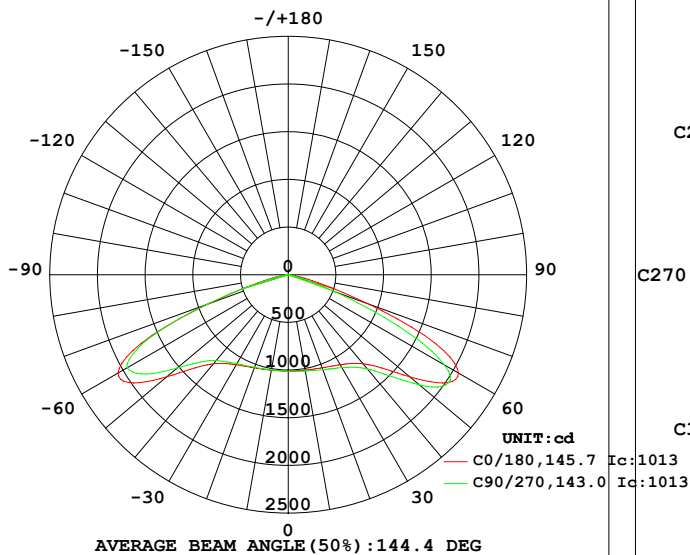
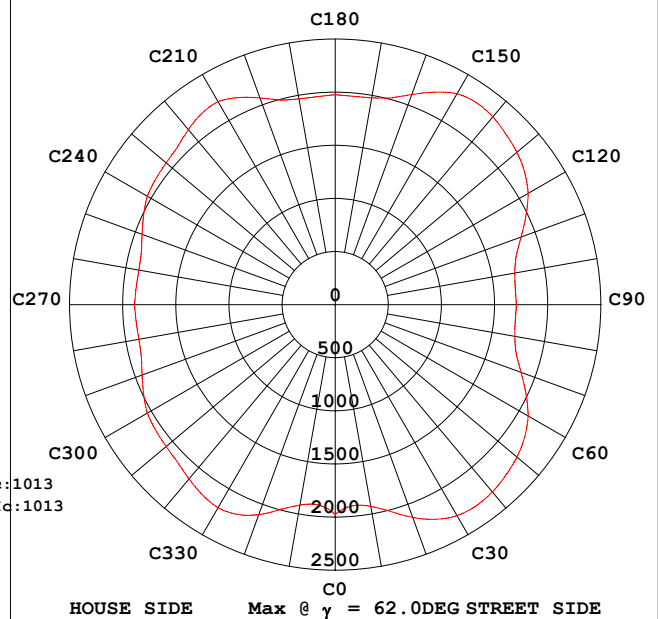


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.2V I:0.2342A P:50.30W PF:0.9752 Freq:49.99Hz Lamp Flux:6524.7x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-50WiP-NV-L3-00-4070-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: 129.72 lm/W			
MODEL	3030	I <sub>max</sub> (cd)	2293	$\eta$ street_up (%)	0.0
NOMINAL POWER (W)	50	LOR (%)	100.0	$\eta$ street_down (%)	49.9
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	6525	$\eta$ house_up (%)	0.0
NOMINAL FLUX (lm)	6524.7	MAXIMUM @ (C, $\gamma$ )	150,62.0	$\eta$ house_down (%)	50.1
LAMPS INSIDE	1	$\eta$ up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	SLI	18.060

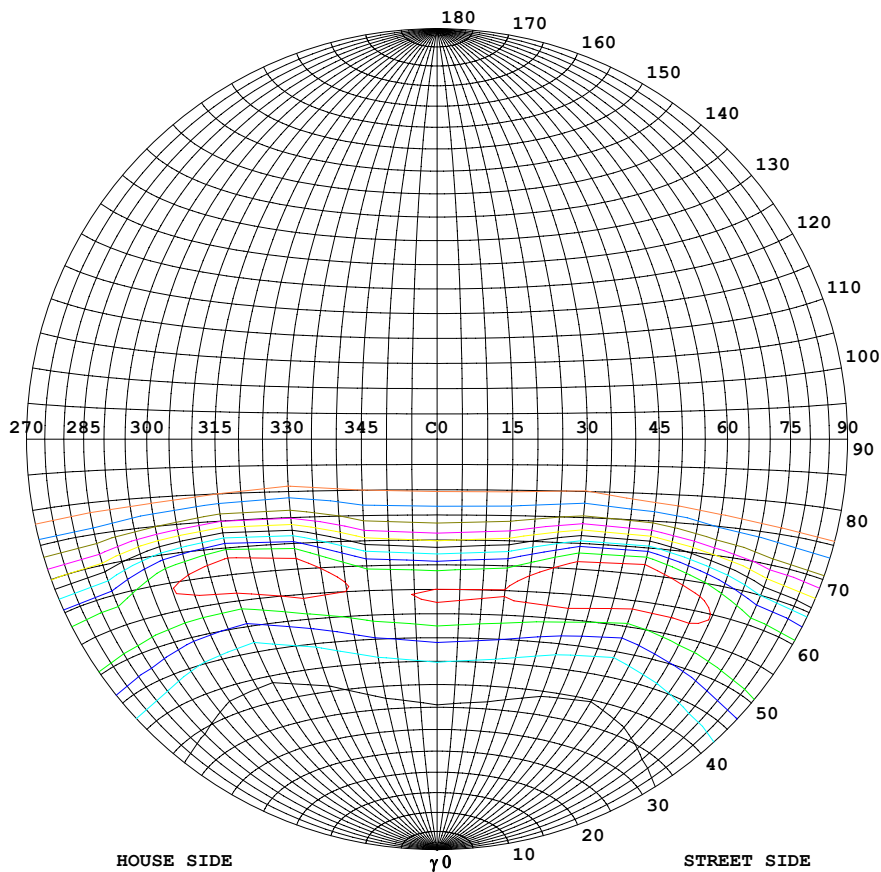
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-02-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.684m [K=1.0000]  
 Remarks:

## STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.2V I:0.2342A P:50.30W PF:0.9752 Freq:49.99Hz Lamp Flux:6524.7x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-50WiP-NV-L3-00-4070-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:



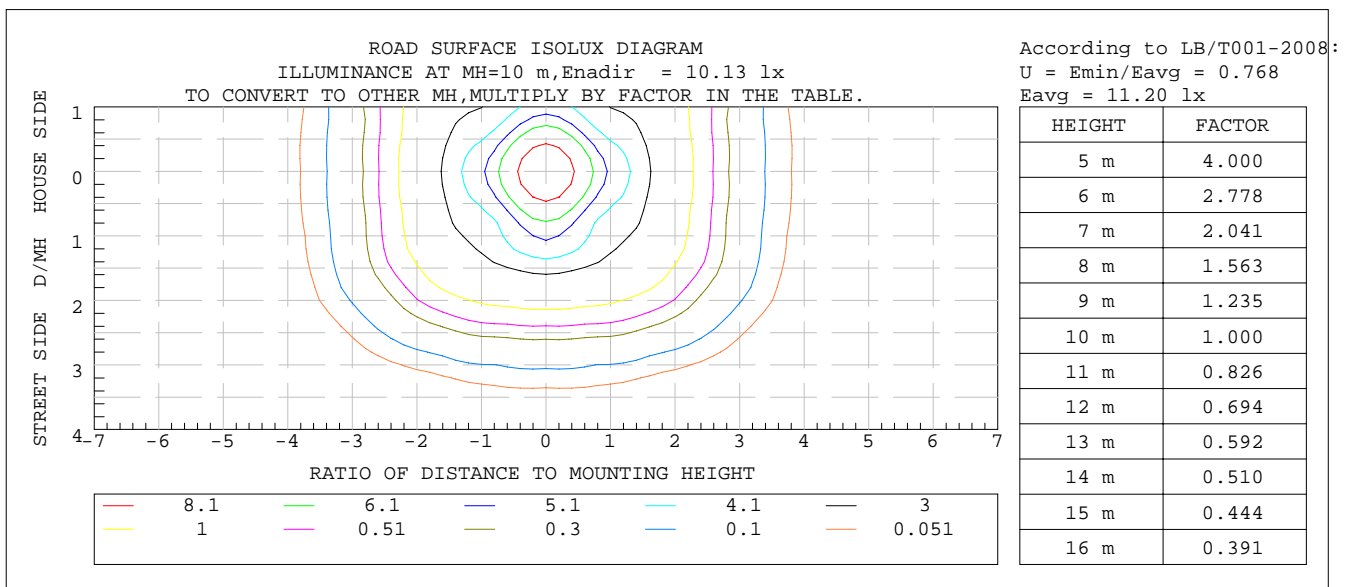
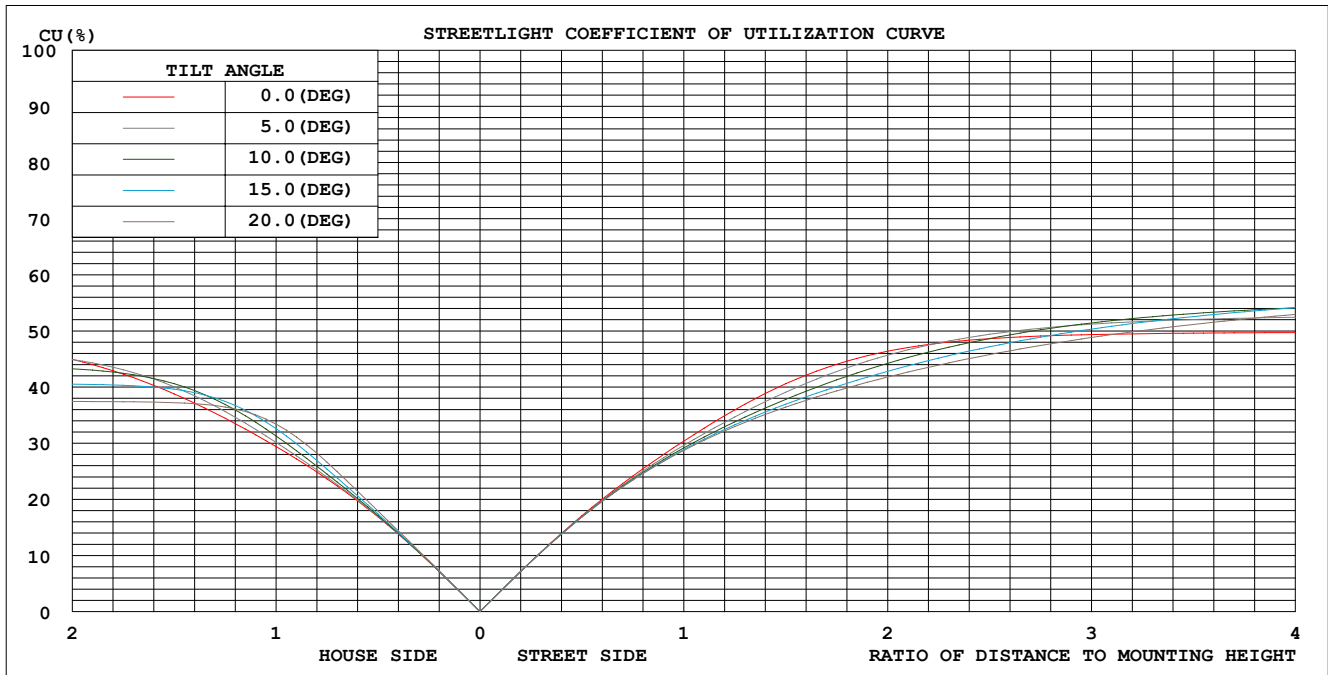
## Classification:

IES:Type III - Short  
 CIE:Broad - Intermediate  
 IES:Full cut-off  
 CIE:Full cut-off  
 Max.At80:24.13cd/klm  
 Max.At90:0cd/klm  
 Max.80-90:24.13cd/klm  
 NRB 5101:Limited[5.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	2293
90%	2064
80%	1834
70%	1605
60%	1376
50%	1146
40%	917
30%	688
20%	459
10%	229
5%	115

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-02-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.684m [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: 2019-02-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 7.684m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

Test:U:220.2V I:0.2342A P:50.30W PF:0.9752 Freq:49.99Hz Lamp Flux:6524.7x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-50WiP-NV-L3-00-4070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

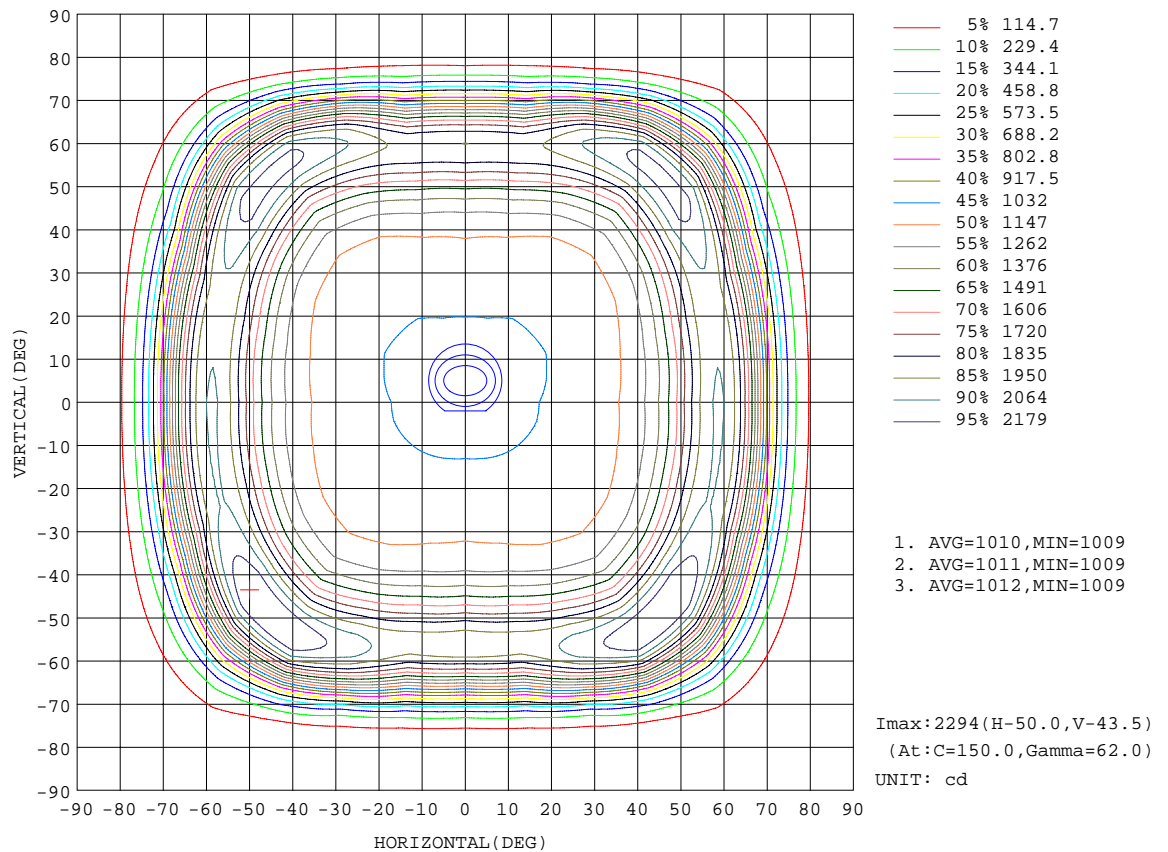
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	1016	1020	1025	1020	1016	1013	1012	1013	0- 10	96.78	96.78	1.48,1.48
20	1039	1043	1059	1043	1039	1028	1034	1028	10- 20	291.3	388.1	5.95,5.95
30	1091	1073	1125	1073	1091	1051	1078	1051	20- 30	489.7	877.8	13.5,13.5
40	1219	1150	1290	1150	1219	1104	1175	1104	30- 40	704.1	1582	24.2,24.2
50	1667	1431	1796	1431	1667	1297	1521	1297	40- 50	1024	2606	39.9,39.9
60	2060	2175	1890	2175	2060	1961	1953	1961	50- 60	1637	4243	65,65
70	886.2	1457	523.7	1457	886.2	1785	904.8	1785	60- 70	1760	6004	92,92
80	103.2	54.40	29.73	54.40	103.2	114.1	60.46	114.1	70- 80	495.3	6499	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	25.82	6525	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-02-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.684m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

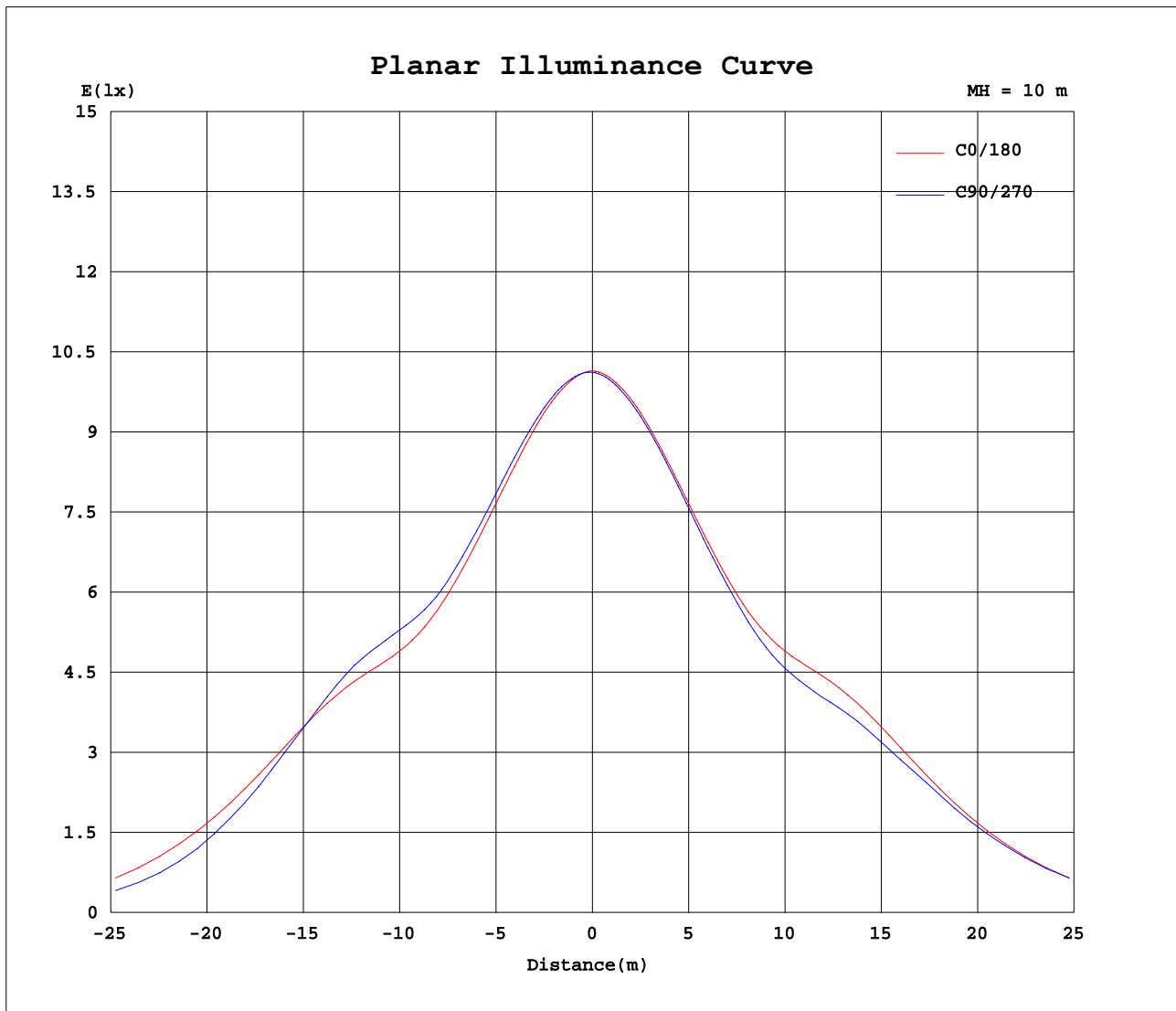
Test:U:220.2V I:0.2342A P:50.30W PF:0.9752 Freq:49.99Hz Lamp Flux:6524.7x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-50WiP-NV-L3-00-4070-T501-P	DIM.: $\phi 0.46 \times 0.08\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297\text{M}$	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2019-02-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 7.684m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



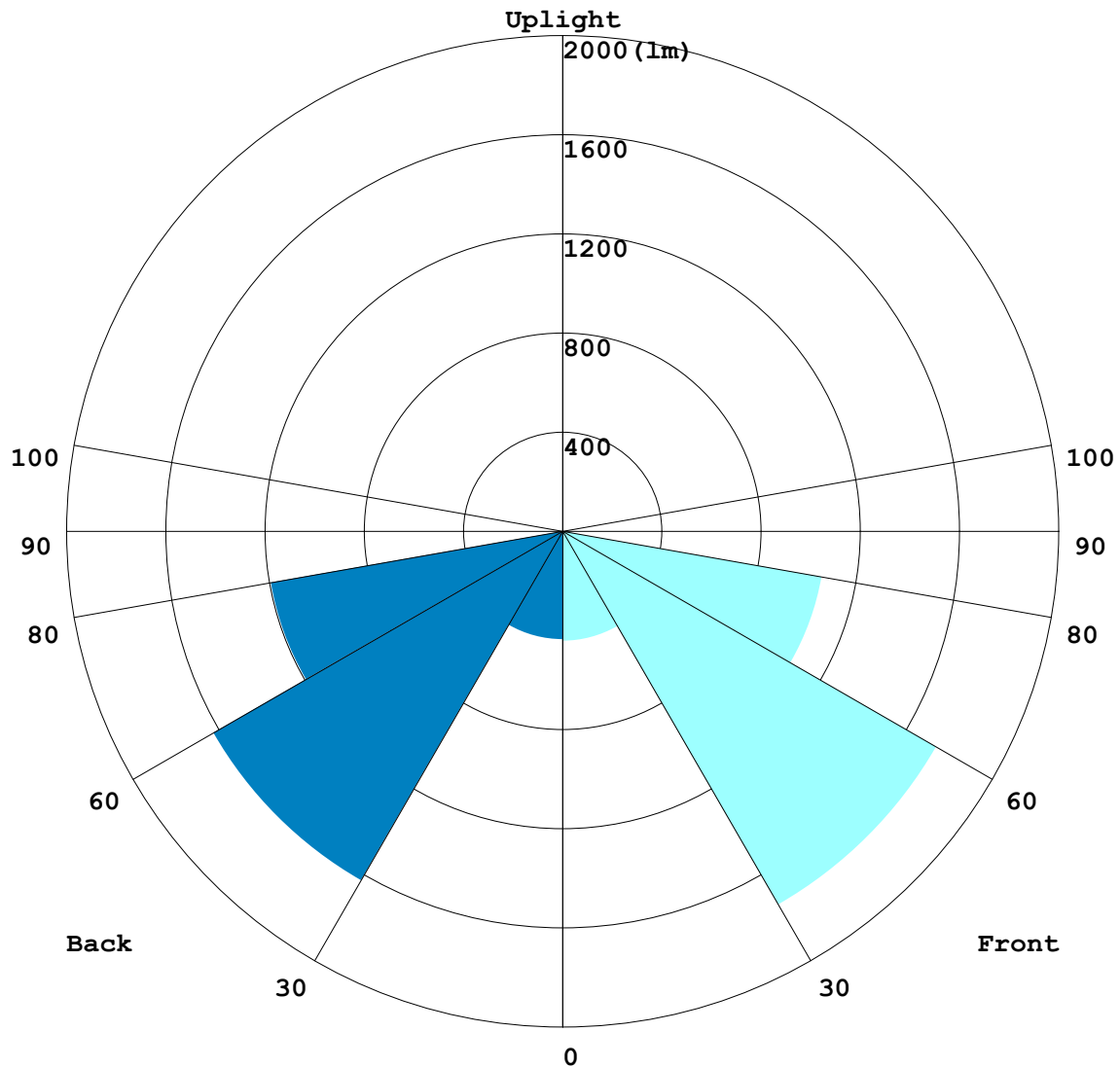
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2019-02-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 7.684m [K=1.0000]  
Remarks:

## LCS REPORT

Test:U:220.2V I:0.2342A P:50.30W PF:0.9752 Freq:49.99Hz Lamp Flux:6524.7x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-50WiP-NV-L3-00-4070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2019-02-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 7.684m [K=1.0000]  
Remarks:

### BUG REPORT

Test:U:220.2V I:0.2342A P:50.30W PF:0.9752 Freq:49.99Hz Lamp Flux:6524.7x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-50WiP-NV-L3-00-4070-T501-P	DIM.: $\phi$ 0.46*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)	442.21	6.8
FM - Front-Medium(30-60)	1739.5	26.7
FH - Front-High(60-80)	1060.5	16.3
FVH - Front-Very High(80-90)	10.71	0.2
Total Forward Light	3252.9	49.9

BL - Back-Low(0-30)	435.6	6.7
BM - Back-Medium(30-60)	1626.2	24.9
BH - Back-High(60-80)	1194.9	18.3
BVH - Back-Very High(80-90)	15.109	0.2
Total Back Light	3271.8	50.1

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-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3271.8	0	3271.8
Street Side	3252.9	0	3252.9

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2019-02-22

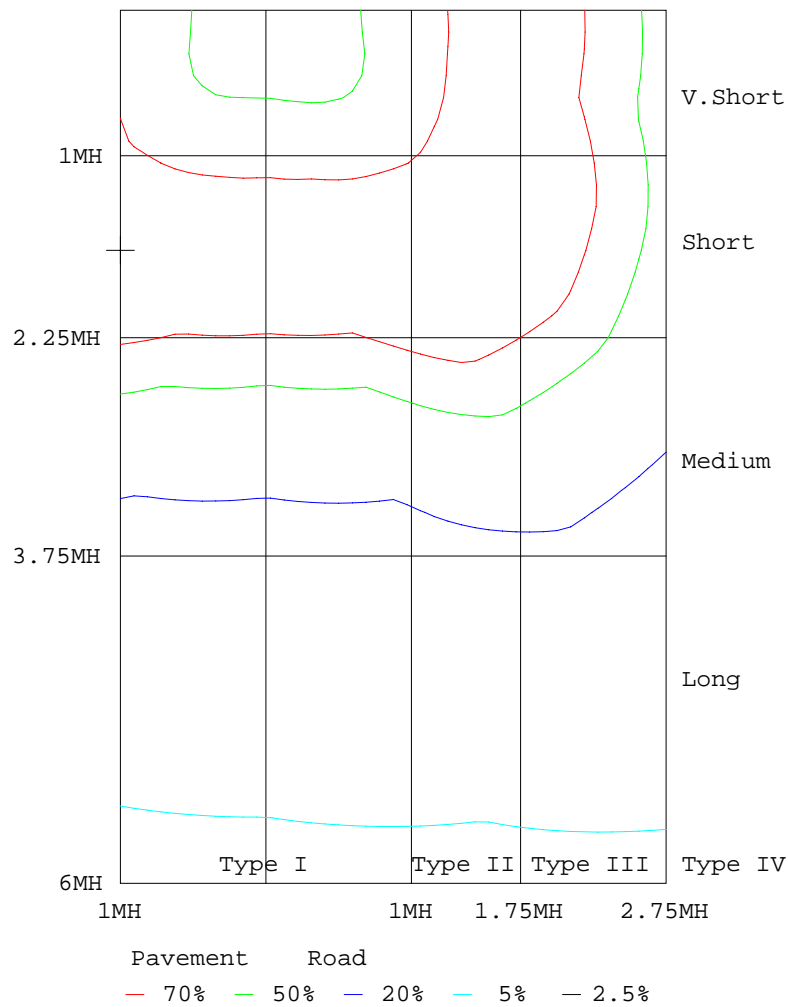
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.684m [K=1.0000]  
Remarks:



### ROAD ISOCANDELA REPORT

Test:U:220.2V I:0.2342A P:50.30W PF:0.9752 Freq:49.99Hz Lamp Flux:6524.7x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-50WiP-NV-L3-00-4070-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:2019-02-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.684m [K=1.0000]  
 Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

```