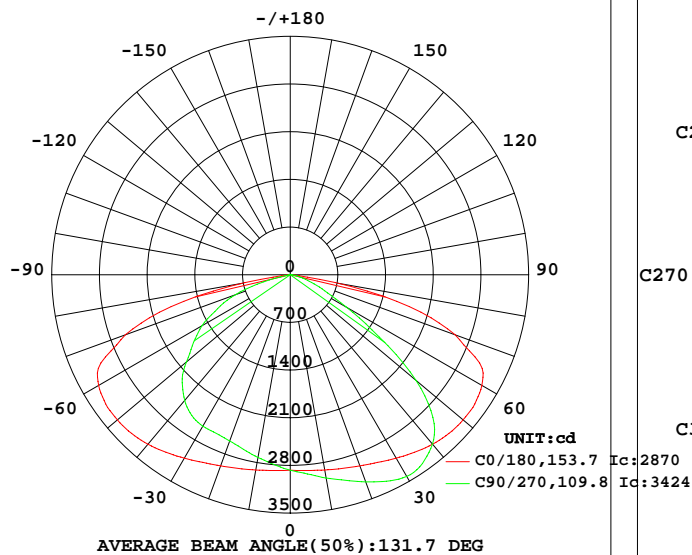
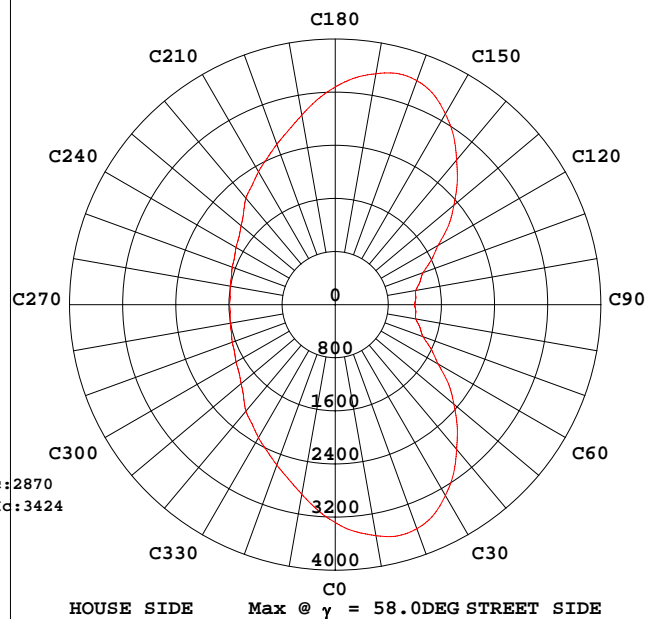


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.3735A P:79.89W PF:0.9754 Freq:49.99Hz Lamp Flux:11437.8x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-80WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 143.17 lm/W			
MODEL	3030	I <sub>max</sub> (cd)	3605	η street_up(%)	0.0
NOMINAL POWER(W)	80	LOR(%)	100.0	η street_down(%)	54.3
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	11438	η house_up(%)	0.0
NOMINAL FLUX(lm)	11437.8	MAXIMUM @(C,γ )	165,58.0	η house_down(%)	45.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.005

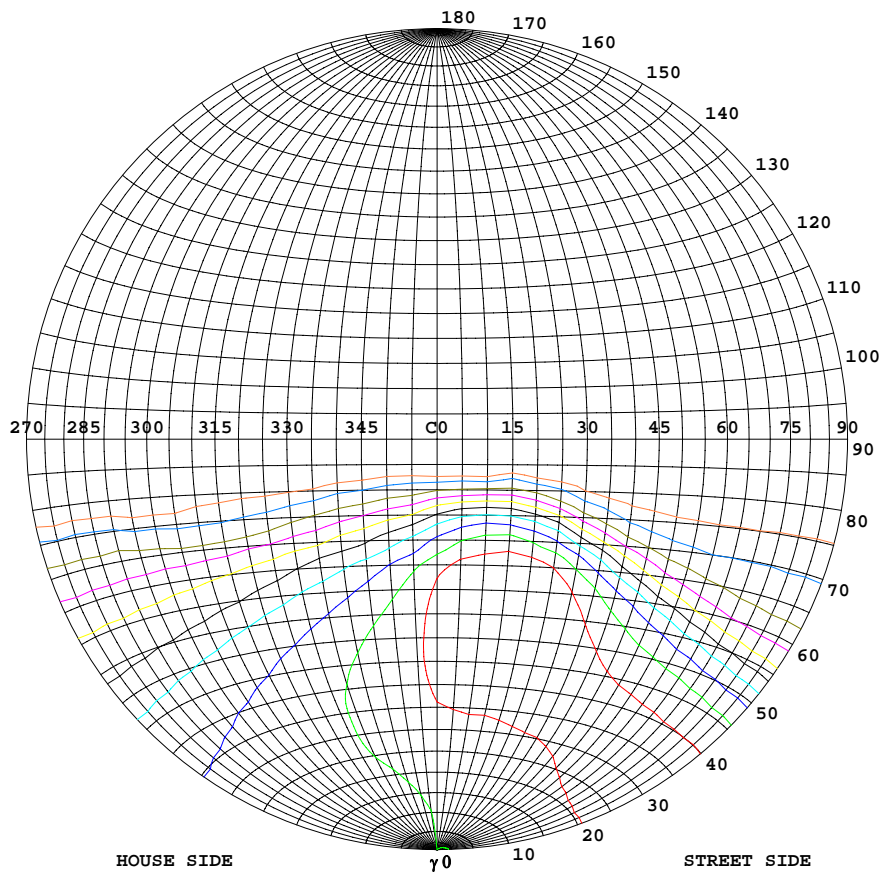
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-06-08

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:219.3V I:0.3735A P:79.89W PF:0.9754 Freq:49.99Hz Lamp Flux:11437.8x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-80WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:



## Classification:

IES:Type II - Short

CIE:Narrow - Short

IES:Full cut-off

CIE:Semi-cut-off

Max.At80:71.09cd/klm

Max.At90:0cd/klm

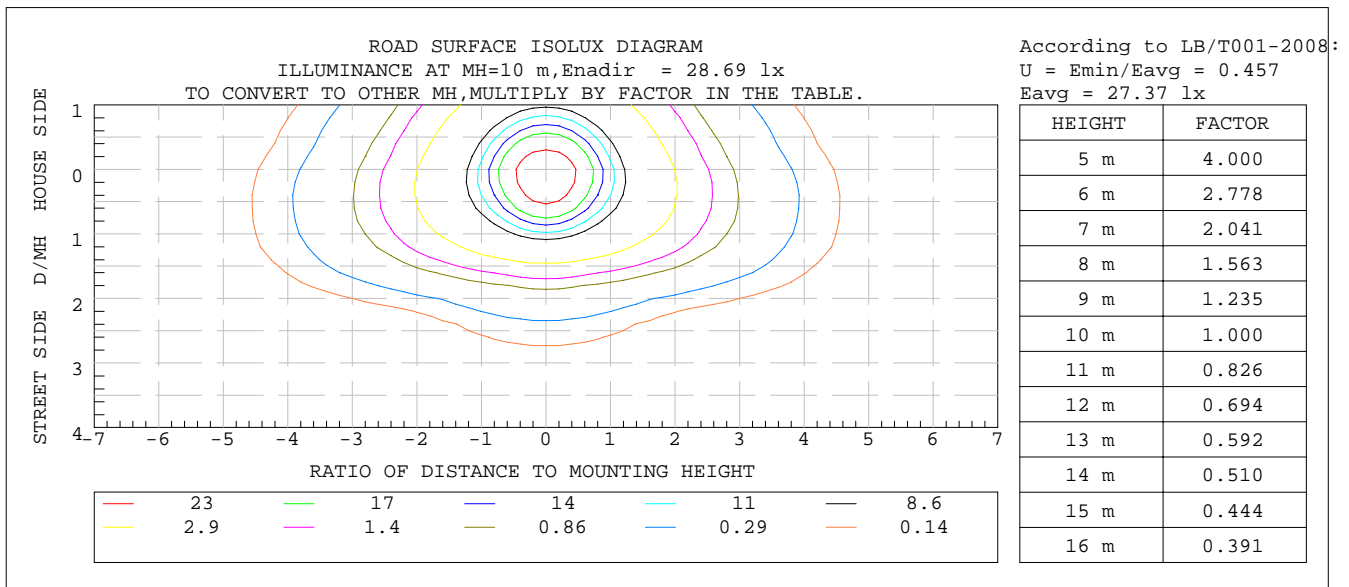
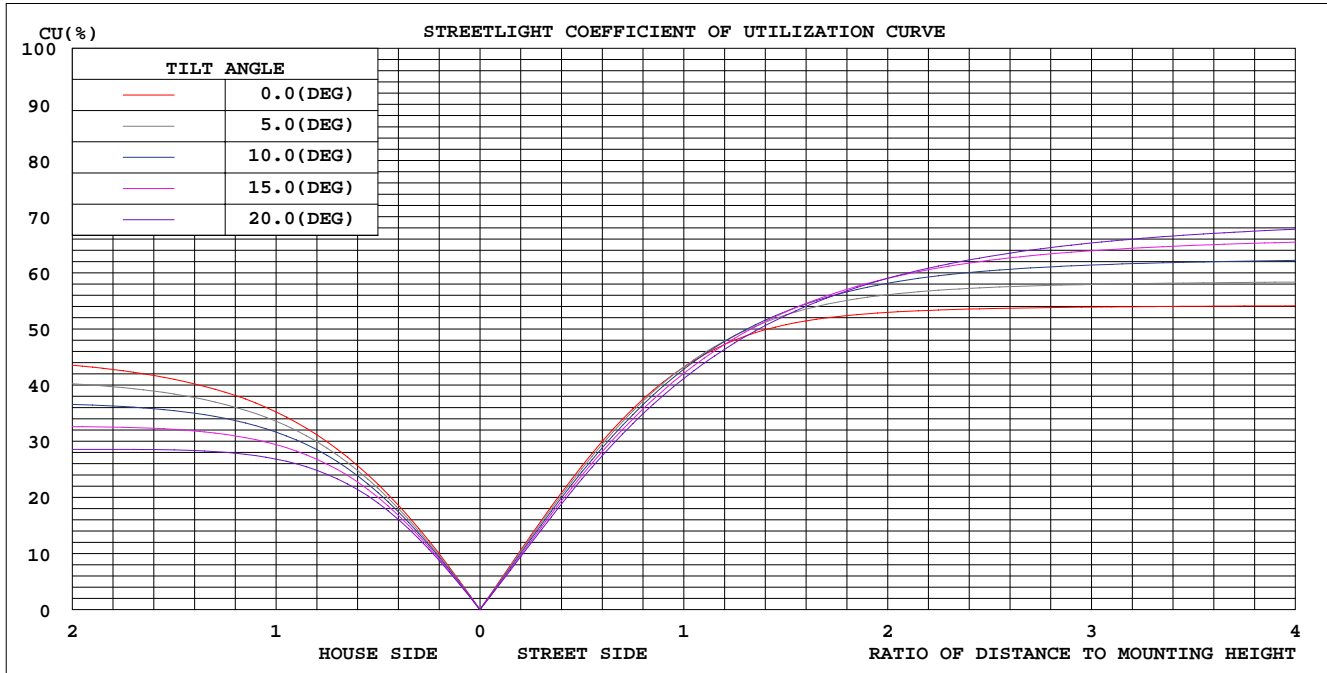
Max.80-90:71.09cd/klm

NRB 5101:Semi limited[16.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3605
90%	3245
80%	2884
70%	2524
60%	2163
50%	1803
40%	1442
30%	1082
20%	721
10%	361
5%	180

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-06-08

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: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2020-06-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:219.3V I:0.3735A P:79.89W PF:0.9754 Freq:49.99Hz Lamp Flux:11437.8x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-80WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

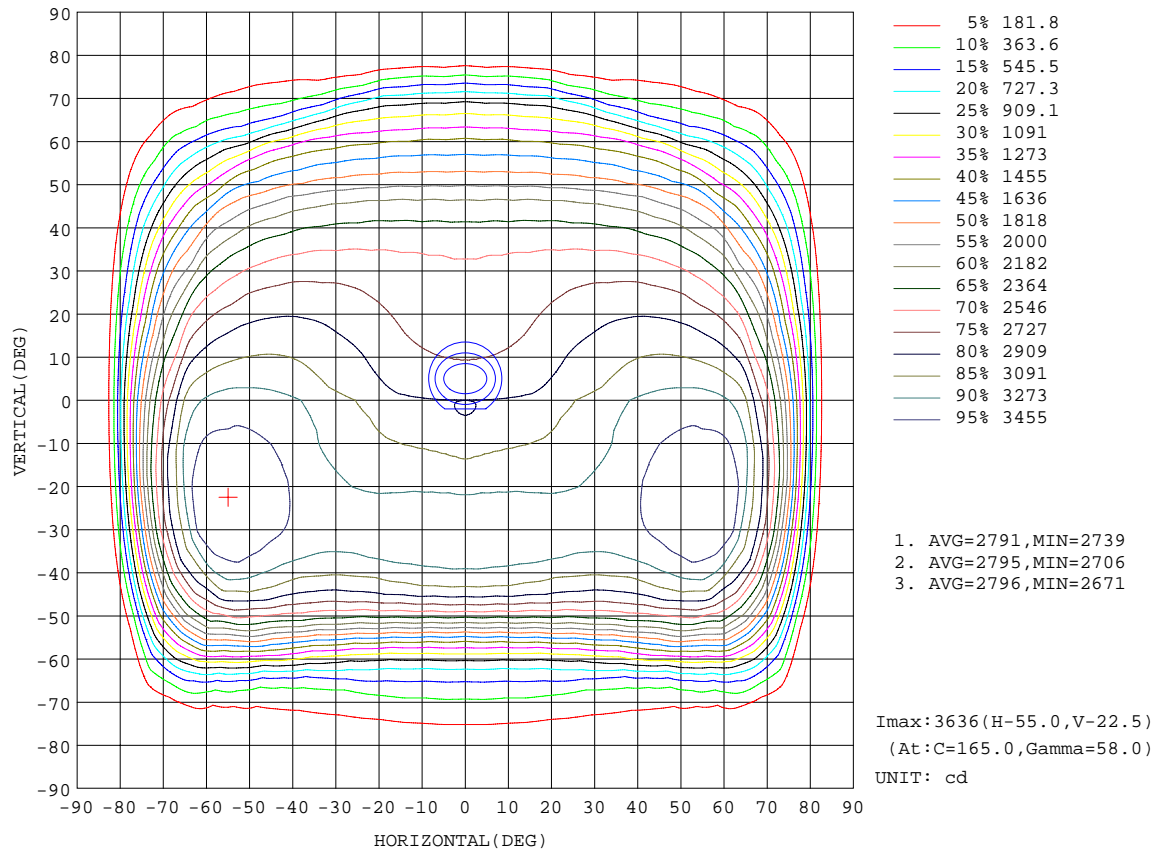
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	2910	2990	3030	2990	2910	2787	2724	2787	0- 10	274.9	274.9	2.4,2.4
20	2987	3153	3236	3153	2987	2752	2598	2752	10- 20	828.5	1103	9.65,9.65
30	3109	3277	3420	3277	3109	2751	2566	2751	20- 30	1388	2491	21.8,21.8
40	3248	3335	3247	3335	3248	2659	2411	2659	30- 40	1909	4400	38.5,38.5
50	3313	3109	2410	3109	3313	2385	1989	2385	40- 50	2255	6655	58.2,58.2
60	3249	2395	947.8	2395	3249	1793	1496	1793	50- 60	2226	8881	77.6,77.6
70	2572	736.8	334.5	736.8	2572	878.2	843.3	878.2	60- 70	1738	10619	92.8,92.8
80	676.0	97.10	87.73	97.10	676.0	119.0	43.61	119.0	70- 80	761.9	11381	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	57.13	11438	100,100
100	0	0	0	0	0	0	0	0	90-100	0	11438	100,100
110	0	0	0	0	0	0	0	0	100-110	0	11438	100,100
120	0	0	0	0	0	0	0	0	110-120	0	11438	100,100
130	0	0	0	0	0	0	0	0	120-130	0	11438	100,100
140	0	0	0	0	0	0	0	0	130-140	0	11438	100,100
150	0	0	0	0	0	0	0	0	140-150	0	11438	100,100
160	0	0	0	0	0	0	0	0	150-160	0	11438	100,100
170	0	0	0	0	0	0	0	0	160-170	0	11438	100,100
180	0	0	0	0	0	0	0	0	170-180	0	11438	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-06-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

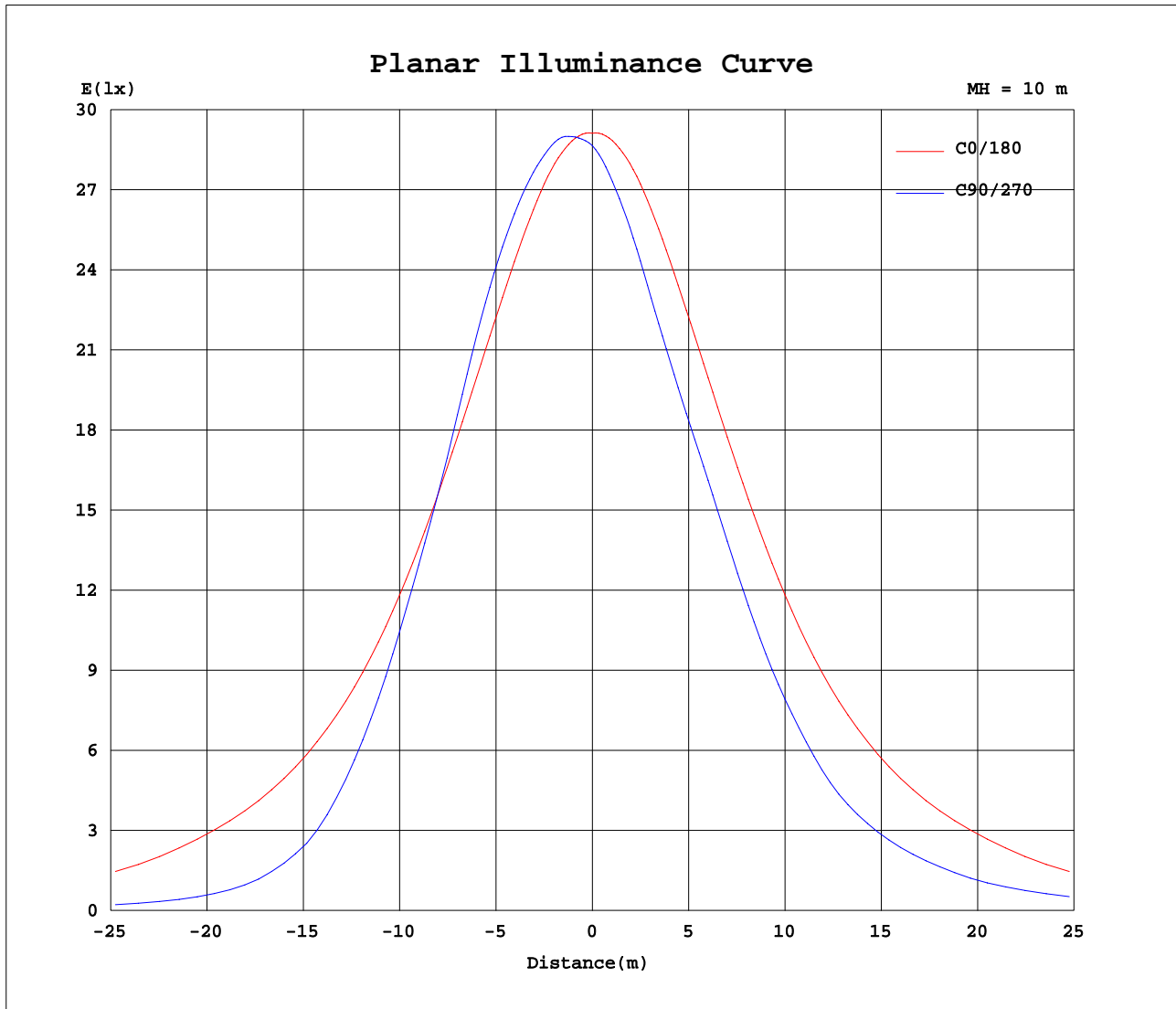
Test:U:219.3V I:0.3735A P:79.89W PF:0.9754 Freq:49.99Hz Lamp Flux:11437.8x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-80WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2020-06-08

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



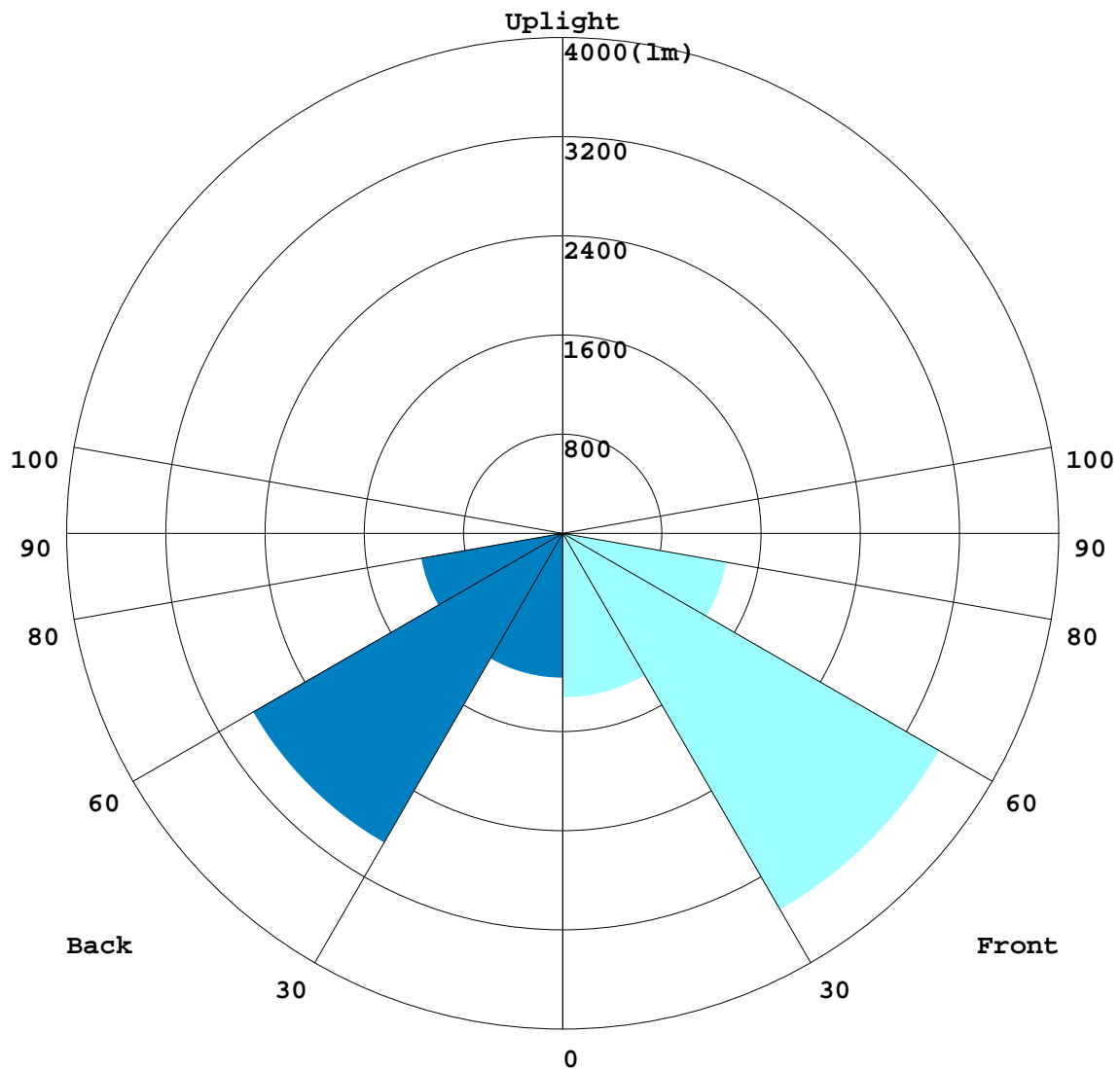
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2020-06-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:219.3V I:0.3735A P:79.89W PF:0.9754 Freq:49.99Hz Lamp Flux:11437.8x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-80WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-06-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:219.3V I:0.3735A P:79.89W PF:0.9754 Freq:49.99Hz Lamp Flux:11437.8x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-80WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1324.8	11.6
FM - Front-Medium(30-60)	3507.6	30.7
FH - Front-High(60-80)	1341.5	11.7
FVH - Front-Very High(80-90)	34.5	0.3
Total Forward Light	6208.4	54.3

BL - Back-Low(0-30)	1166.2	10.2
BM - Back-Medium(30-60)	2882.4	25.2
BH - Back-High(60-80)	1158.1	10.1
BVH - Back-Very High(80-90)	22.626	0.2
Total Back Light	5229.4	45.7

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
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5229.4	0	5229.4
Street Side	6208.4	0	6208.4

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-06-08

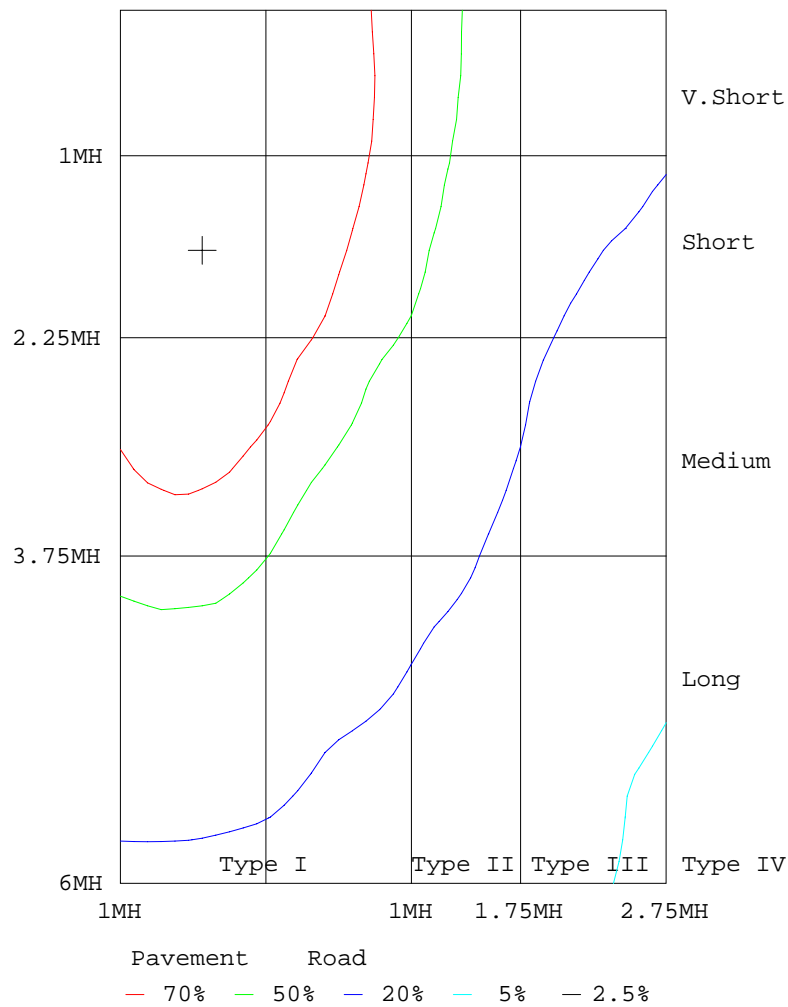
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.801m [K=1.0000]  
Remarks:



### ROAD ISOCANDELA REPORT

Test:U:219.3V I:0.3735A P:79.89W PF:0.9754 Freq:49.99Hz Lamp Flux:11437.8x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-80WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

### ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-06-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:219.3V I:0.3735A P:79.89W PF:0.9754 Freq:49.99Hz Lamp Flux:11437.8x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-80WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870
5	2885	2891	2897	2901	2906	2910	2914	2918	2920	2923	2925	2927	2930	2932	2933	2935	2935	2935	2936
10	2910	2922	2933	2941	2949	2957	2964	2972	2981	2990	3000	3007	3017	3022	3028	3030	3032	3031	3030
15	2944	2962	2978	2989	3000	3010	3025	3041	3060	3076	3093	3104	3115	3121	3125	3127	3129	3126	3124
20	2987	3011	3031	3044	3056	3072	3094	3116	3136	3153	3167	3181	3197	3210	3223	3231	3237	3237	3236
25	3040	3065	3088	3099	3114	3135	3160	3178	3192	3210	3235	3261	3288	3307	3322	3333	3343	3345	3345
30	3109	3133	3153	3161	3180	3202	3219	3231	3249	3277	3308	3334	3357	3378	3392	3405	3412	3420	3420
35	3181	3214	3237	3241	3254	3268	3275	3289	3312	3333	3351	3365	3372	3384	3389	3396	3390	3392	3383
40	3248	3295	3325	3331	3339	3336	3333	3338	3335	3335	3323	3322	3303	3290	3264	3257	3246	3254	3247
45	3295	3358	3406	3432	3441	3420	3391	3360	3311	3264	3207	3156	3101	3083	3045	3032	2986	2979	2961
50	3313	3403	3469	3512	3526	3489	3424	3337	3218	3109	2990	2910	2803	2712	2597	2549	2459	2450	2410
55	3306	3420	3519	3584	3581	3512	3383	3215	3017	2848	2646	2474	2257	2106	1902	1808	1674	1654	1600
60	3249	3424	3531	3599	3587	3465	3248	2999	2666	2395	2030	1745	1455	1290	1119	1041	971	967	948
65	3067	3295	3433	3505	3406	3224	2857	2457	1984	1573	1192	965	787	708	625	600	569	568	560
70	2572	2837	2965	3004	2838	2545	2047	1547	1061	737	495	417	361	359	349	351	334	340	334
75	1810	2073	2158	2127	1898	1499	920	543	309	251	209	198	186	186	182	186	185	189	187
80	676	746	787	813	600	396	185	133	108	97.1	87.0	85.9	82.1	84.4	83.4	86.9	84.6	88.6	87.7
85	30.9	33.9	32.6	37.0	31.9	30.7	26.5	25.5	22.5	21.9	19.7	20.4	19.6	21.5	20.7	22.9	22.8	25.4	25.4
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: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-06-08

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:219.3V I:0.3735A P:79.89W PF:0.9754 Freq:49.99Hz Lamp Flux:11437.8x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-80WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870
5	2935	2935	2935	2933	2932	2930	2927	2925	2923	2920	2918	2914	2910	2906	2901	2897	2891	2885	2878
10	3031	3032	3030	3028	3022	3017	3007	3000	2990	2981	2972	2964	2957	2949	2941	2933	2922	2910	2896
15	3126	3129	3127	3125	3121	3115	3104	3093	3076	3060	3041	3025	3010	3000	2989	2978	2962	2944	2922
20	3237	3237	3231	3223	3210	3197	3181	3167	3153	3136	3116	3094	3072	3056	3044	3031	3011	2987	2961
25	3345	3343	3333	3322	3307	3288	3261	3235	3210	3192	3178	3160	3135	3114	3099	3088	3065	3040	3017
30	3420	3412	3405	3392	3378	3357	3334	3308	3277	3249	3231	3219	3202	3180	3161	3153	3133	3109	3083
35	3392	3390	3396	3389	3384	3372	3365	3351	3333	3312	3289	3275	3268	3254	3241	3237	3214	3181	3141
40	3254	3246	3257	3264	3290	3303	3322	3323	3335	3335	3338	3333	3336	3339	3331	3325	3295	3248	3189
45	2979	2986	3032	3045	3083	3101	3156	3207	3264	3311	3360	3391	3420	3441	3432	3406	3358	3295	3209
50	2450	2459	2549	2597	2712	2803	2910	2990	3109	3218	3337	3424	3489	3526	3512	3469	3403	3313	3196
55	1654	1674	1808	1902	2106	2257	2474	2646	2848	3017	3215	3383	3512	3581	3584	3519	3420	3306	3150
60	967	971	1041	1119	1290	1455	1745	2030	2395	2666	2999	3248	3465	3587	3599	3531	3424	3249	3042
65	568	569	600	625	708	787	965	1192	1573	1984	2457	2857	3224	3406	3505	3433	3295	3067	2806
70	340	334	351	349	359	361	417	495	737	1061	1547	2047	2545	2838	3004	2965	2837	2572	2274
75	189	185	186	182	186	186	198	209	251	309	543	920	1499	1898	2127	2158	2073	1810	1462
80	88.6	84.6	86.9	83.4	84.4	82.1	85.9	87.0	97.1	108	133	185	396	600	813	787	746	676	546
85	25.4	22.8	22.9	20.7	21.5	19.6	20.4	19.7	21.9	22.5	25.5	26.5	30.7	31.9	37.0	32.6	33.9	30.9	30.4
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: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-06-08

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:219.3V I:0.3735A P:79.89W PF:0.9754 Freq:49.99Hz Lamp Flux:11437.8x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-80WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870
5	2871	2864	2857	2850	2843	2837	2831	2825	2820	2815	2810	2805	2802	2799	2797	2795	2795	2795	2797
10	2880	2866	2852	2839	2825	2812	2799	2787	2775	2765	2755	2747	2740	2733	2729	2725	2724	2725	2729
15	2901	2882	2863	2843	2823	2804	2784	2763	2742	2725	2709	2695	2682	2670	2666	2655	2655	2655	2666
20	2937	2915	2888	2864	2836	2810	2780	2752	2723	2698	2675	2656	2641	2624	2614	2603	2598	2603	2614
25	2989	2964	2933	2901	2863	2828	2789	2756	2724	2695	2666	2642	2622	2602	2590	2577	2570	2577	2590
30	3047	3011	2968	2923	2876	2834	2790	2751	2714	2682	2653	2629	2611	2593	2582	2572	2566	2572	2582
35	3092	3042	2985	2928	2869	2816	2768	2726	2688	2648	2616	2585	2567	2547	2537	2525	2522	2525	2537
40	3125	3054	2980	2907	2839	2771	2716	2659	2612	2562	2531	2495	2469	2440	2429	2413	2411	2413	2429
45	3121	3025	2935	2848	2763	2682	2614	2541	2489	2434	2397	2351	2320	2284	2269	2245	2243	2245	2269
50	3078	2958	2845	2734	2638	2543	2468	2385	2320	2256	2209	2144	2097	2038	2014	1987	1989	1987	2014
55	2990	2828	2705	2568	2455	2341	2258	2165	2072	1957	1887	1829	1801	1762	1751	1730	1732	1730	1751
60	2829	2634	2475	2324	2201	2062	1942	1793	1730	1660	1617	1564	1544	1509	1504	1486	1496	1486	1504
65	2554	2319	2135	1970	1821	1634	1551	1460	1401	1331	1284	1226	1209	1185	1183	1168	1179	1168	1183
70	2021	1762	1584	1373	1243	1104	1009	878	829	813	843	844	867	837	842	828	843	828	842
75	1277	1085	924	763	599	454	394	345	316	309	328	308	383	393	399	372	402	372	399
80	484	359	312	204	170	145	132	119	104	83.6	67.2	53.4	53.1	52.9	44.0	36.3	43.6	36.3	44.0
85	30.9	26.2	24.0	20.8	19.6	16.8	15.1	12.5	12.2	8.62	6.68	4.57	2.64	1.19	1.28	0.39	0.80	0.39	1.28
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: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-06-08

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:219.3V I:0.3735A P:79.89W PF:0.9754 Freq:49.99Hz Lamp Flux:11437.8x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-80WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

Table--4

UNIT: cd

C(DEC)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
γ (DEC)																			
0	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870				
5	2799	2802	2805	2810	2815	2820	2825	2831	2837	2843	2850	2857	2864	2871	2878				
10	2733	2740	2747	2755	2765	2775	2787	2799	2812	2825	2839	2852	2866	2880	2896				
15	2670	2682	2695	2709	2725	2742	2763	2784	2804	2823	2843	2863	2882	2901	2922				
20	2624	2641	2656	2675	2698	2723	2752	2780	2810	2836	2864	2888	2915	2937	2961				
25	2602	2622	2642	2666	2695	2724	2756	2789	2828	2863	2901	2933	2964	2989	3017				
30	2593	2611	2629	2653	2682	2714	2751	2790	2834	2876	2923	2968	3011	3047	3083				
35	2547	2567	2585	2616	2648	2688	2726	2768	2816	2869	2928	2985	3042	3092	3141				
40	2440	2469	2495	2531	2562	2612	2659	2716	2771	2839	2907	2980	3054	3125	3189				
45	2284	2320	2351	2397	2434	2489	2541	2614	2682	2763	2848	2935	3025	3121	3209				
50	2038	2097	2144	2209	2256	2320	2385	2468	2543	2638	2734	2845	2958	3078	3196				
55	1762	1801	1829	1887	1957	2072	2165	2258	2341	2455	2568	2705	2828	2990	3150				
60	1509	1544	1564	1617	1660	1730	1793	1942	2062	2201	2324	2475	2634	2829	3042				
65	1185	1209	1226	1284	1331	1401	1460	1551	1634	1821	1970	2135	2319	2554	2806				
70	837	867	844	843	813	829	878	1009	1104	1243	1373	1584	1762	2021	2274				
75	393	383	308	328	309	316	345	394	454	599	763	924	1085	1277	1462				
80	52.9	53.1	53.4	67.2	83.6	104	119	132	145	170	204	312	359	484	546				
85	1.19	2.64	4.57	6.68	8.62	12.2	12.5	15.1	16.8	19.6	20.8	24.0	26.2	30.9	30.4				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-06-08

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: