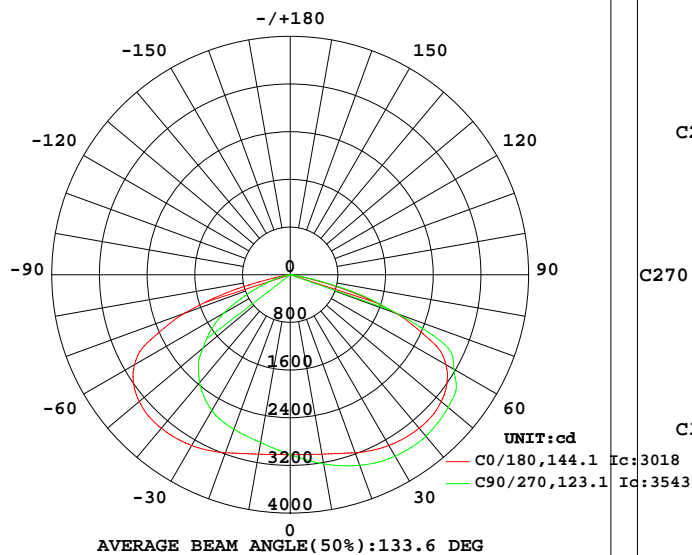
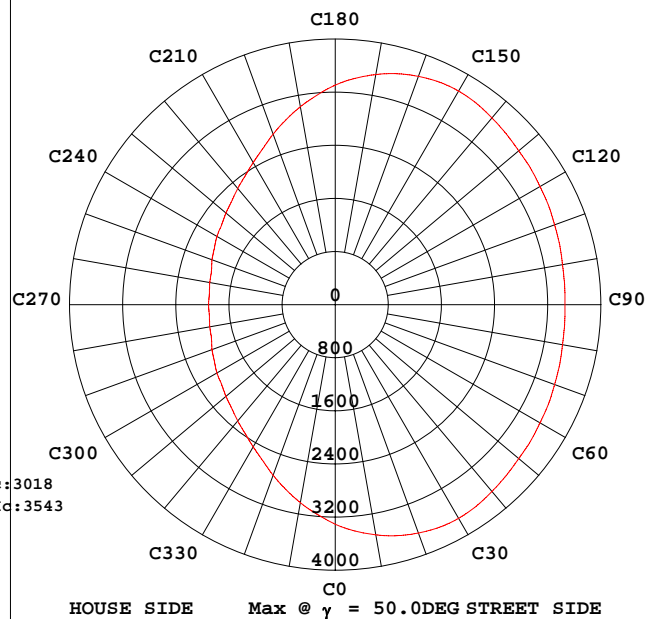


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.4217A P:89.80W PF:0.9712 Freq:49.99Hz Lamp Flux:12738.3x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T411-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 141.84 lm/W			
MODEL	3030	I _{max} (cd)	3715	η street_up(%)	0.0
NOMINAL POWER(W)	90	LOR(%)	100.0	η street_down(%)	62.4
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	12738	η house_up(%)	0.0
NOMINAL FLUX(lm)	12738.3	MAXIMUM @(C,γ)	30,50.0	η house_down(%)	37.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	18.818

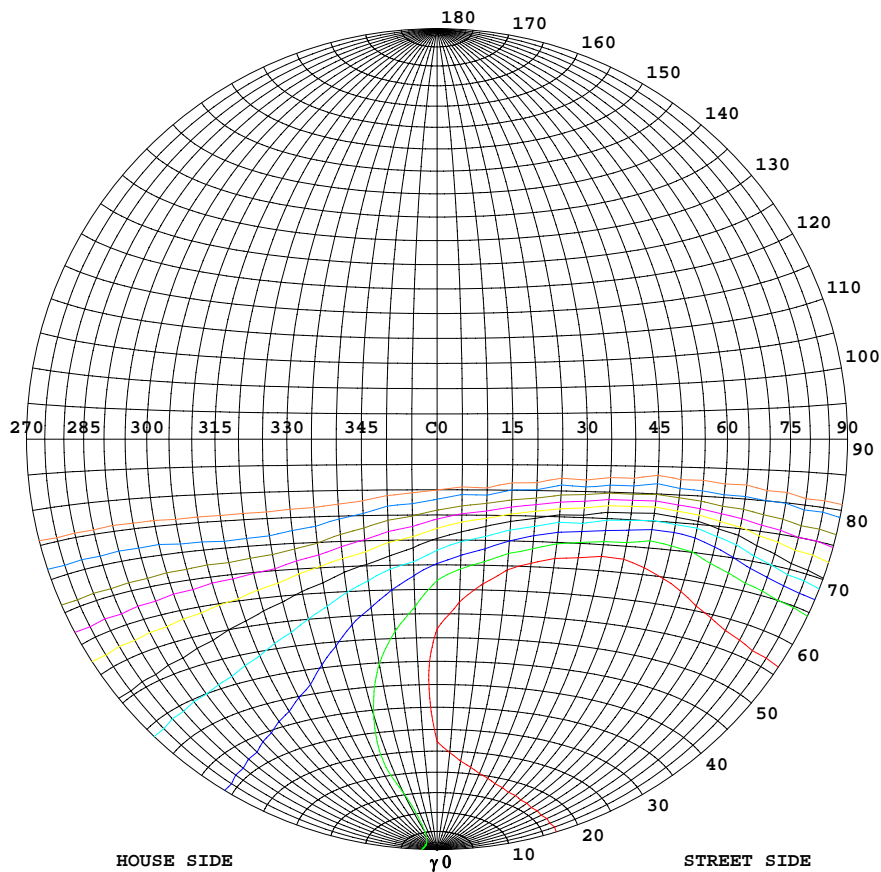
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-06-05

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:0.4217A P:89.80W PF:0.9712 Freq:49.99Hz Lamp Flux:12738.3x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T411-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:



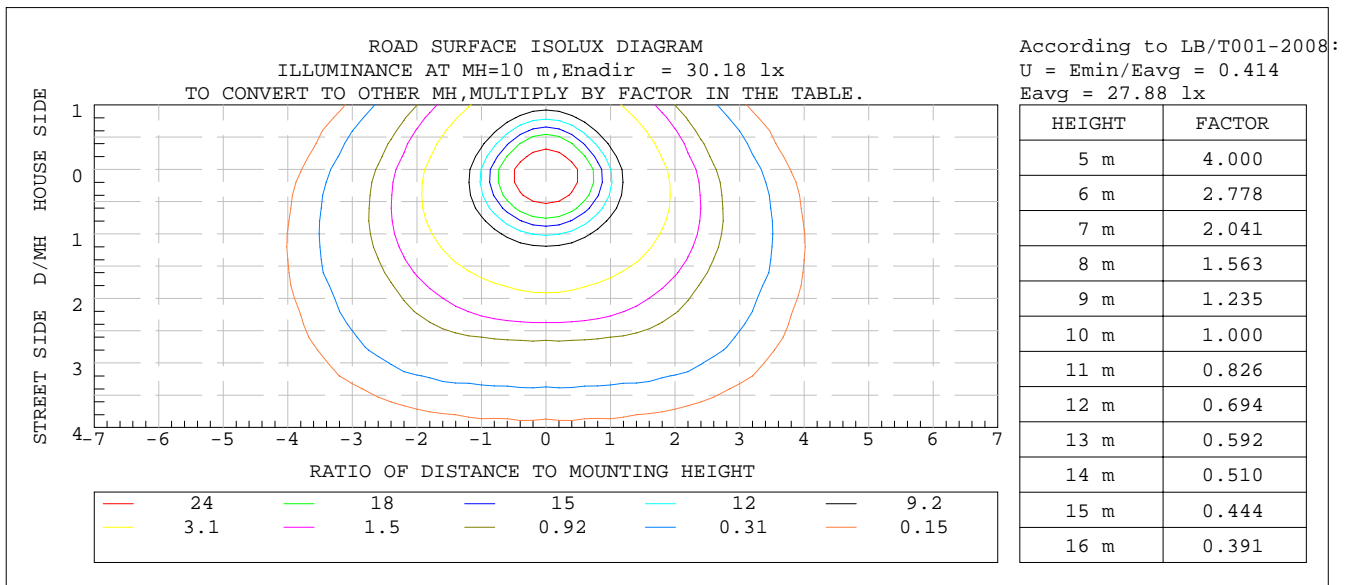
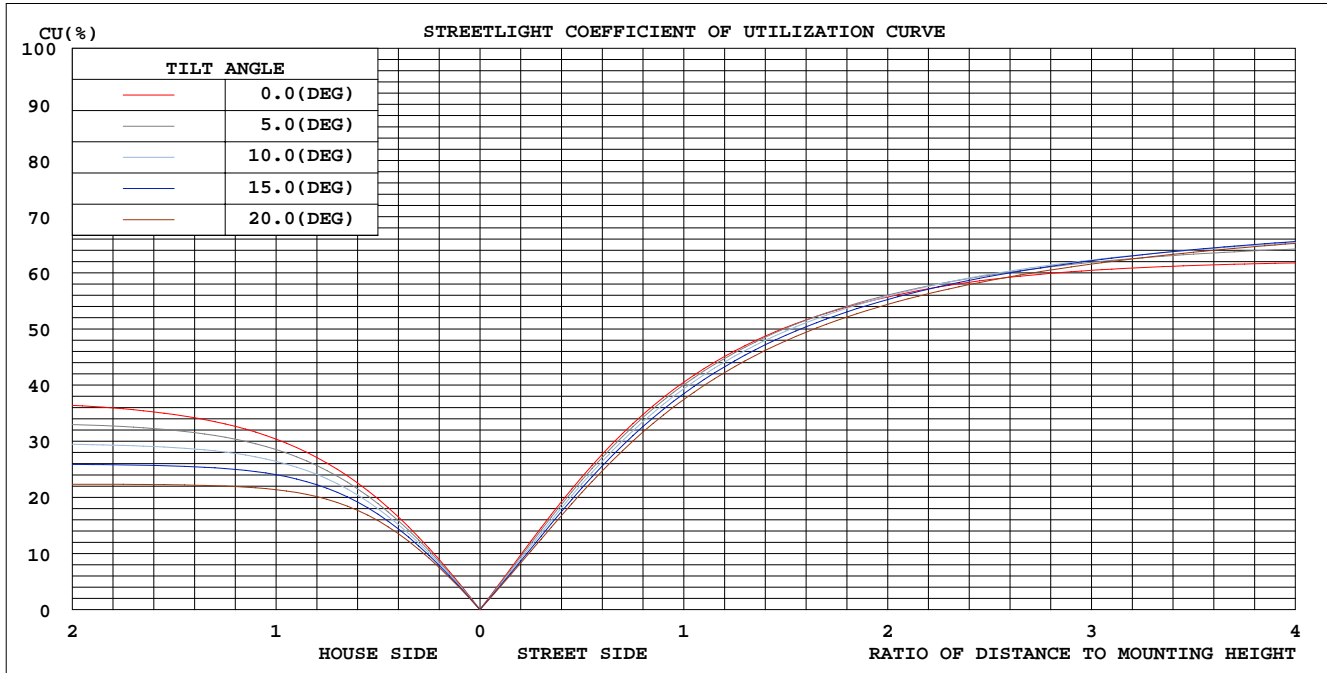
Classification:

IES:Type IV - Short
CIE:Broad - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:55.35cd/klm
Max.At90:0cd/klm
Max.80-90:55.35cd/klm
NRB 5101:Semi limited[11.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3715
90%	3343
80%	2972
70%	2600
60%	2229
50%	1857
40%	1486
30%	1114
20%	743
10%	371
5%	186

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-06-05

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: 2020-06-05

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:219.3V I:0.4217A P:89.80W PF:0.9712 Freq:49.99Hz Lamp Flux:12738.3x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T411-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

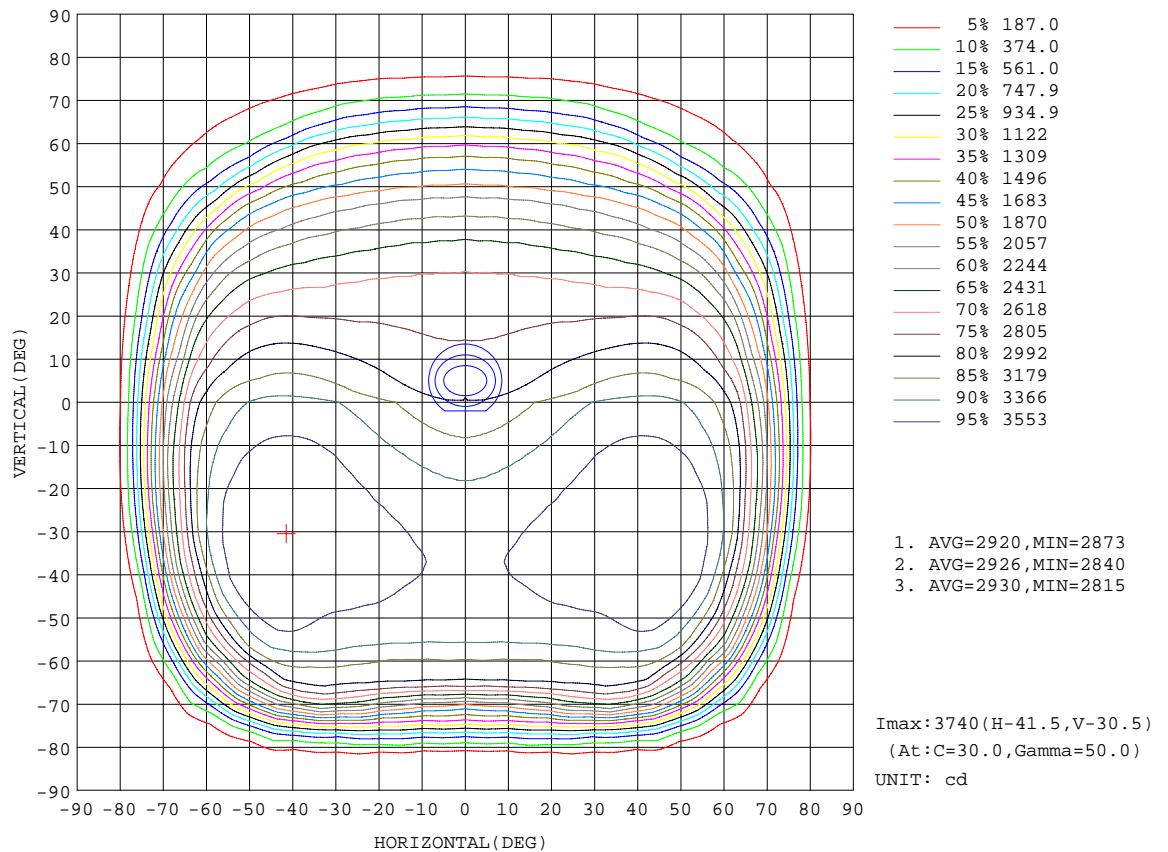
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
10	3057	3185	3222	3185	3057	2917	2858	2917	0- 10	289.6	289.6	2.27,2.27
20	3177	3384	3402	3384	3177	2856	2759	2856	10- 20	875.9	1165	9.15,9.15
30	3308	3537	3516	3537	3308	2753	2630	2753	20- 30	1459	2625	20.6,20.6
40	3363	3622	3539	3622	3363	2552	2366	2552	30- 40	1980	4604	36.1,36.1
50	3308	3641	3459	3641	3308	2206	1909	2206	40- 50	2366	6970	54.7,54.7
60	3017	3566	3172	3566	3017	1524	1284	1524	50- 60	2511	9481	74.4,74.4
70	1880	3093	1899	3093	1880	458.4	459.3	458.4	60- 70	2176	11657	91.5,91.5
80	177.0	705.0	257.8	705.0	177.0	91.79	65.74	91.79	70- 80	1014	12671	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	67.74	12738	100,100
100	0	0	0	0	0	0	0	0	90-100	0	12738	100,100
110	0	0	0	0	0	0	0	0	100-110	0	12738	100,100
120	0	0	0	0	0	0	0	0	110-120	0	12738	100,100
130	0	0	0	0	0	0	0	0	120-130	0	12738	100,100
140	0	0	0	0	0	0	0	0	130-140	0	12738	100,100
150	0	0	0	0	0	0	0	0	140-150	0	12738	100,100
160	0	0	0	0	0	0	0	0	150-160	0	12738	100,100
170	0	0	0	0	0	0	0	0	160-170	0	12738	100,100
180	0	0	0	0	0	0	0	0	170-180	0	12738	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:2020-06-05

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

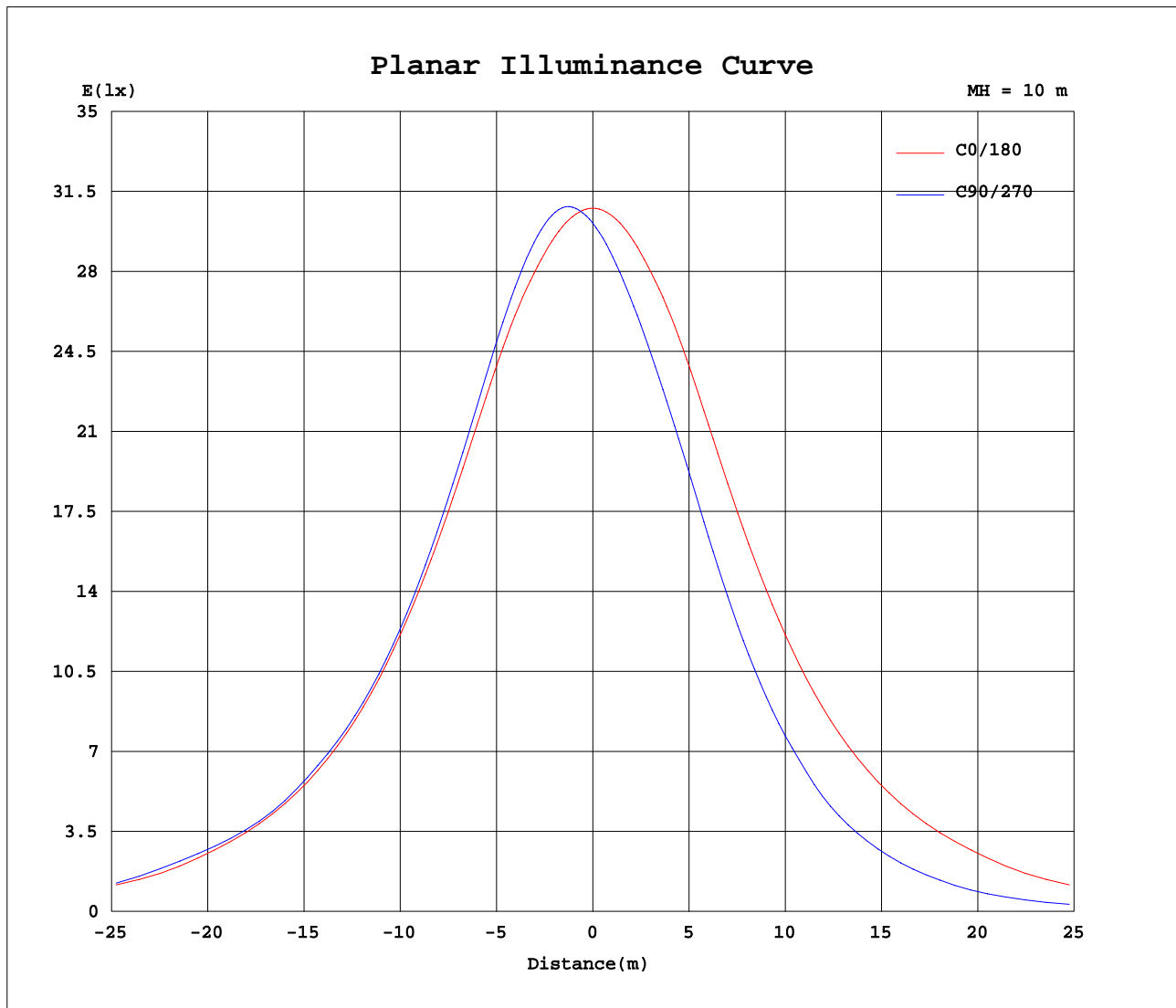
Test:U:219.3V I:0.4217A P:89.80W PF:0.9712 Freq:49.99Hz Lamp Flux:12738.3x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T411-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-06-05

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



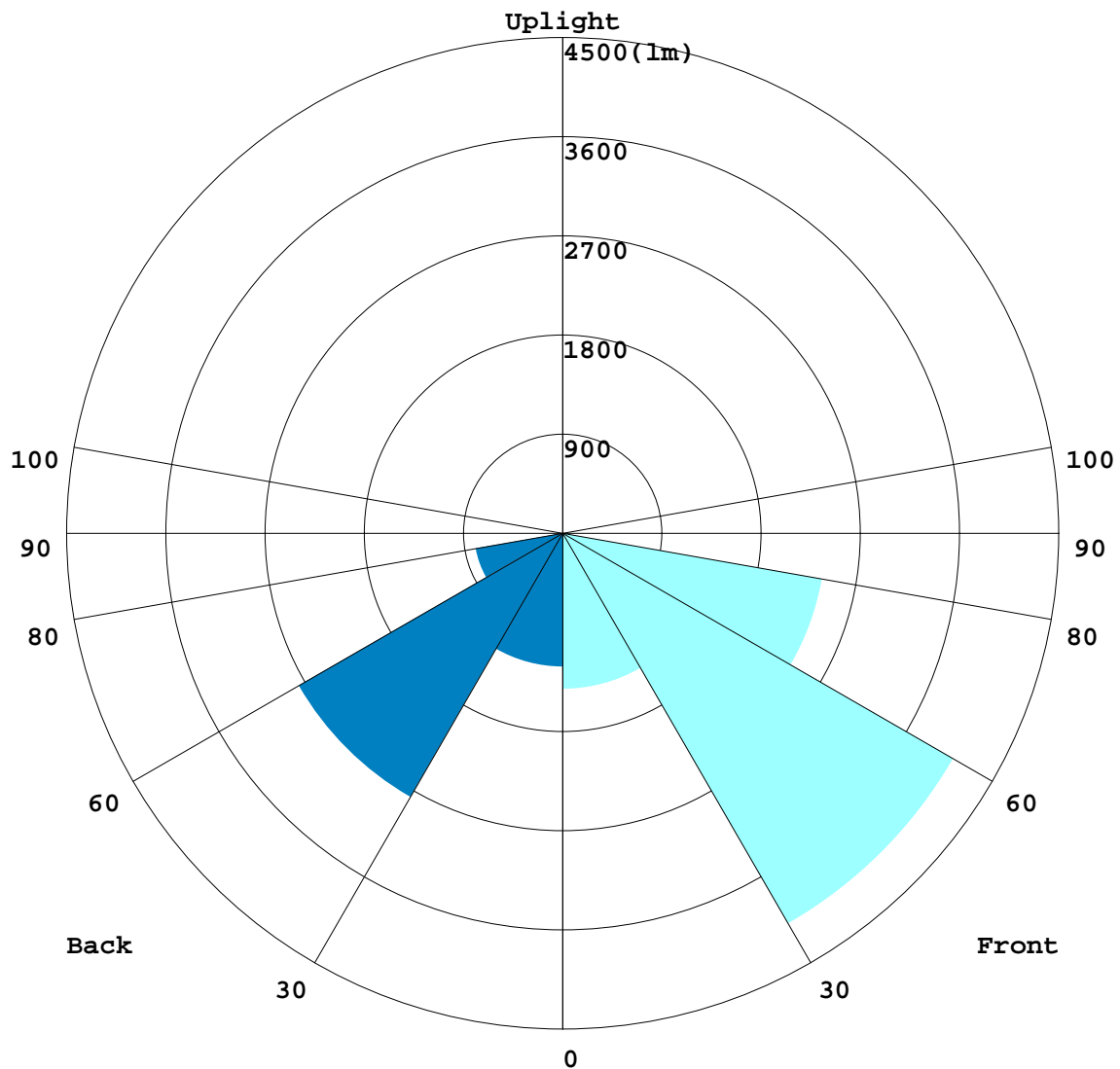
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-06-05

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:219.3V I:0.4217A P:89.80W PF:0.9712 Freq:49.99Hz Lamp Flux:12738.3x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T411-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:2020-06-05

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:219.3V I:0.4217A P:89.80W PF:0.9712 Freq:49.99Hz Lamp Flux:12738.3x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T411-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)	1413.5	11.1
FM - Front-Medium(30-60)	4091.5	32.1
FH - Front-High(60-80)	2388.9	18.8
FVH - Front-Very High(80-90)	52.515	0.4
Total Forward Light	7946.3	62.4

BL - Back-Low(0-30)	1211.2	9.5
BM - Back-Medium(30-60)	2765.1	21.7
BH - Back-High(60-80)	800.44	6.3
BVH - Back-Very High(80-90)	15.227	0.1
Total Back Light	4792	37.6

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4792	0	4792
Street Side	7946.3	0	7946.3

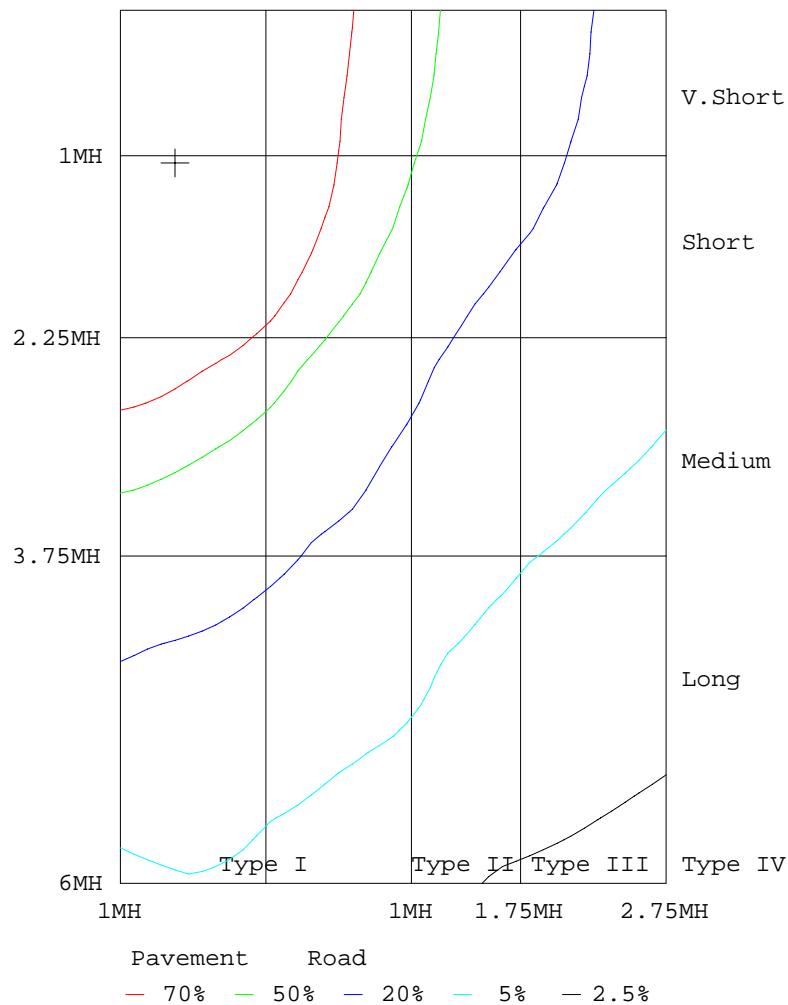
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-06-05

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:0.4217A P:89.80W PF:0.9712 Freq:49.99Hz Lamp Flux:12738.3x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T411-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:2020-06-05

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:0.4217A P:89.80W PF:0.9712 Freq:49.99Hz Lamp Flux:12738.3x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T411-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

Table--1

UNIT: cd

C(DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
γ (DEC)	0	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018
5	3027	3034	3043	3050	3059	3065	3073	3079	3086	3092	3097	3101	3106	3109	3112	3115	3116	3117	3118
10	3057	3071	3089	3105	3121	3135	3150	3161	3174	3185	3194	3201	3208	3212	3216	3219	3221	3222	3222
15	3105	3129	3158	3183	3208	3228	3248	3263	3277	3289	3298	3306	3312	3315	3317	3319	3318	3318	3317
20	3177	3211	3247	3276	3305	3326	3348	3362	3375	3384	3392	3396	3400	3401	3401	3403	3402	3403	3402
25	3251	3293	3335	3364	3393	3414	3433	3447	3458	3466	3473	3476	3477	3478	3475	3475	3473	3472	3472
30	3308	3358	3409	3448	3480	3499	3516	3526	3533	3537	3538	3538	3534	3531	3524	3523	3516	3517	3516
35	3345	3412	3473	3516	3550	3572	3582	3588	3590	3589	3584	3581	3573	3566	3553	3550	3543	3540	3538
40	3363	3440	3509	3564	3601	3627	3640	3639	3630	3622	3607	3602	3591	3581	3565	3558	3545	3545	3539
45	3358	3449	3529	3595	3644	3675	3686	3679	3657	3638	3619	3603	3582	3572	3549	3536	3519	3513	3506
50	3308	3421	3519	3602	3659	3701	3715	3704	3672	3641	3607	3589	3560	3543	3515	3498	3475	3466	3459
55	3207	3340	3468	3583	3646	3683	3689	3682	3643	3605	3564	3528	3482	3467	3438	3421	3397	3397	3394
60	3017	3199	3346	3485	3588	3634	3638	3641	3608	3566	3505	3453	3376	3315	3233	3206	3180	3184	3172
65	2589	2829	3024	3246	3371	3470	3490	3498	3494	3427	3313	3224	3149	3110	3053	3027	2976	2966	2935
70	1880	2141	2328	2566	2754	2906	2977	3071	3068	3093	3035	2976	2809	2615	2378	2232	2056	1988	1899
75	923	1150	1302	1541	1721	1952	1945	2140	2190	2238	2118	2044	1722	1556	1330	1243	1115	1123	1053
80	177	249	218	372	391	535	565	679	665	705	597	527	429	413	374	365	278	296	258
85	28.0	29.7	28.8	31.2	30.9	35.8	35.4	42.2	44.5	55.0	51.3	57.4	49.1	44.7	35.6	35.4	32.4	35.3	33.7
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:2020-06-05

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:0.4217A P:89.80W PF:0.9712 Freq:49.99Hz Lamp Flux:12738.3x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T411-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018
5	3117	3116	3115	3112	3109	3106	3101	3097	3092	3086	3079	3073	3065	3059	3050	3043	3034	3027	3018
10	3222	3221	3219	3216	3212	3208	3201	3194	3185	3174	3161	3150	3135	3121	3105	3089	3071	3057	3037
15	3318	3318	3319	3317	3315	3312	3306	3298	3289	3277	3263	3248	3228	3208	3183	3158	3129	3105	3073
20	3403	3402	3403	3401	3401	3400	3396	3392	3384	3375	3362	3348	3326	3305	3276	3247	3211	3177	3132
25	3472	3473	3475	3475	3478	3477	3476	3473	3466	3458	3447	3433	3414	3393	3364	3335	3293	3251	3193
30	3517	3516	3523	3524	3531	3534	3538	3538	3537	3533	3526	3516	3499	3480	3448	3409	3358	3308	3237
35	3540	3543	3550	3553	3566	3573	3581	3584	3589	3590	3588	3582	3572	3550	3516	3473	3412	3345	3262
40	3545	3545	3558	3565	3581	3591	3602	3607	3622	3630	3639	3640	3627	3601	3564	3509	3440	3363	3262
45	3513	3519	3536	3549	3572	3582	3603	3619	3638	3657	3679	3686	3675	3644	3595	3529	3449	3358	3238
50	3466	3475	3498	3515	3543	3560	3589	3607	3641	3672	3704	3715	3701	3659	3602	3519	3421	3308	3167
55	3397	3397	3421	3438	3467	3482	3528	3564	3605	3643	3682	3689	3683	3646	3583	3468	3340	3207	3042
60	3184	3180	3206	3233	3315	3376	3453	3505	3566	3608	3641	3638	3634	3588	3485	3346	3199	3017	2813
65	2966	2976	3027	3053	3110	3149	3224	3313	3427	3494	3498	3490	3470	3371	3246	3024	2829	2589	2344
70	1988	2056	2232	2378	2615	2809	2976	3035	3093	3068	3071	2977	2906	2754	2566	2328	2141	1880	1619
75	1123	1115	1243	1330	1556	1722	2044	2118	2238	2190	2140	1945	1952	1721	1541	1302	1150	923	711
80	296	278	365	374	413	429	527	597	705	665	679	565	535	391	372	218	249	177	152
85	35.3	32.4	35.4	35.6	44.7	49.1	57.4	51.3	55.0	44.5	42.2	35.4	35.8	30.9	31.2	28.8	29.7	28.0	28.1
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:2020-06-05

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:0.4217A P:89.80W PF:0.9712 Freq:49.99Hz Lamp Flux:12738.3x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T411-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	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018
5	3009	3002	2993	2986	2978	2972	2964	2958	2952	2947	2942	2939	2935	2933	2931	2931	2930	2931	2931
10	3019	3004	2986	2972	2956	2943	2929	2917	2904	2895	2885	2877	2870	2866	2861	2860	2858	2860	2861
15	3043	3019	2991	2970	2945	2924	2903	2885	2868	2855	2841	2831	2822	2815	2809	2807	2806	2807	2809
20	3087	3050	3007	2973	2936	2907	2880	2856	2834	2816	2798	2786	2776	2772	2765	2762	2759	2762	2765
25	3131	3073	3017	2968	2920	2881	2846	2815	2789	2770	2753	2739	2728	2720	2714	2710	2710	2710	2714
30	3162	3085	3009	2943	2881	2829	2789	2753	2724	2700	2682	2664	2656	2641	2636	2627	2630	2627	2636
35	3173	3076	2983	2897	2823	2761	2715	2671	2640	2605	2580	2553	2544	2528	2522	2512	2516	2512	2522
40	3163	3050	2935	2827	2739	2664	2609	2552	2512	2470	2441	2415	2403	2380	2371	2362	2366	2362	2371
45	3119	2989	2859	2734	2633	2539	2469	2402	2354	2305	2269	2239	2221	2198	2192	2177	2178	2177	2192
50	3029	2880	2735	2589	2473	2368	2286	2206	2149	2091	2059	2009	1976	1931	1920	1902	1909	1902	1920
55	2879	2695	2541	2375	2244	2121	2031	1945	1864	1765	1724	1679	1663	1636	1635	1620	1629	1620	1635
60	2618	2402	2231	2051	1918	1766	1650	1524	1473	1406	1376	1326	1315	1285	1288	1270	1284	1270	1288
65	2139	1913	1742	1529	1360	1168	1097	1027	1002	952	918	872	865	839	843	826	841	826	843
70	1422	1159	959	724	607	499	483	458	473	470	487	469	469	452	457	448	459	448	457
75	585	412	318	258	251	227	228	216	218	214	229	218	225	209	210	204	211	204	210
80	133	113	107	105	101	95.6	96.4	91.8	91.5	86.2	86.3	81.1	79.4	69.6	66.0	60.9	65.7	60.9	66.0
85	28.4	27.4	28.2	25.8	25.0	22.2	22.2	20.9	21.6	18.4	14.7	10.7	7.69	4.28	2.84	0.60	0.57	0.60	2.84
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:2020-06-05

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:0.4217A P:89.80W PF:0.9712 Freq:49.99Hz Lamp Flux:12738.3x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T411-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	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018	3018				
5	2933	2935	2939	2942	2947	2952	2958	2964	2972	2978	2986	2993	3002	3009	3018				
10	2866	2870	2877	2885	2895	2904	2917	2929	2943	2956	2972	2986	3004	3019	3037				
15	2815	2822	2831	2841	2855	2868	2885	2903	2924	2945	2970	2991	3019	3043	3073				
20	2772	2776	2786	2798	2816	2834	2856	2880	2907	2936	2973	3007	3050	3087	3132				
25	2720	2728	2739	2753	2770	2789	2815	2846	2881	2920	2968	3017	3073	3131	3193				
30	2641	2656	2664	2682	2700	2724	2753	2789	2829	2881	2943	3009	3085	3162	3237				
35	2528	2544	2553	2580	2605	2640	2671	2715	2761	2823	2897	2983	3076	3173	3262				
40	2380	2403	2415	2441	2470	2512	2552	2609	2664	2739	2827	2935	3050	3163	3262				
45	2198	2221	2239	2269	2305	2354	2402	2469	2539	2633	2734	2859	2989	3119	3238				
50	1931	1976	2009	2059	2091	2149	2206	2286	2368	2473	2589	2735	2880	3029	3167				
55	1636	1663	1679	1724	1765	1864	1945	2031	2121	2244	2375	2541	2695	2879	3042				
60	1285	1315	1326	1376	1406	1473	1524	1650	1766	1918	2051	2231	2402	2618	2813				
65	839	865	872	918	952	1002	1027	1097	1168	1360	1529	1742	1913	2139	2344				
70	452	469	469	487	470	473	458	483	499	607	724	959	1159	1422	1619				
75	209	225	218	229	214	218	216	228	227	251	258	318	412	585	711				
80	69.6	79.4	81.1	86.3	86.2	91.5	91.8	96.4	95.6	101	105	107	113	133	152				
85	4.28	7.69	10.7	14.7	18.4	21.6	20.9	22.2	22.2	25.0	25.8	28.2	27.4	28.4	28.1				
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:2020-06-05

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: