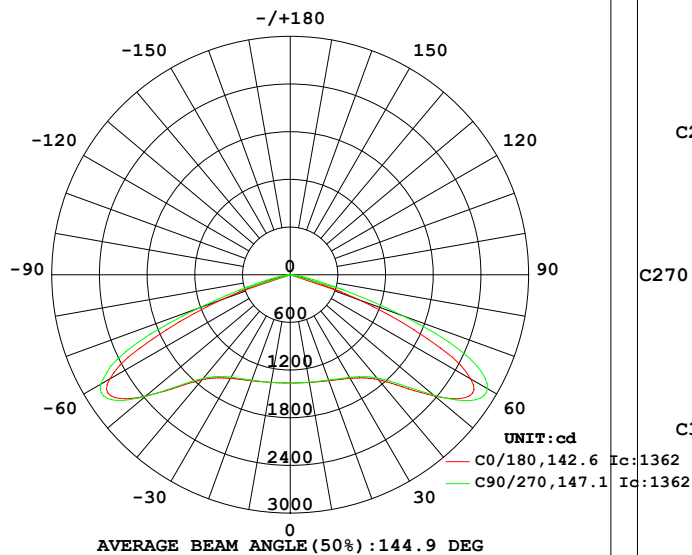
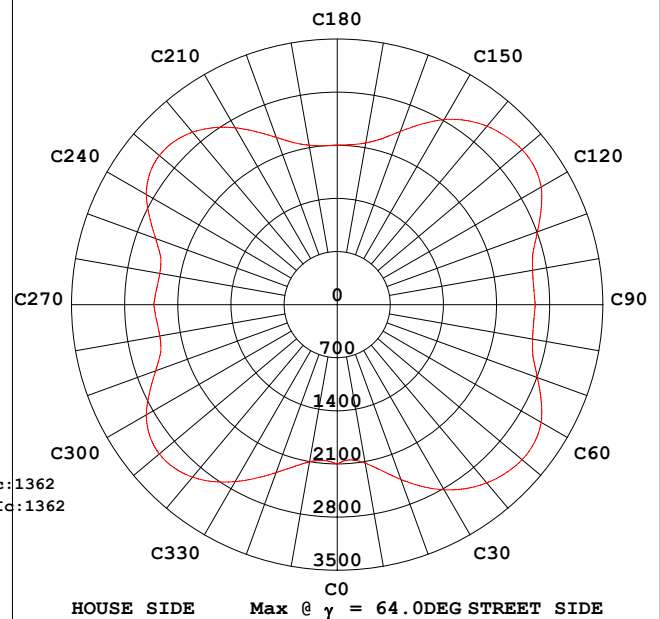


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.3499A P:74.70W PF:0.9738 Freq:49.99Hz Lamp Flux:9108.78x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 121.94 lm/W			
MODEL	3030	I _{max} (cd)	3138	η street_up (%)	0.0
NOMINAL POWER (W)	75	LOR (%)	100.0	η street_down (%)	50.9
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	9109	η house_up (%)	0.0
NOMINAL FLUX (lm)	9108.78	MAXIMUM @ (C, γ)	45,64.0	η house_down (%)	49.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	17.006

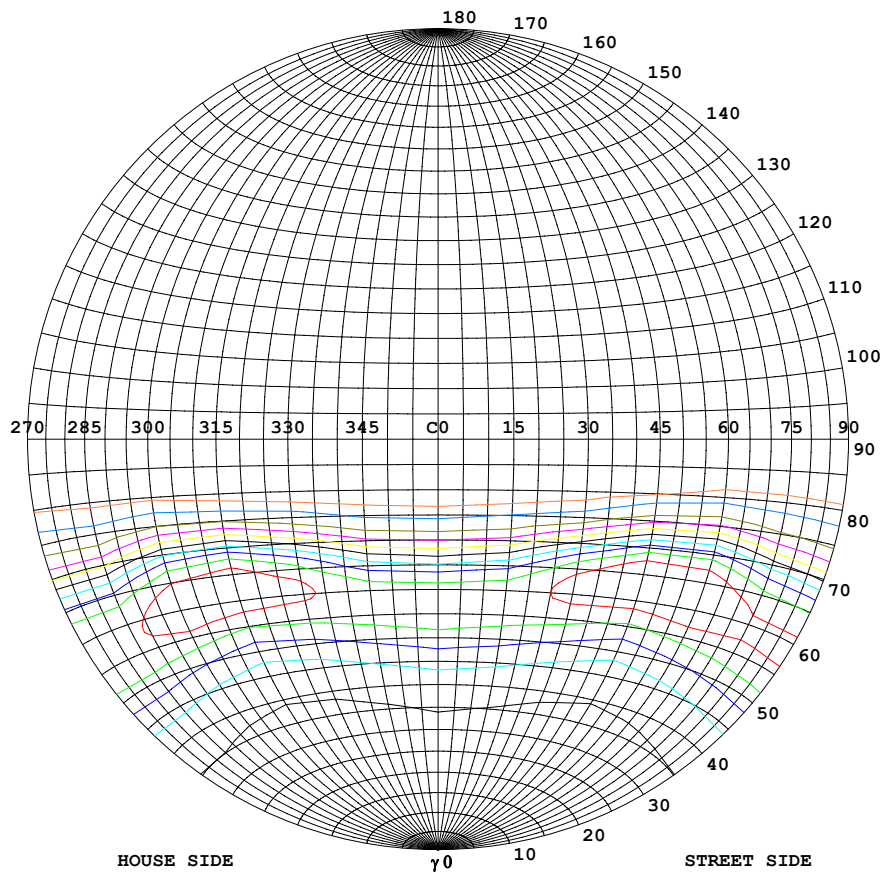
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.2V I:0.3499A P:74.70W PF:0.9738 Freq:49.99Hz Lamp Flux:9108.78x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T501-P	DIM.: $\phi 0.46 \times 0.08\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297\text{M}$	Shielding Angle:



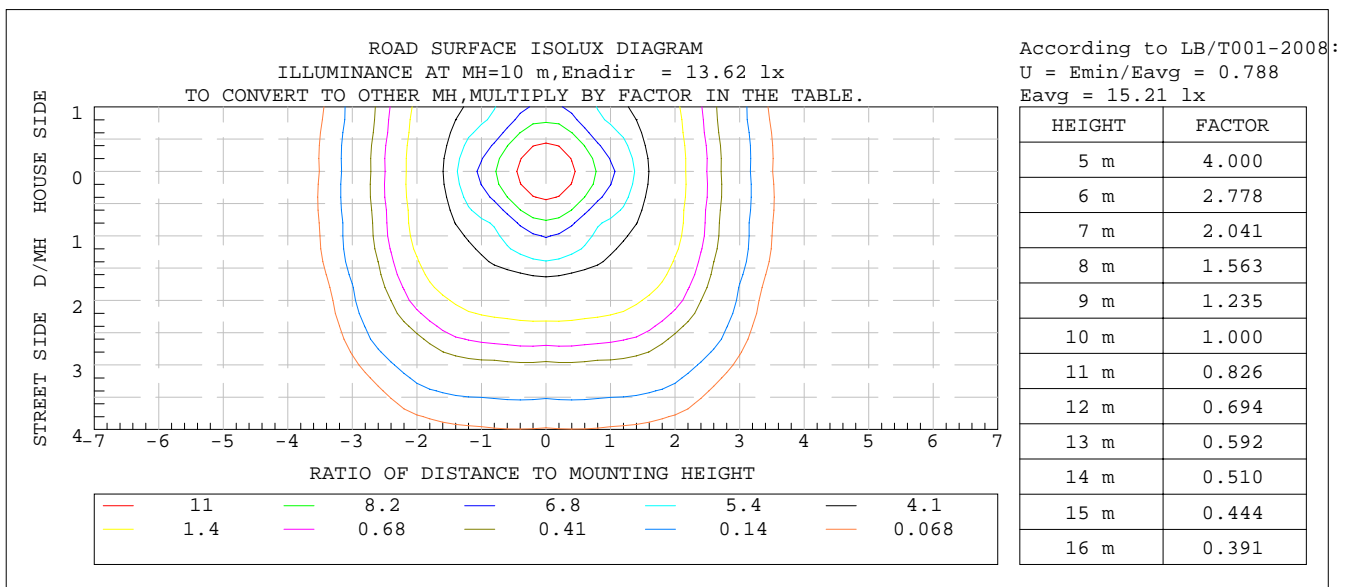
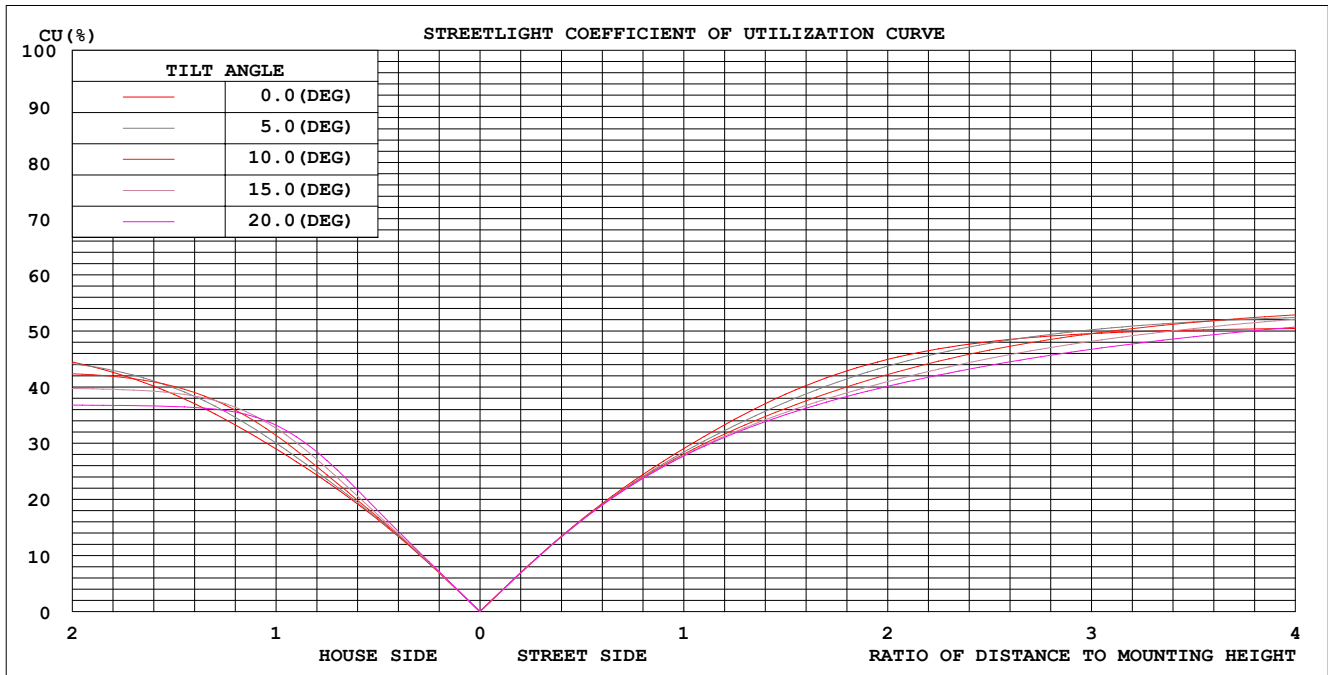
Classification:

IES:Type VS - Short
CIE:Broad - Intermediate
IES:Full cut-off
CIE:Full cut-off
Max.At80:25.76cd/klm
Max.At90:0cd/klm
Max.80-90:25.76cd/klm
NRB 5101:Limited[2.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3138
90%	2824
80%	2510
70%	2196
60%	1883
50%	1569
40%	1255
30%	941
20%	628
10%	314
5%	157

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [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:
Test Date: 2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.2V I:0.3499A P:74.70W PF:0.9738 Freq:49.99Hz Lamp Flux:9108.78x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

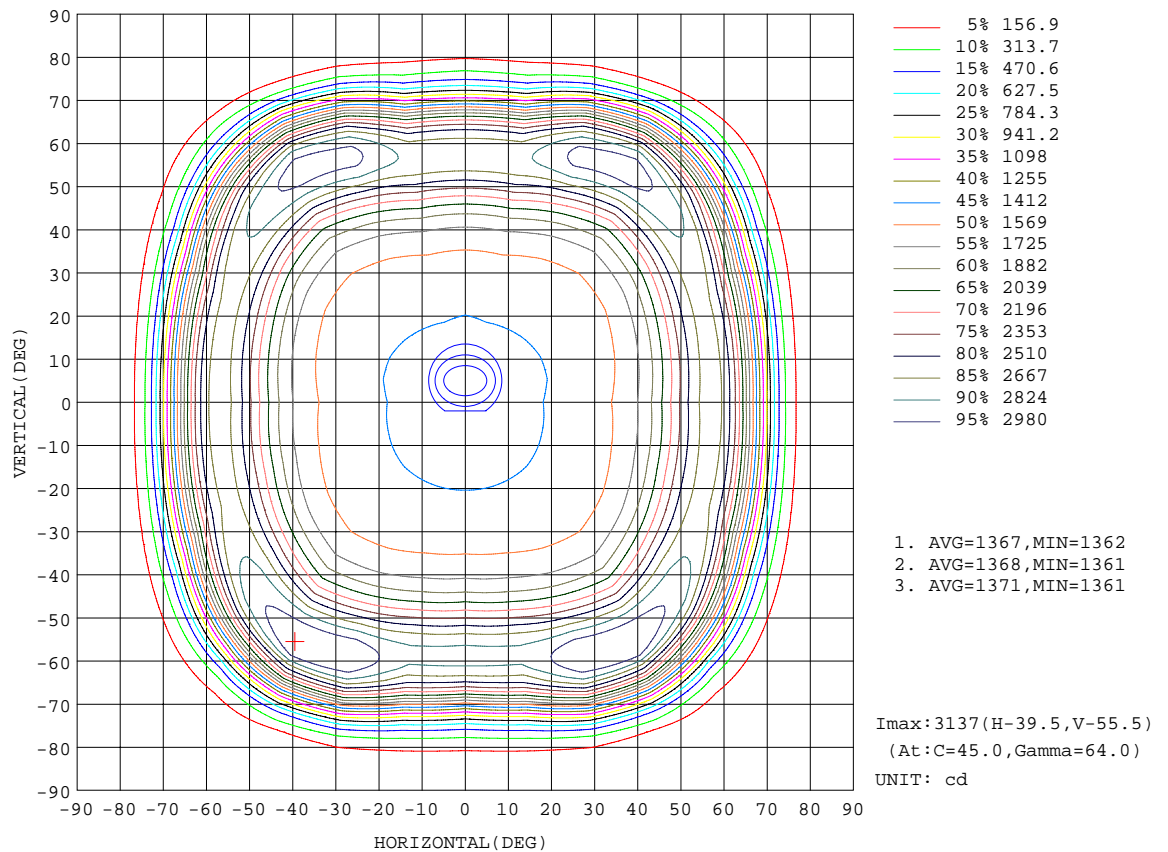
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1376	1374	1373	1374	1376	1378	1375	1378	0- 10	130.7	130.7	1.43,1.43
20	1419	1409	1410	1409	1419	1413	1412	1413	10- 20	395.4	526.0	5.78,5.78
30	1506	1464	1492	1464	1506	1464	1490	1464	20- 30	669.2	1195	13.1,13.1
40	1724	1584	1696	1584	1724	1590	1702	1590	30- 40	976.0	2171	23.8,23.8
50	2375	1990	2357	1990	2375	2031	2384	2031	40- 50	1468	3640	40,40
60	2622	2963	2866	2963	2622	3000	2756	3000	50- 60	2343	5982	65.7,65.7
70	922.2	2340	1506	2340	922.2	1976	1223	1976	60- 70	2402	8384	92,92
80	62.61	144.2	189.4	144.2	62.61	102.6	144.5	102.6	70- 80	683.2	9068	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	41.13	9109	100,100
100	0	0	0	0	0	0	0	0	90-100	0	9109	100,100
110	0	0	0	0	0	0	0	0	100-110	0	9109	100,100
120	0	0	0	0	0	0	0	0	110-120	0	9109	100,100
130	0	0	0	0	0	0	0	0	120-130	0	9109	100,100
140	0	0	0	0	0	0	0	0	130-140	0	9109	100,100
150	0	0	0	0	0	0	0	0	140-150	0	9109	100,100
160	0	0	0	0	0	0	0	0	150-160	0	9109	100,100
170	0	0	0	0	0	0	0	0	160-170	0	9109	100,100
180	0	0	0	0	0	0	0	0	170-180	0	9109	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

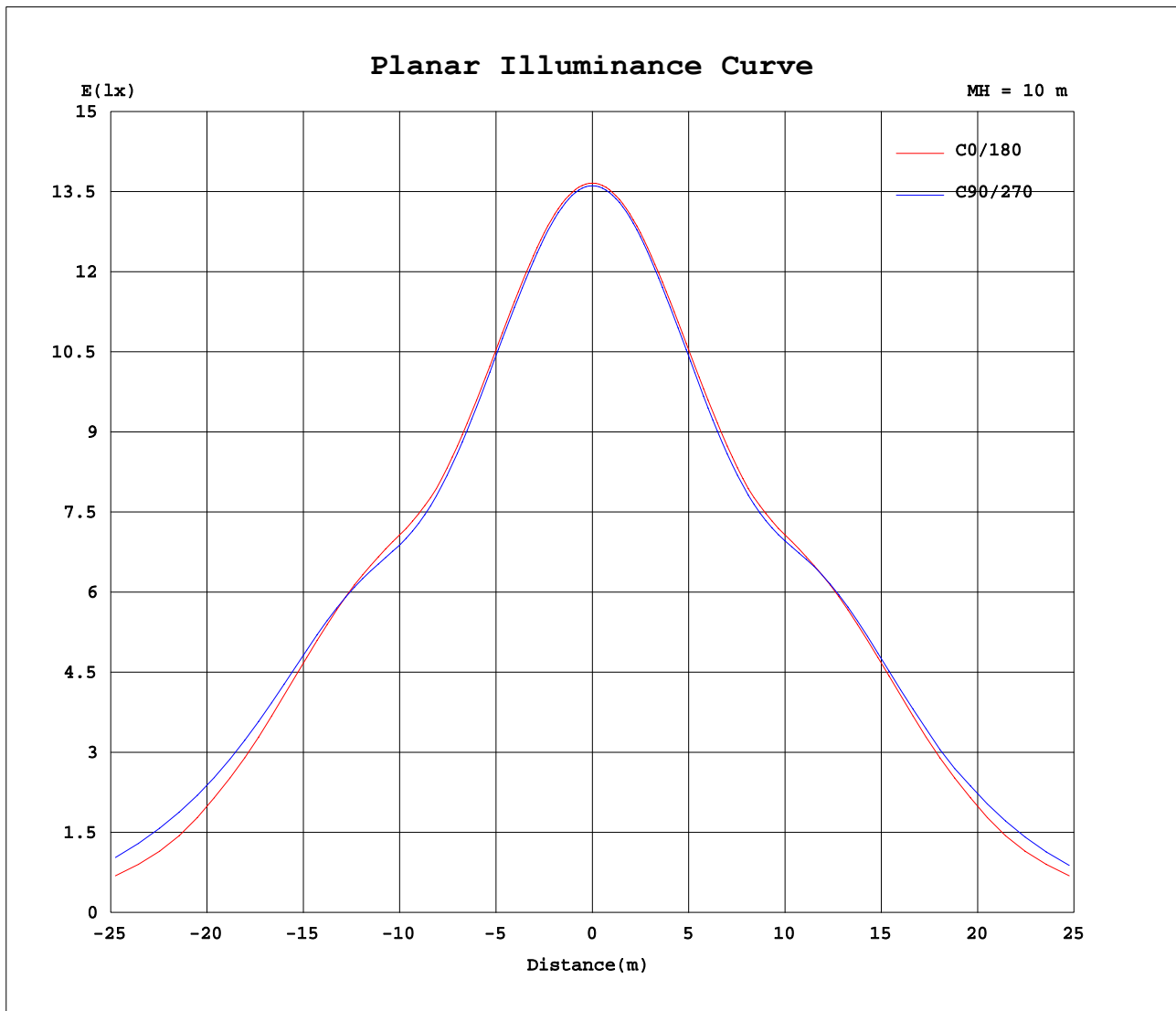
Test:U:219.2V I:0.3499A P:74.70W PF:0.9738 Freq:49.99Hz Lamp Flux:9108.78x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T501-P	DIM.: $\phi 0.46 \times 0.08\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297\text{M}$	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

Planar Illuminance Curve



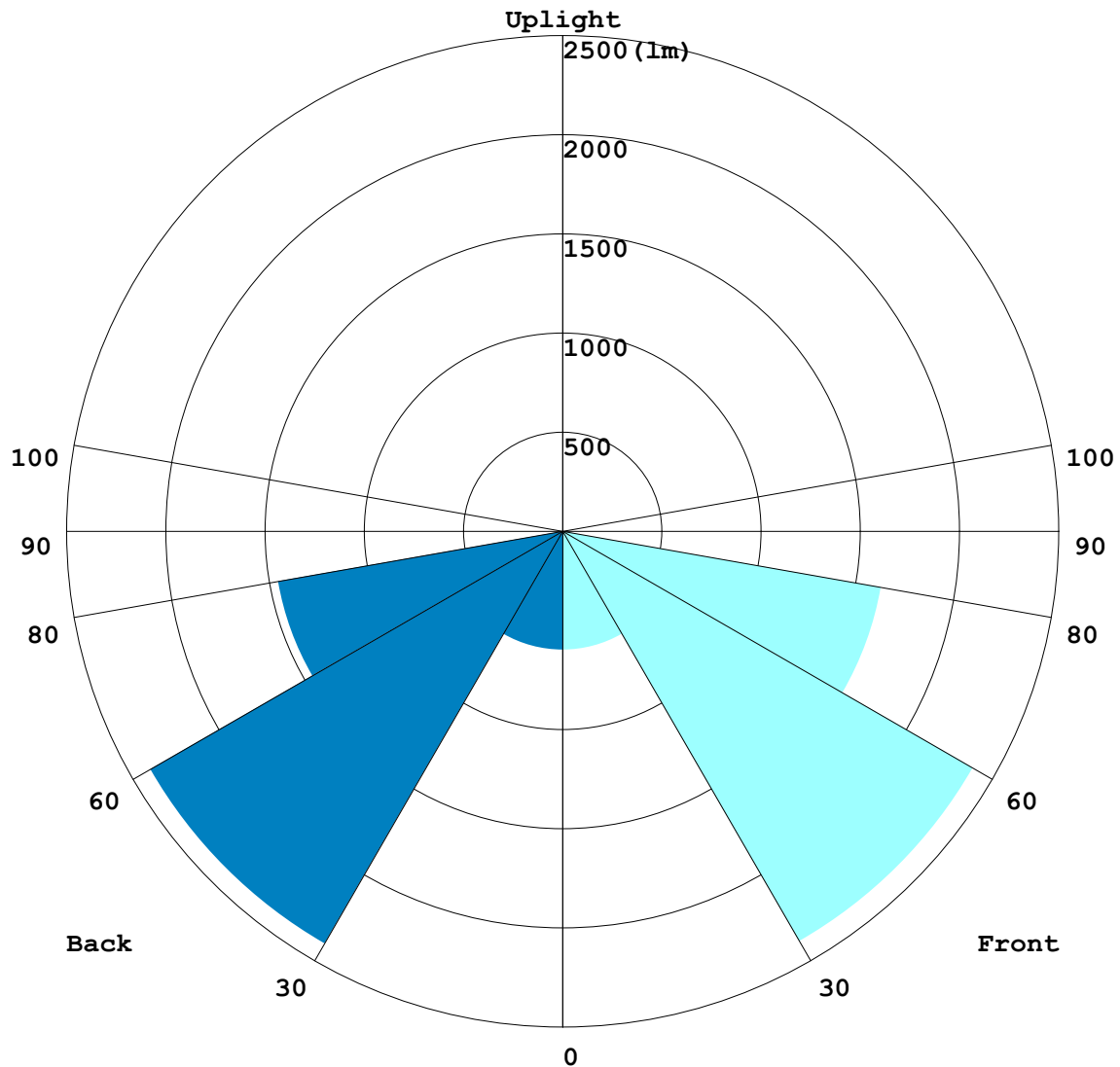
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

LCS REPORT

Test:U:219.2V I:0.3499A P:74.70W PF:0.9738 Freq:49.99Hz Lamp Flux:9108.78x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T501-P	DIM.: $\phi 0.46 \times 0.08\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297\text{M}$	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

BUG REPORT

Test:U:219.2V I:0.3499A P:74.70W PF:0.9738 Freq:49.99Hz Lamp Flux:9108.78x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	597.61	6.6
FM - Front-Medium(30-60)	2387	26.2
FH - Front-High(60-80)	1628.7	17.9
FVH - Front-Very High(80-90)	24.732	0.3
Total Forward Light	4638.1	50.9

BL - Back-Low(0-30)	597.62	6.6
BM - Back-Medium(30-60)	2400	26.3
BH - Back-High(60-80)	1456.7	16.0
BVH - Back-Very High(80-90)	16.395	0.2
Total Back Light	4470.7	49.1

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	B3-U0-G1
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4470.7	0	4470.7
Street Side	4638.1	0	4638.1

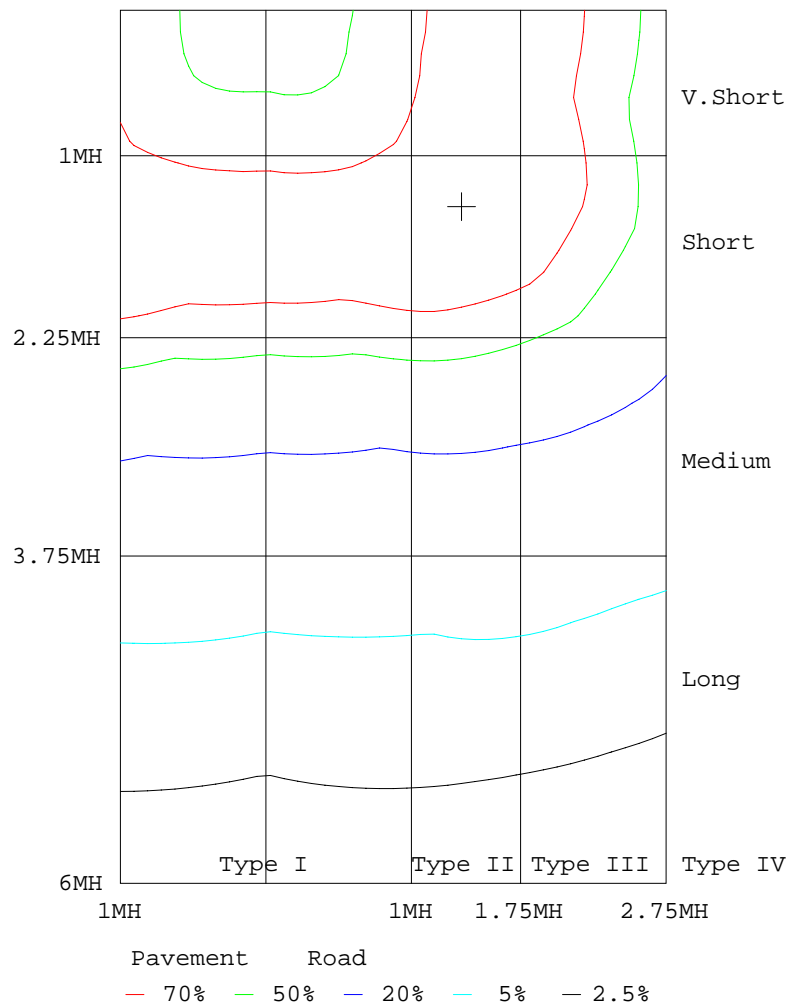
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.2V I:0.3499A P:74.70W PF:0.9738 Freq:49.99Hz Lamp Flux:9108.78x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.2V I:0.3499A P:74.70W PF:0.9738 Freq:49.99Hz Lamp Flux:9108.78x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 \times \phi 0.297M$	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	1362	1362	1362	1362	1362	1362	1362	1362	1362	1362	1362	1362	1362	1362	1362	1362	1362	1362	1362
5	1366	1366	1365	1366	1365	1365	1365	1365	1365	1366	1365	1366	1366	1366	1366	1367	1366	1366	1365
10	1376	1376	1375	1374	1374	1373	1373	1373	1374	1374	1375	1376	1376	1377	1376	1378	1378	1378	1375
15	1394	1392	1391	1390	1389	1387	1388	1387	1389	1390	1391	1392	1394	1394	1393	1394	1394	1394	1390
20	1419	1415	1412	1409	1410	1410	1410	1410	1410	1409	1412	1415	1419	1415	1412	1413	1415	1417	1412
25	1455	1448	1438	1432	1437	1442	1445	1442	1437	1432	1438	1448	1455	1444	1435	1434	1441	1449	1444
30	1506	1493	1474	1464	1472	1485	1492	1485	1472	1464	1474	1493	1506	1487	1469	1464	1476	1494	1490
35	1585	1561	1527	1508	1525	1553	1566	1553	1525	1508	1527	1561	1585	1552	1520	1510	1533	1568	1563
40	1724	1690	1621	1584	1615	1668	1696	1668	1615	1584	1621	1690	1724	1670	1609	1590	1636	1706	1702
45	1995	1933	1812	1722	1793	1890	1948	1890	1793	1722	1812	1933	1995	1901	1789	1742	1841	1973	1970
50	2375	2304	2157	1990	2131	2277	2357	2277	2131	1990	2157	2304	2375	2276	2119	2031	2214	2386	2384
55	2693	2643	2597	2447	2634	2708	2761	2708	2634	2447	2597	2643	2693	2644	2583	2533	2728	2742	2742
60	2622	2652	2903	2963	3065	2859	2866	2859	3065	2963	2903	2652	2622	2663	2865	3000	3030	2736	2756
65	1902	2095	2718	3118	3049	2580	2492	2580	3049	3118	2718	2095	1902	2033	2577	2967	2811	2258	2275
70	922	1067	1655	2340	2332	1732	1506	1732	2332	2340	1655	1067	922	1010	1522	1976	1844	1198	1223
75	253	324	456	878	984	665	564	665	984	878	456	324	253	282	423	598	621	422	454
80	62.6	71.8	92.4	144	235	206	189	206	235	144	92.4	71.8	62.6	68.1	78.0	103	135	127	144
85	21.4	22.4	20.1	20.8	43.2	52.2	44.3	52.2	43.2	20.8	20.1	22.4	21.4	20.0	18.0	14.4	18.3	22.3	29.3
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:
 Test Date: 2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.801m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.2V I:0.3499A P:74.70W PF:0.9738 Freq:49.99Hz Lamp Flux:9108.78x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 \times \phi 0.297M$	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1362	1362	1362	1362	1362														
5	1366	1366	1367	1366	1366														
10	1378	1378	1378	1376	1377														
15	1394	1394	1394	1393	1394														
20	1417	1415	1413	1412	1415														
25	1449	1441	1434	1435	1444														
30	1494	1476	1464	1469	1487														
35	1568	1533	1510	1520	1552														
40	1706	1636	1590	1609	1670														
45	1973	1841	1742	1789	1901														
50	2386	2214	2031	2119	2276														
55	2742	2728	2533	2583	2644														
60	2736	3030	3000	2865	2663														
65	2258	2811	2967	2577	2033														
70	1198	1844	1976	1522	1010														
75	422	621	598	423	282														
80	127	135	103	78.0	68.1														
85	22.3	18.3	14.4	18.0	20.0														
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:
Test Date:2019-06-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks: