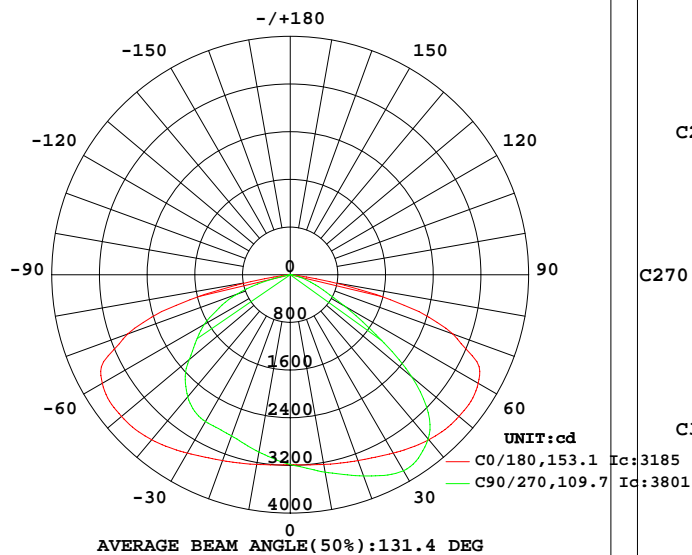
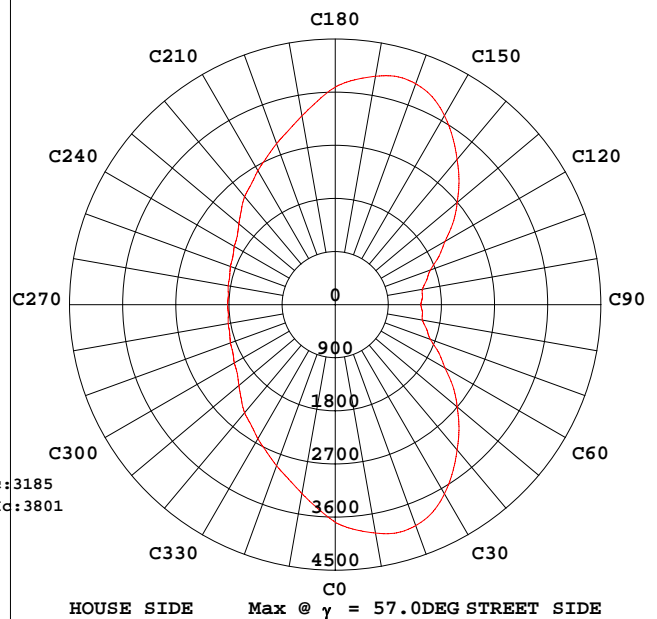


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.4205A P:89.56W PF:0.9714 Freq:49.99Hz Lamp Flux:12668.5x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-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: 141.45 lm/W			
MODEL	3030	I <sub>max</sub> (cd)	4002	η street_up(%)	0.0
NOMINAL POWER(W)	90	LOR(%)	100.0	η street_down(%)	54.1
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	12669	η house_up(%)	0.0
NOMINAL FLUX(lm)	12668.5	MAXIMUM @(C,γ )	165,57.0	η house_down(%)	45.9
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.986

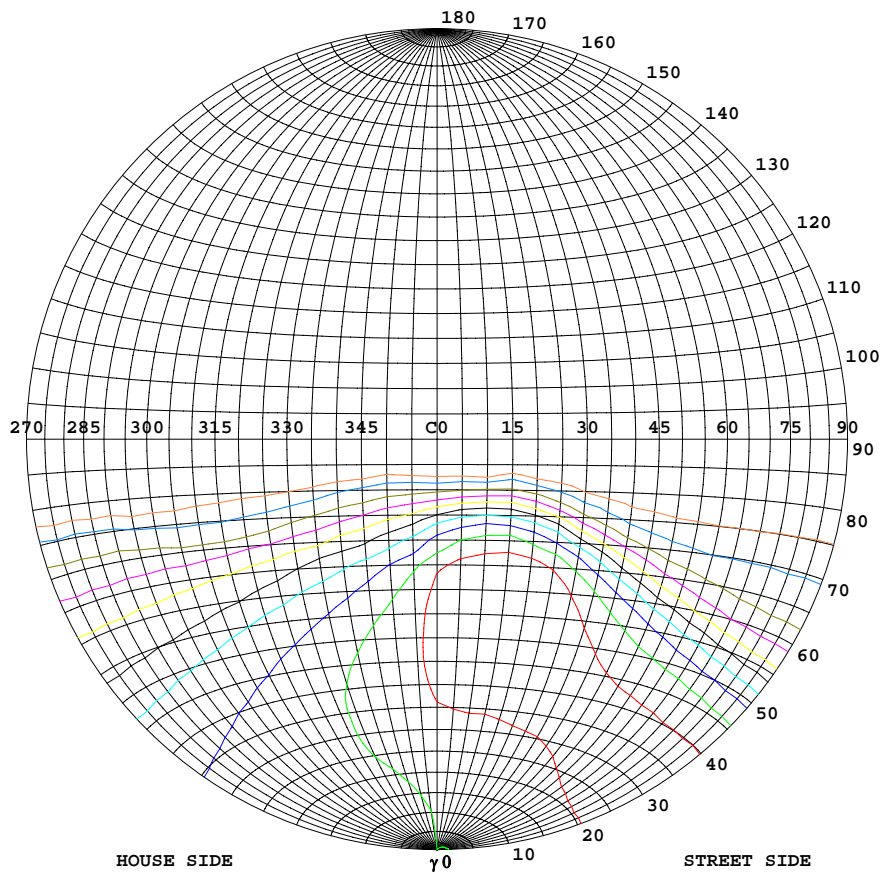
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

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:0.4205A P:89.56W PF:0.9714 Freq:49.99Hz Lamp Flux:12668.5x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-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.At80:67.83cd/klm

Max.At90:0cd/klm

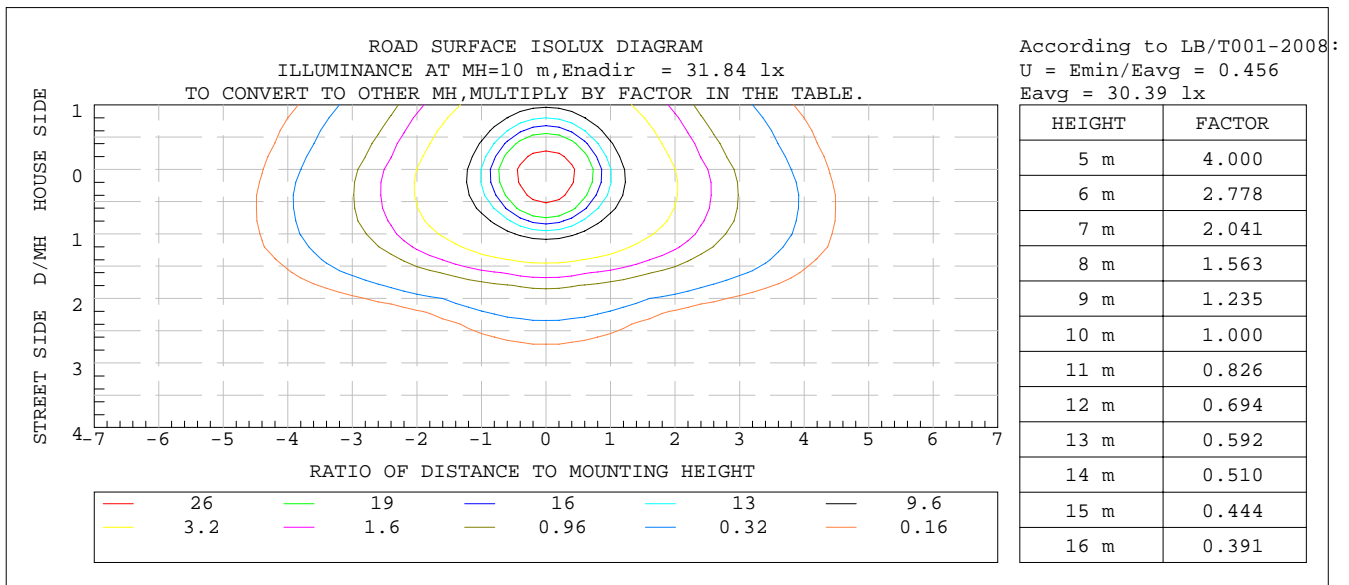
Max.80-90:67.83cd/klm

NRB 5101:Semi limited[16.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4002
90%	3602
80%	3202
70%	2802
60%	2401
50%	2001
40%	1601
30%	1201
20%	800
10%	400
5%	200

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:

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:0.4205A P:89.56W PF:0.9714 Freq:49.99Hz Lamp Flux:12668.5x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

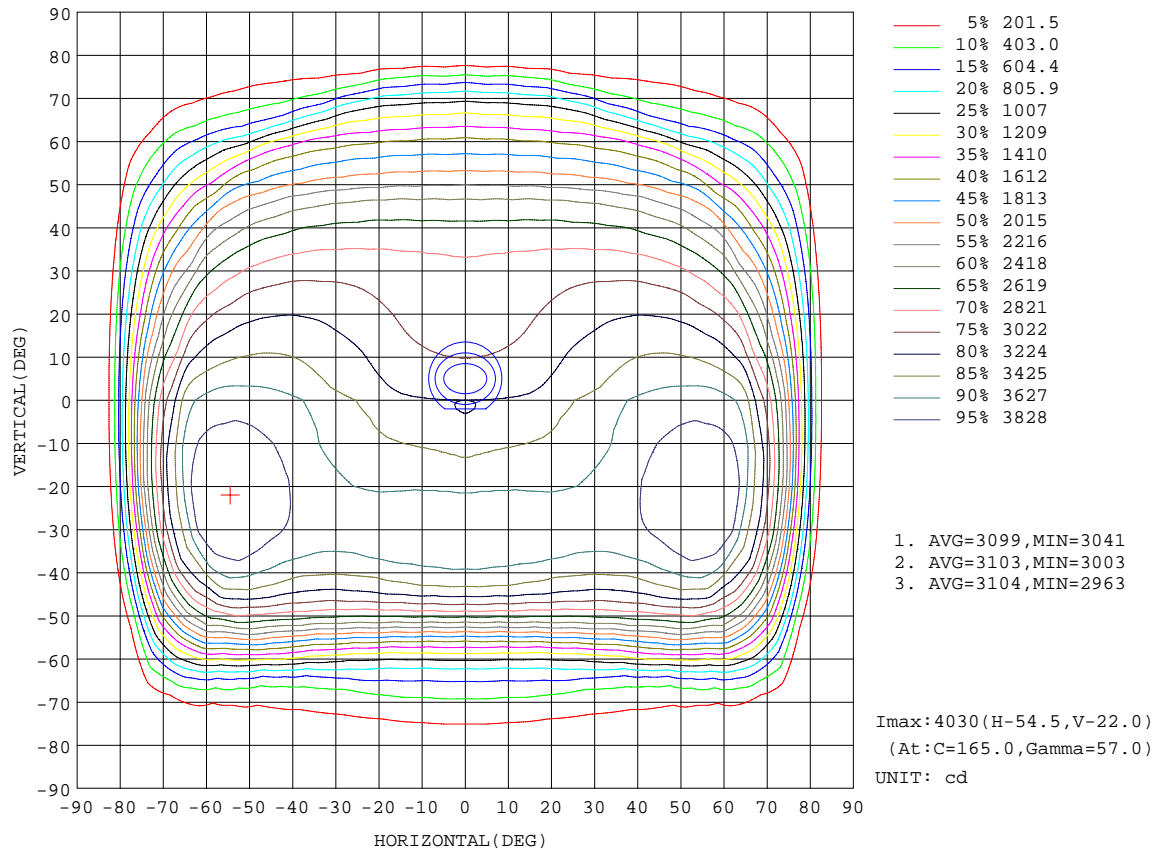
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	3232	3319	3363	3319	3232	3093	3022	3093	0- 10	305.2	305.2	2.41,2.41
20	3318	3501	3593	3501	3318	3054	2880	3054	10- 20	919.6	1225	9.67,9.67
30	3456	3640	3797	3640	3456	3053	2845	3053	20- 30	1540	2765	21.8,21.8
40	3615	3698	3599	3698	3615	2951	2674	2951	30- 40	2119	4884	38.6,38.6
50	3696	3438	2658	3438	3696	2648	2214	2648	40- 50	2501	7385	58.3,58.3
60	3641	2603	1052	2603	3641	1989	1666	1989	50- 60	2465	9850	77.7,77.7
70	2905	780.1	366.9	780.1	2905	982.4	943.5	982.4	60- 70	1919	11769	92.9,92.9
80	675.2	103.2	95.43	103.2	675.2	127.6	51.44	127.6	70- 80	836.8	12606	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	62.83	12669	100,100
100	0	0	0	0	0	0	0	0	90-100	0	12669	100,100
110	0	0	0	0	0	0	0	0	100-110	0	12669	100,100
120	0	0	0	0	0	0	0	0	110-120	0	12669	100,100
130	0	0	0	0	0	0	0	0	120-130	0	12669	100,100
140	0	0	0	0	0	0	0	0	130-140	0	12669	100,100
150	0	0	0	0	0	0	0	0	140-150	0	12669	100,100
160	0	0	0	0	0	0	0	0	150-160	0	12669	100,100
170	0	0	0	0	0	0	0	0	160-170	0	12669	100,100
180	0	0	0	0	0	0	0	0	170-180	0	12669	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

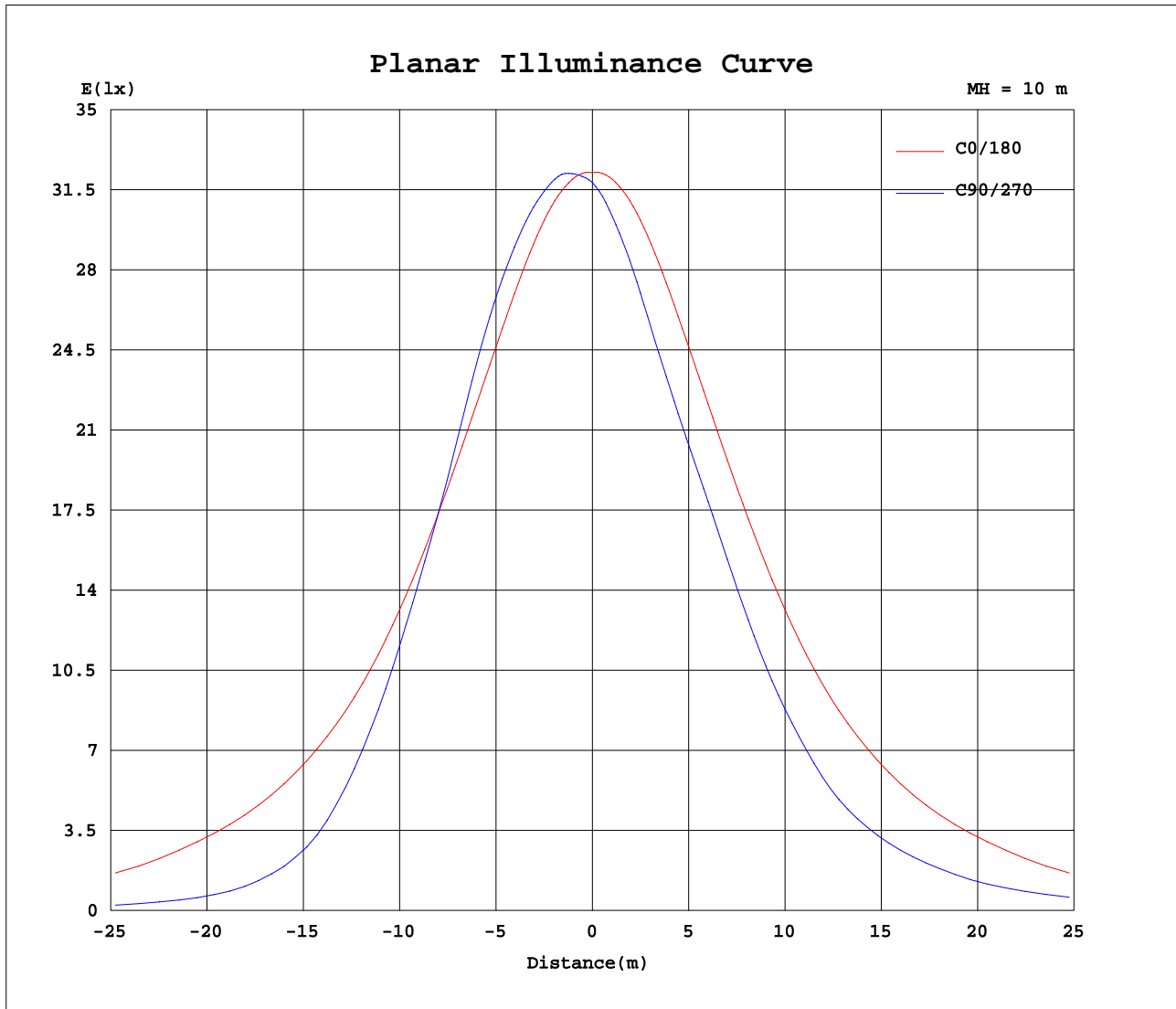
Test:U:219.3V I:0.4205A P:89.56W PF:0.9714 Freq:49.99Hz Lamp Flux:12668.5x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:



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

$\gamma$  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:

## Planar Illuminance Curve



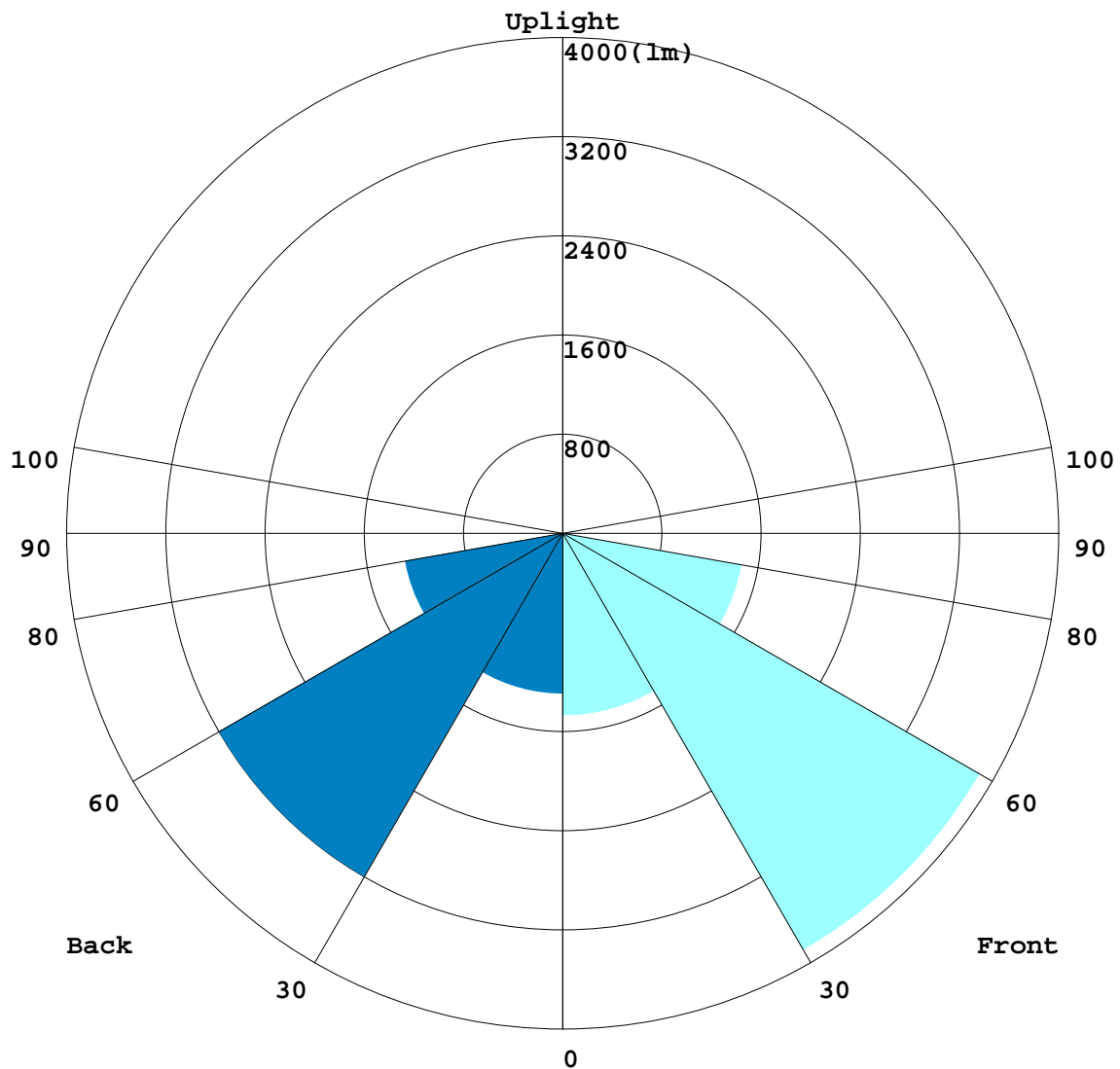
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2020-06-08

$\gamma$  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:0.4205A P:89.56W PF:0.9714 Freq:49.99Hz Lamp Flux:12668.5x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-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:0.4205A P:89.56W PF:0.9714 Freq:49.99Hz Lamp Flux:12668.5x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-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)	1470.3	11.6
FM - Front-Medium(30-60)	3883.8	30.7
FH - Front-High(60-80)	1465.2	11.6
FVH - Front-Very High(80-90)	35.834	0.3
Total Forward Light	6855.1	54.1

BL - Back-Low(0-30)	1294.6	10.2
BM - Back-Medium(30-60)	3201.1	25.3
BH - Back-High(60-80)	1290.7	10.2
BVH - Back-Very High(80-90)	26.993	0.2
Total Back Light	5813.4	45.9

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	5813.4	0	5813.4
Street Side	6855.1	0	6855.1

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

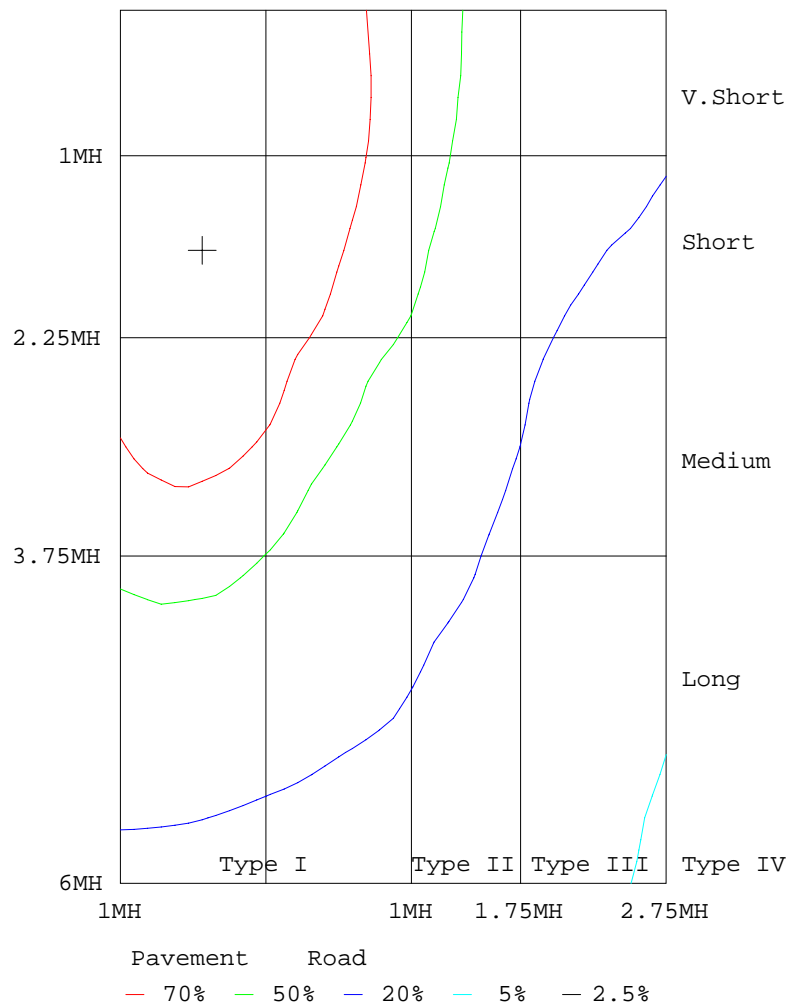
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.801m [K=1.0000]  
Remarks:



### ROAD ISOCANDELA REPORT

Test:U:219.3V I:0.4205A P:89.56W PF:0.9714 Freq:49.99Hz Lamp Flux:12668.5x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-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:0.4205A P:89.56W PF:0.9714 Freq:49.99Hz Lamp Flux:12668.5x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185
5	3203	3209	3215	3220	3225	3229	3233	3237	3241	3244	3247	3249	3251	3253	3255	3257	3258	3259	3259
10	3232	3244	3256	3266	3275	3282	3291	3300	3311	3319	3331	3340	3350	3356	3361	3364	3366	3364	3363
15	3270	3290	3307	3319	3331	3342	3358	3377	3398	3415	3433	3447	3458	3464	3469	3472	3474	3472	3469
20	3318	3343	3365	3378	3391	3411	3436	3461	3483	3501	3517	3534	3551	3564	3578	3588	3595	3595	3593
25	3377	3403	3428	3440	3458	3482	3509	3528	3544	3564	3591	3622	3651	3671	3688	3701	3711	3716	3716
30	3456	3480	3501	3512	3533	3556	3573	3586	3608	3640	3673	3702	3727	3751	3766	3780	3788	3797	3797
35	3537	3573	3595	3599	3614	3628	3637	3652	3678	3700	3720	3737	3742	3755	3760	3767	3761	3764	3753
40	3615	3664	3696	3702	3710	3705	3701	3706	3702	3698	3686	3683	3661	3645	3615	3609	3596	3607	3599
45	3672	3738	3789	3817	3824	3796	3764	3727	3670	3616	3553	3495	3434	3413	3368	3354	3303	3296	3276
50	3696	3791	3861	3907	3918	3871	3794	3692	3560	3438	3309	3216	3098	2993	2865	2808	2713	2693	2658
55	3702	3820	3915	3987	3975	3892	3740	3548	3331	3140	2918	2707	2483	2311	2085	1977	1833	1814	1755
60	3641	3821	3935	3996	3977	3839	3576	3287	2926	2603	2215	1898	1590	1406	1209	1136	1076	1061	1052
65	3454	3681	3823	3881	3771	3541	3124	2663	2156	1701	1298	1045	860	772	683	656	624	623	616
70	2905	3175	3294	3325	3113	2761	2200	1638	1136	780	530	448	393	388	379	381	364	372	367
75	1982	2295	2382	2327	2048	1568	940	552	326	273	226	214	202	201	197	203	202	205	204
80	675	768	828	859	615	357	186	140	115	103	93.3	92.1	87.6	90.7	89.7	93.6	92.0	95.9	95.4
85	35.8	37.9	35.4	38.1	32.9	32.0	27.4	26.7	23.7	23.2	20.8	21.5	20.5	22.6	21.7	24.1	24.0	26.9	27.2
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:0.4205A P:89.56W PF:0.9714 Freq:49.99Hz Lamp Flux:12668.5x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

Table--2

UNIT: cd

C(°) \ γ (°)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185
5	3259	3258	3257	3255	3253	3251	3249	3247	3244	3241	3237	3233	3229	3225	3220	3215	3209	3203	3194
10	3364	3366	3364	3361	3356	3350	3340	3331	3319	3311	3300	3291	3282	3275	3266	3256	3244	3232	3212
15	3472	3474	3472	3469	3464	3458	3447	3433	3415	3398	3377	3358	3342	3331	3319	3307	3290	3270	3242
20	3595	3595	3588	3578	3564	3551	3534	3517	3501	3483	3461	3436	3411	3391	3378	3365	3343	3318	3286
25	3716	3711	3701	3688	3671	3651	3622	3591	3564	3544	3528	3509	3482	3458	3440	3428	3403	3377	3347
30	3797	3788	3780	3766	3751	3727	3702	3673	3640	3608	3586	3573	3556	3533	3512	3501	3480	3456	3420
35	3764	3761	3767	3760	3755	3742	3737	3720	3700	3678	3652	3637	3628	3614	3599	3595	3573	3537	3486
40	3607	3596	3609	3615	3645	3661	3683	3686	3698	3702	3706	3701	3705	3710	3702	3696	3664	3615	3540
45	3296	3303	3354	3368	3413	3434	3495	3553	3616	3670	3727	3764	3796	3824	3817	3789	3738	3672	3562
50	2693	2713	2808	2865	2993	3098	3216	3309	3438	3560	3692	3794	3871	3918	3907	3861	3791	3696	3547
55	1814	1833	1977	2085	2311	2483	2707	2918	3140	3331	3548	3740	3892	3975	3987	3915	3820	3702	3496
60	1061	1076	1136	1209	1406	1590	1898	2215	2603	2926	3287	3576	3839	3977	3996	3935	3821	3641	3373
65	623	624	656	683	772	860	1045	1298	1701	2156	2663	3124	3541	3771	3881	3823	3681	3454	3109
70	372	364	381	379	388	393	448	530	780	1136	1638	2200	2761	3113	3325	3294	3175	2905	2515
75	205	202	203	197	201	202	214	226	273	326	552	940	1568	2048	2327	2382	2295	1982	1662
80	95.9	92.0	93.6	89.7	90.7	87.6	92.1	93.3	103	115	140	186	357	615	859	828	768	675	654
85	26.9	24.0	24.1	21.7	22.6	20.5	21.5	20.8	23.2	23.7	26.7	27.4	32.0	32.9	38.1	35.4	37.9	35.8	75.0
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:0.4205A P:89.56W PF:0.9714 Freq:49.99Hz Lamp Flux:12668.5x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T211-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

Table--3

UNIT: cd

C(DEC) γ (DEC)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185
5	3185	3178	3170	3162	3155	3149	3142	3136	3131	3124	3119	3115	3111	3107	3105	3103	3102	3103	3105
10	3196	3181	3165	3153	3135	3121	3106	3093	3080	3068	3058	3049	3041	3033	3028	3024	3022	3024	3028
15	3219	3198	3176	3156	3133	3112	3089	3066	3043	3024	3005	2989	2975	2962	2953	2946	2942	2946	2953
20	3258	3234	3204	3177	3146	3118	3085	3054	3021	2994	2967	2947	2927	2911	2897	2888	2880	2888	2897
25	3317	3289	3253	3218	3176	3137	3094	3058	3022	2990	2957	2932	2907	2888	2871	2860	2849	2860	2871
30	3381	3342	3294	3242	3190	3145	3096	3053	3011	2975	2942	2917	2895	2878	2863	2855	2845	2855	2863
35	3430	3375	3312	3247	3182	3126	3072	3025	2981	2939	2900	2871	2848	2828	2814	2804	2797	2804	2814
40	3467	3388	3306	3225	3150	3075	3012	2951	2897	2844	2806	2769	2740	2709	2697	2681	2674	2681	2697
45	3463	3357	3257	3160	3065	2975	2897	2820	2760	2702	2659	2611	2576	2536	2519	2494	2492	2494	2519
50	3415	3284	3157	3034	2926	2822	2736	2648	2576	2504	2452	2380	2328	2264	2239	2210	2214	2210	2239
55	3318	3140	2998	2848	2722	2597	2506	2402	2299	2172	2096	2031	1999	1958	1947	1923	1927	1923	1947
60	3140	2921	2744	2577	2441	2286	2148	1989	1917	1842	1798	1739	1718	1679	1671	1655	1666	1655	1671
65	2831	2572	2368	2184	2016	1812	1718	1618	1554	1477	1428	1360	1346	1315	1315	1300	1316	1300	1315
70	2236	1948	1754	1515	1377	1227	1121	982	935	911	952	960	965	934	938	925	943	925	938
75	1453	1218	1028	844	661	500	436	388	367	357	367	379	434	440	450	422	455	422	450
80	601	457	358	246	197	165	148	128	116	98.1	81.3	63.3	64.8	51.0	51.4	42.7	51.4	42.7	51.4
85	37.8	31.7	29.9	26.1	24.6	20.3	17.5	14.1	13.7	9.71	7.56	5.15	3.62	1.44	1.19	0.42	0.91	0.42	1.19
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:0.4205A P:89.56W PF:0.9714 Freq:49.99Hz Lamp Flux:12668.5x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-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	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185				
5	3107	3111	3115	3119	3124	3131	3136	3142	3149	3155	3162	3170	3178	3185	3194				
10	3033	3041	3049	3058	3068	3080	3093	3106	3121	3135	3153	3165	3181	3196	3212				
15	2962	2975	2989	3005	3024	3043	3066	3089	3112	3133	3156	3176	3198	3219	3242				
20	2911	2927	2947	2967	2994	3021	3054	3085	3118	3146	3177	3204	3234	3258	3286				
25	2888	2907	2932	2957	2990	3022	3058	3094	3137	3176	3218	3253	3289	3317	3347				
30	2878	2895	2917	2942	2975	3011	3053	3096	3145	3190	3242	3294	3342	3381	3420				
35	2828	2848	2871	2900	2939	2981	3025	3072	3126	3182	3247	3312	3375	3430	3486				
40	2709	2740	2769	2806	2844	2897	2951	3012	3075	3150	3225	3306	3388	3467	3540				
45	2536	2576	2611	2659	2702	2760	2820	2897	2975	3065	3160	3257	3357	3463	3562				
50	2264	2328	2380	2452	2504	2576	2648	2736	2822	2926	3034	3157	3284	3415	3547				
55	1958	1999	2031	2096	2172	2299	2402	2506	2597	2722	2848	2998	3140	3318	3496				
60	1679	1718	1739	1798	1842	1917	1989	2148	2286	2441	2577	2744	2921	3140	3373				
65	1315	1346	1360	1428	1477	1554	1618	1718	1812	2016	2184	2368	2572	2831	3109				
70	934	965	960	952	911	935	982	1121	1227	1377	1515	1754	1948	2236	2515				
75	440	434	379	367	357	367	388	436	500	661	844	1028	1218	1453	1662				
80	51.0	64.8	63.3	81.3	98.1	116	128	148	165	197	246	358	457	601	654				
85	1.44	3.62	5.15	7.56	9.71	13.7	14.1	17.5	20.3	24.6	26.1	29.9	31.7	37.8	75.0				
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: