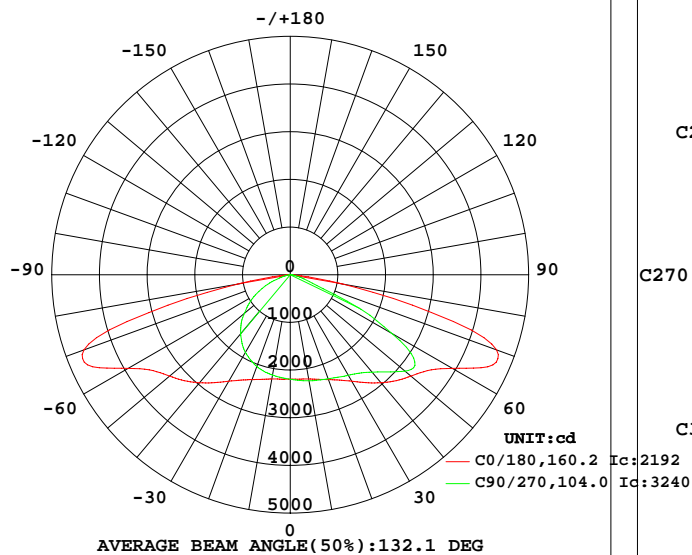
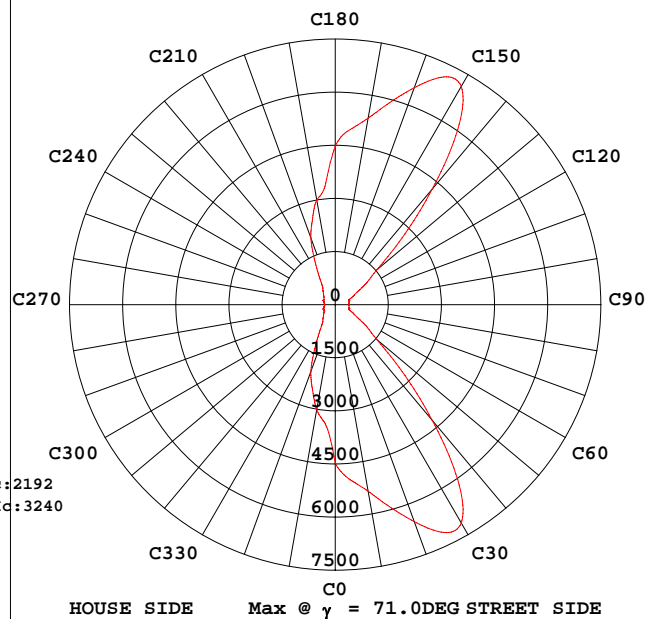


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.4218A P:89.81W PF:0.9712 Freq:49.99Hz Lamp Flux:11959.7x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T301-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.17 lm/W			
MODEL	3030	I _{max} (cd)	7117	η street_up(%)	0.0
NOMINAL POWER(W)	90	LOR(%)	100.0	η street_down(%)	63.2
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	11960	η house_up(%)	0.0
NOMINAL FLUX(lm)	11959.7	MAXIMUM @(C,γ)	150,71.0	η house_down(%)	36.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.650

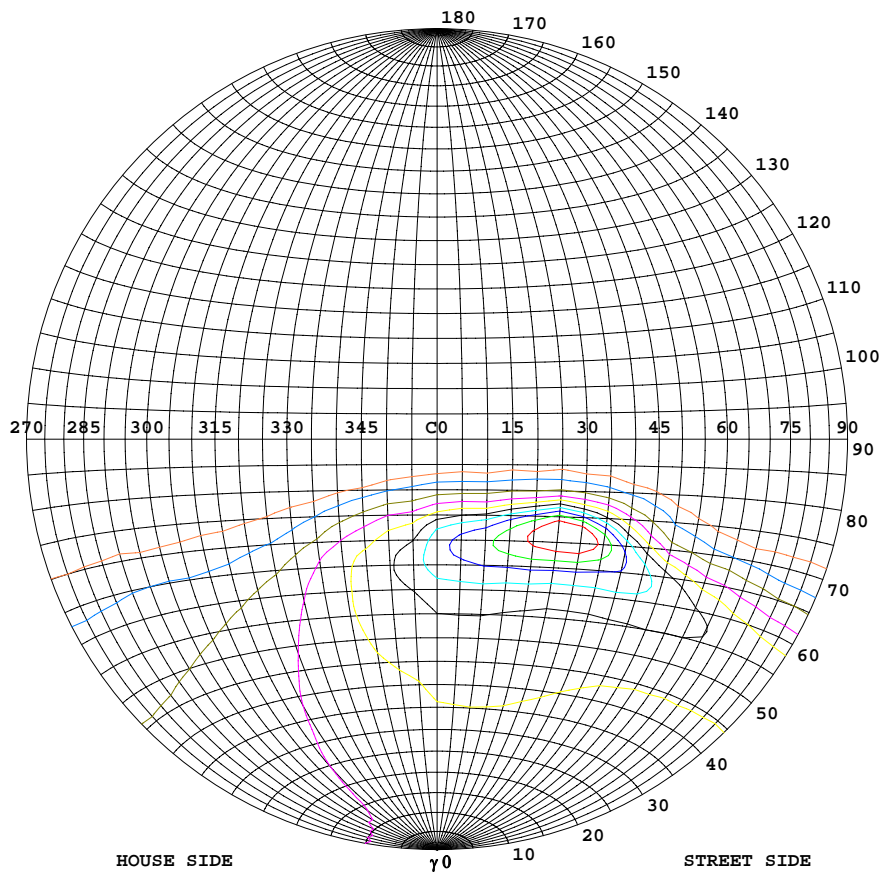
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:0.4218A P:89.81W PF:0.9712 Freq:49.99Hz Lamp Flux:11959.7x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T301-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:



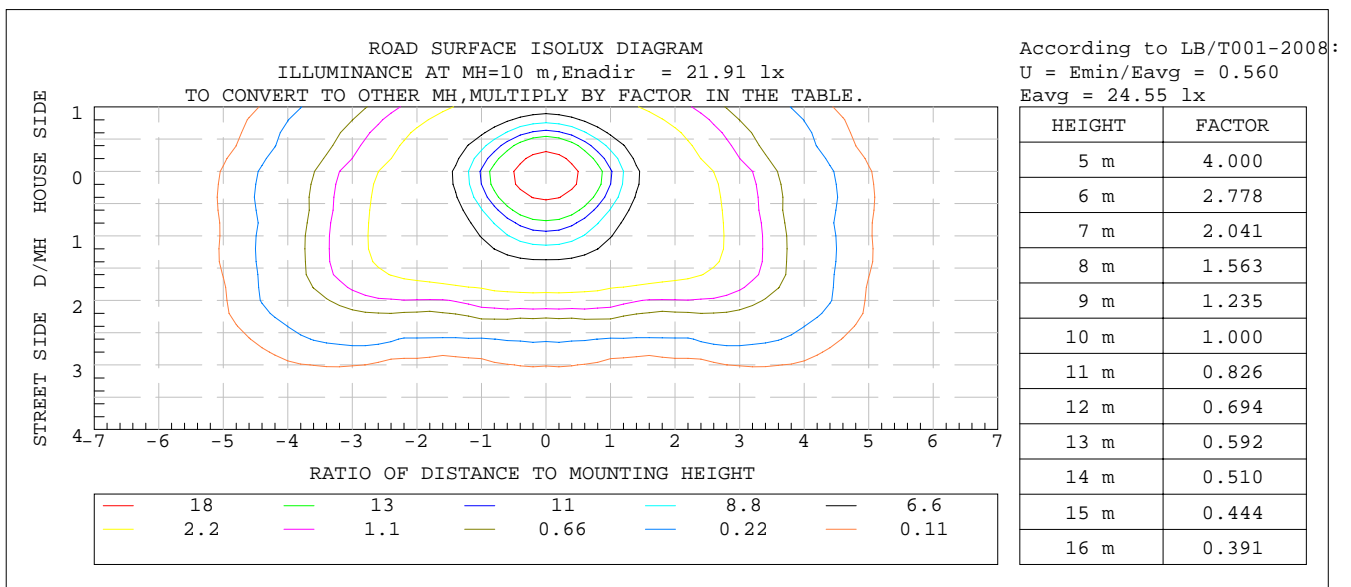
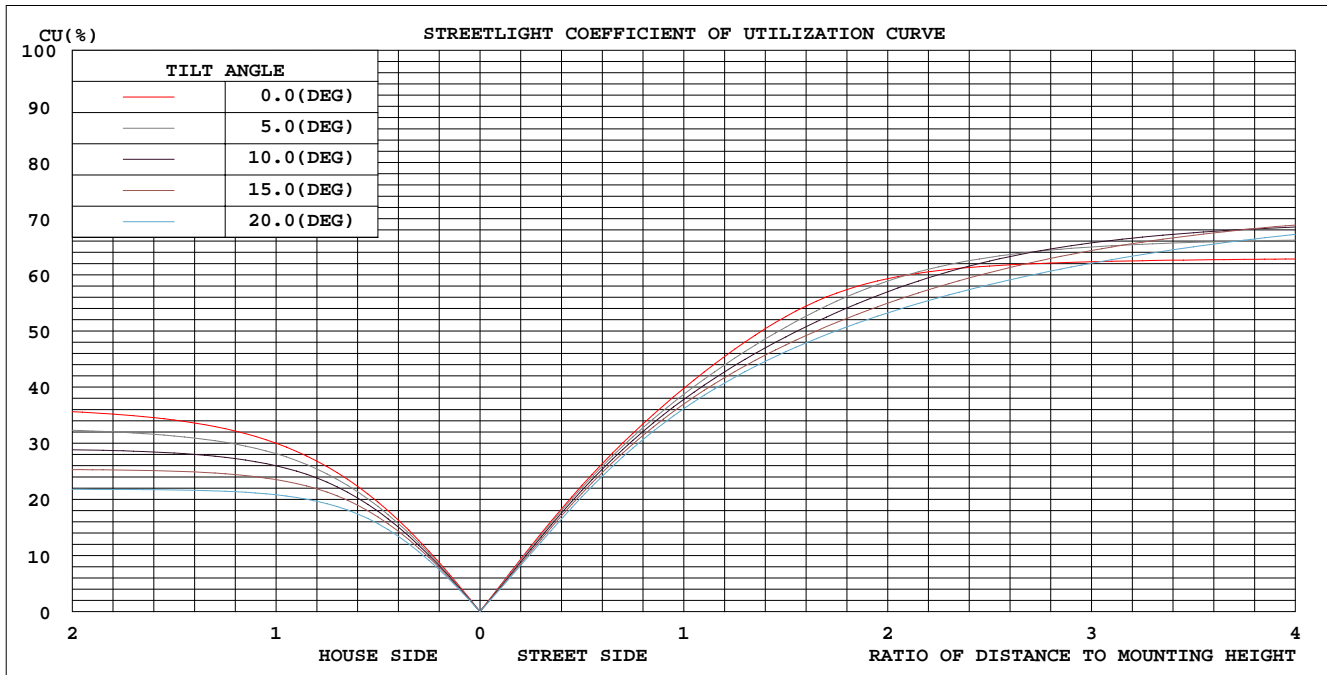
Classification:

IES:Type III - Medium
 CIE:Broad - Long
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:127.4cd/klm
 Max.At90:0cd/klm
 Max.80-90:127.4cd/klm
 NRB 5101:Limited[8.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7117
90%	6405
80%	5693
70%	4982
60%	4270
50%	3558
40%	2847
30%	2135
20%	1423
10%	712
5%	356

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:0.4218A P:89.81W PF:0.9712 Freq:49.99Hz Lamp Flux:11959.7x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T301-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

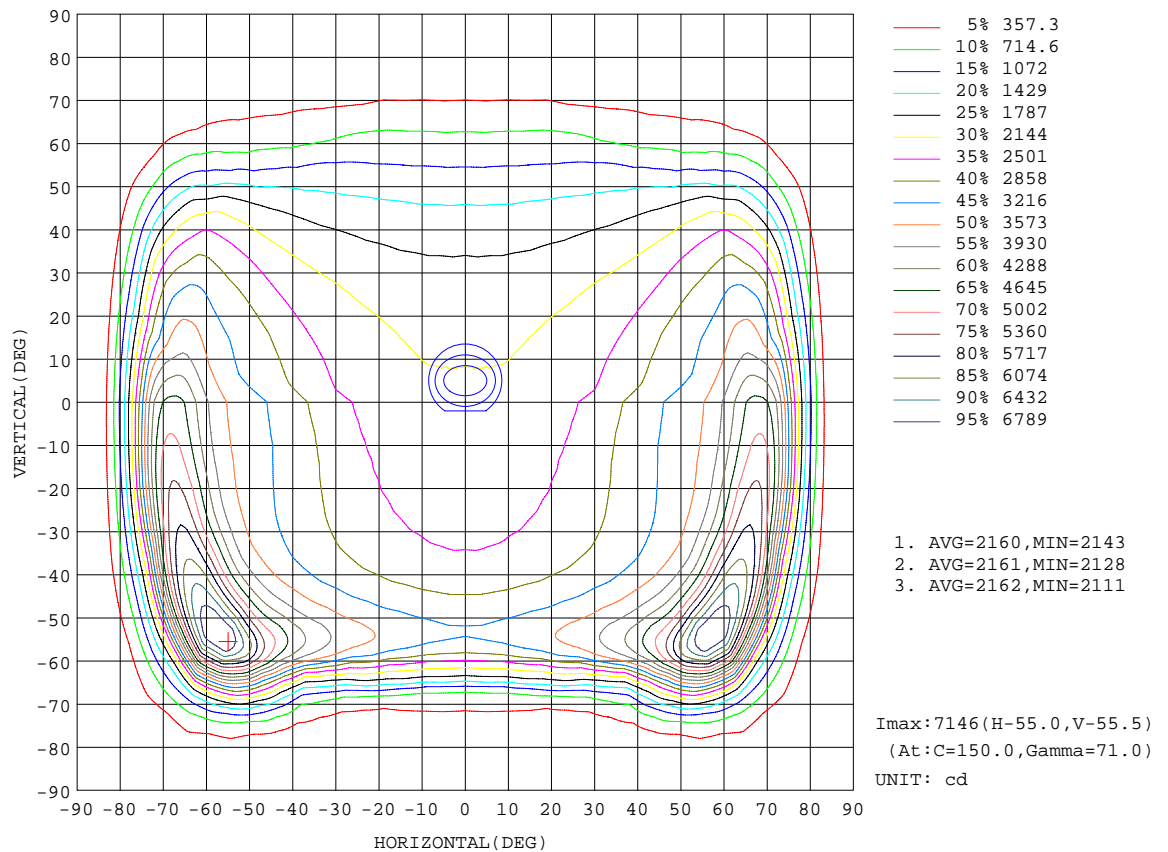
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	2220	2254	2258	2254	2220	2159	2138	2159	0- 10	210.0	210.0	1.76,1.76
20	2340	2366	2323	2366	2340	2149	2050	2149	10- 20	633.1	843.0	7.05,7.05
30	2580	2538	2435	2538	2580	2121	1881	2121	20- 30	1065	1908	16,16
40	2957	2763	2668	2763	2957	2035	1619	2035	30- 40	1511	3419	28.6,28.6
50	3305	3126	3144	3126	3305	1818	1252	1818	40- 50	1963	5382	45,45
60	3929	4083	2463	4083	3929	1333	846.9	1333	50- 60	2404	7786	65.1,65.1
70	4602	3094	431.1	3094	4602	524.8	360.7	524.8	60- 70	2566	10352	86.6,86.6
80	1121	388.0	107.5	388.0	1121	97.75	49.70	97.75	70- 80	1483	11835	99,99
90	0	0	0	0	0	0	0	0	80- 90	124.9	11960	100,100
100	0	0	0	0	0	0	0	0	90-100	0	11960	100,100
110	0	0	0	0	0	0	0	0	100-110	0	11960	100,100
120	0	0	0	0	0	0	0	0	110-120	0	11960	100,100
130	0	0	0	0	0	0	0	0	120-130	0	11960	100,100
140	0	0	0	0	0	0	0	0	130-140	0	11960	100,100
150	0	0	0	0	0	0	0	0	140-150	0	11960	100,100
160	0	0	0	0	0	0	0	0	150-160	0	11960	100,100
170	0	0	0	0	0	0	0	0	160-170	0	11960	100,100
180	0	0	0	0	0	0	0	0	170-180	0	11960	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

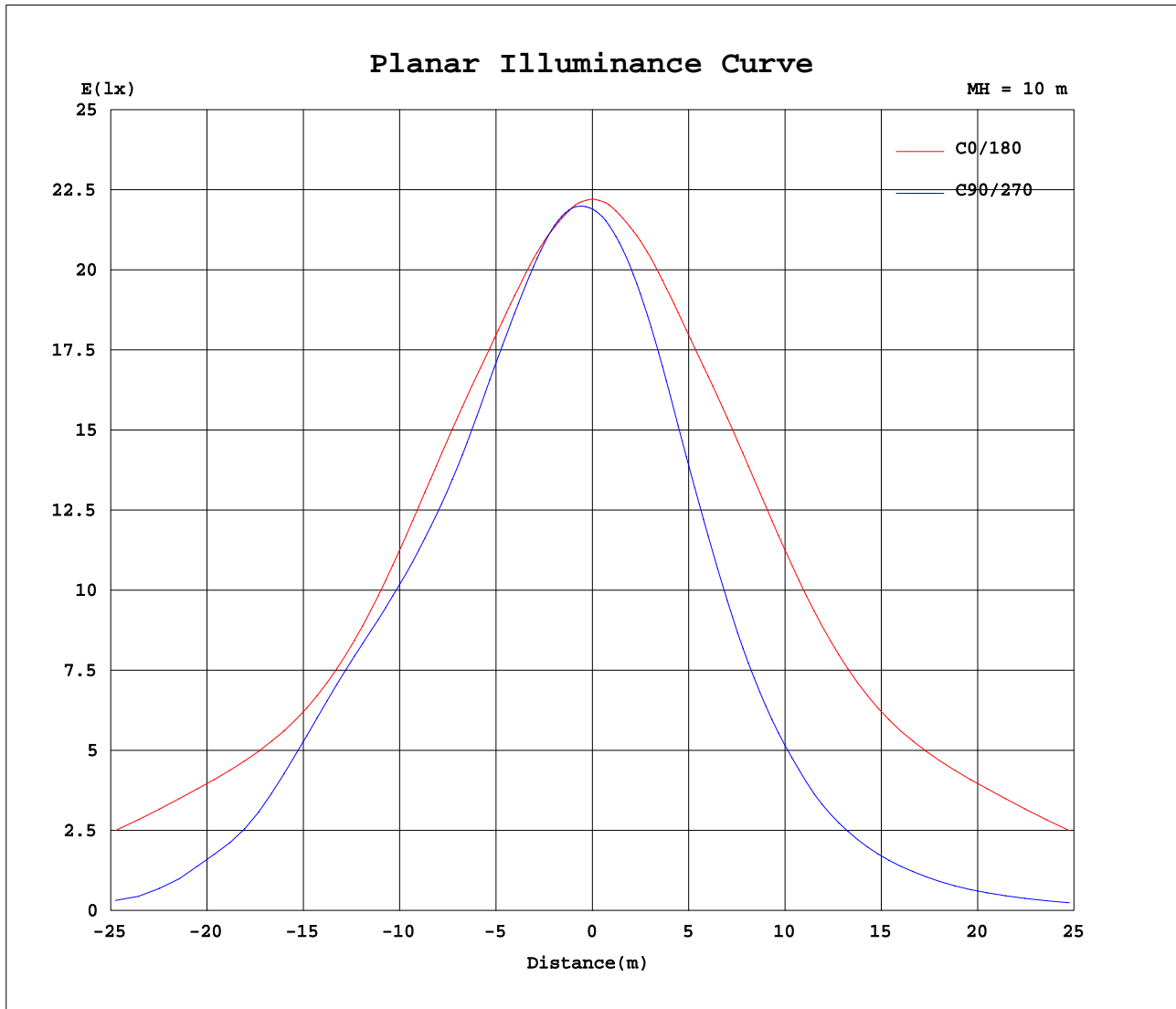
Test:U:219.3V I:0.4218A P:89.81W PF:0.9712 Freq:49.99Hz Lamp Flux:11959.7x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T301-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:



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



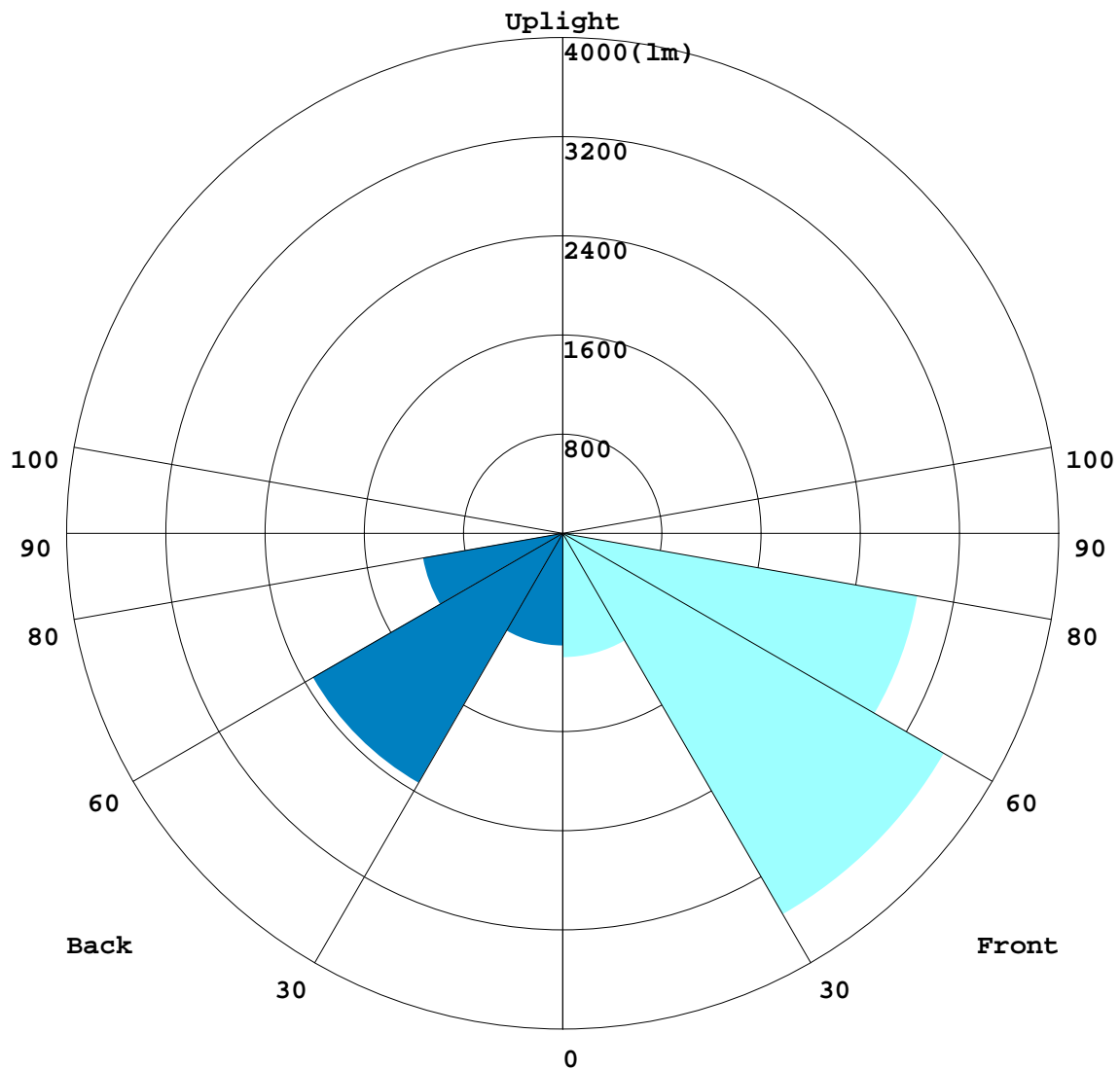
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-06-05

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:0.4218A P:89.81W PF:0.9712 Freq:49.99Hz Lamp Flux:11959.7x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T301-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:0.4218A P:89.81W PF:0.9712 Freq:49.99Hz Lamp Flux:11959.7x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T301-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)	1001.4	8.4
FM - Front-Medium(30-60)	3551.7	29.7
FH - Front-High(60-80)	2906.4	24.3
FVH - Front-Very High(80-90)	94.193	0.8
Total Forward Light	7553.7	63.2

BL - Back-Low(0-30)	907.05	7.6
BM - Back-Medium(30-60)	2325.8	19.4
BH - Back-High(60-80)	1142.4	9.6
BVH - Back-Very High(80-90)	30.719	0.3
Total Back Light	4405.9	36.8

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	4405.9	0	4405.9
Street Side	7553.7	0	7553.7

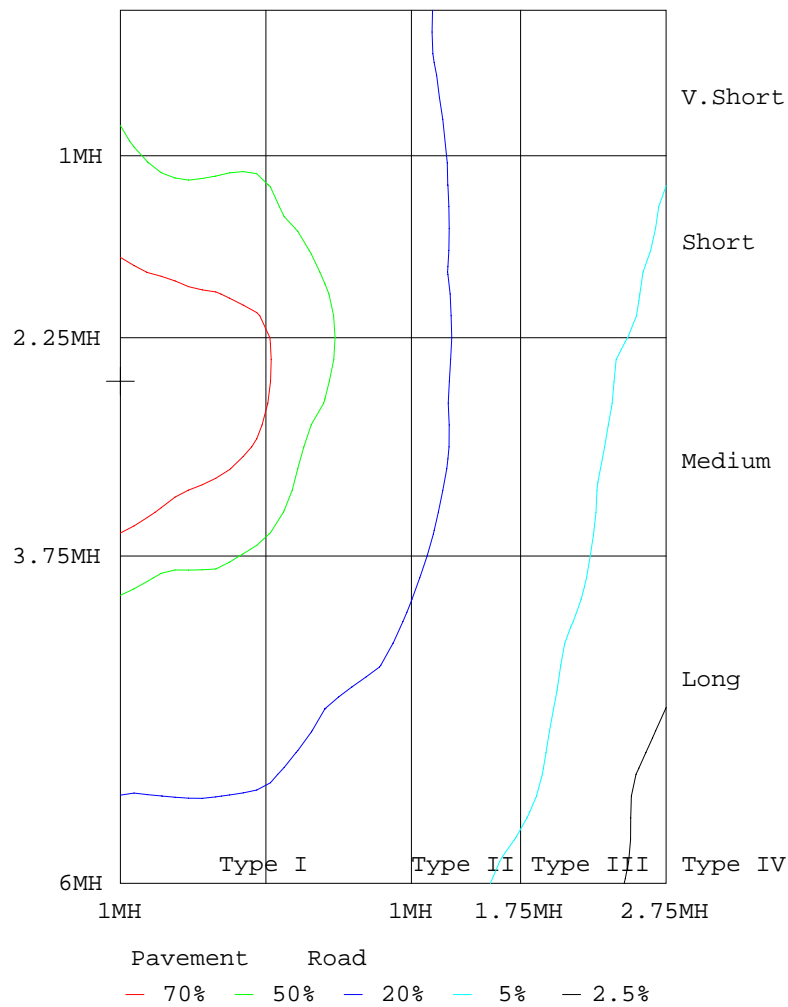
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-06-05

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:0.4218A P:89.81W PF:0.9712 Freq:49.99Hz Lamp Flux:11959.7x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T301-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:0.4218A P:89.81W PF:0.9712 Freq:49.99Hz Lamp Flux:11959.7x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T301-P	DIM.: 530*240*75mm	SERIAL No.:
MFR.: AOK	SUR.:200*150mm	Shielding Angle:

Table--1

UNIT: cd

C(°) \ γ (°)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192
5	2199	2201	2204	2205	2208	2209	2212	2213	2215	2216	2218	2219	2221	2221	2223	2222	2224	2224	2225
10	2220	2224	2231	2234	2240	2243	2248	2250	2253	2254	2256	2257	2259	2258	2259	2258	2259	2258	2258
15	2271	2277	2286	2290	2296	2297	2301	2299	2303	2299	2302	2300	2301	2298	2297	2293	2291	2290	2288
20	2340	2349	2364	2370	2378	2379	2383	2377	2376	2366	2362	2353	2347	2340	2337	2330	2327	2323	2323
25	2440	2455	2475	2481	2490	2486	2483	2469	2462	2446	2435	2420	2409	2397	2388	2379	2377	2371	2372
30	2580	2602	2626	2630	2632	2616	2603	2579	2561	2538	2525	2502	2488	2472	2461	2446	2439	2432	2435
35	2762	2791	2814	2811	2799	2766	2733	2700	2674	2648	2627	2601	2583	2565	2553	2537	2528	2518	2520
40	2957	2986	2998	2979	2953	2908	2869	2829	2794	2763	2742	2724	2710	2697	2692	2681	2676	2667	2668
45	3142	3161	3170	3144	3105	3051	3006	2960	2927	2907	2900	2890	2900	2896	2905	2898	2890	2880	2882
50	3305	3322	3323	3294	3256	3206	3163	3128	3119	3126	3159	3170	3193	3190	3199	3181	3166	3142	3144
55	3509	3535	3545	3502	3465	3414	3412	3425	3471	3504	3553	3554	3559	3525	3456	3374	3279	3229	3191
60	3929	3987	4034	3978	3968	3907	3937	3984	4066	4083	4051	3870	3611	3401	3070	2864	2626	2526	2463
65	4572	4754	4972	5032	5168	5142	5172	5049	4936	4499	3856	3176	2453	2191	1910	1758	1508	1438	1316
70	4602	5109	5483	5958	6483	6921	7014	6202	4705	3094	1855	1409	976	736	524	492	451	450	431
75	3064	3494	3679	4486	5151	5913	5100	3664	2348	1368	653	445	302	277	259	257	242	241	230
80	1121	1145	1159	1334	1361	1524	1279	958	582	388	214	151	129	127	120	115	109	110	108
85	133	152	134	214	164	239	171	145	102	72.1	45.7	39.1	34.0	34.3	31.9	32.6	30.5	32.2	30.6
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:0.4218A P:89.81W PF:0.9712 Freq:49.99Hz Lamp Flux:11959.7x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T301-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	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192
5	2224	2224	2222	2223	2221	2221	2219	2218	2216	2215	2213	2212	2209	2208	2205	2204	2201	2199	2190
10	2258	2259	2258	2259	2258	2259	2257	2256	2254	2253	2250	2248	2243	2240	2234	2231	2224	2220	2202
15	2290	2291	2293	2297	2298	2301	2300	2302	2299	2303	2299	2301	2297	2296	2290	2286	2277	2271	2248
20	2323	2327	2330	2337	2340	2347	2353	2362	2366	2376	2377	2383	2379	2378	2370	2364	2349	2340	2309
25	2371	2377	2379	2388	2397	2409	2420	2435	2446	2462	2469	2483	2486	2490	2481	2475	2455	2440	2403
30	2432	2439	2446	2461	2472	2488	2502	2525	2538	2561	2579	2603	2616	2632	2630	2626	2602	2580	2514
35	2518	2528	2537	2553	2565	2583	2601	2627	2648	2674	2700	2733	2766	2799	2811	2814	2791	2762	2659
40	2667	2676	2681	2692	2697	2710	2724	2742	2763	2794	2829	2869	2908	2953	2979	2998	2986	2957	2838
45	2880	2890	2898	2905	2896	2900	2890	2900	2907	2927	2960	3006	3051	3105	3144	3170	3161	3142	3004
50	3142	3166	3181	3199	3190	3193	3170	3159	3126	3119	3128	3163	3206	3256	3294	3323	3322	3305	3143
55	3229	3279	3374	3456	3525	3559	3554	3553	3504	3471	3425	3412	3414	3465	3502	3545	3535	3509	3322
60	2526	2626	2864	3070	3401	3611	3870	4051	4083	4066	3984	3937	3907	3968	3978	4034	3987	3929	3618
65	1438	1508	1758	1910	2191	2453	3176	3856	4499	4936	5049	5172	5142	5168	5032	4972	4754	4572	3975
70	450	451	492	524	736	976	1409	1855	3094	4705	6202	7014	6921	6483	5958	5483	5109	4602	3564
75	241	242	257	259	277	302	445	653	1368	2348	3664	5100	5913	5151	4486	3679	3494	3064	2357
80	110	109	115	120	127	129	151	214	388	582	958	1279	1524	1361	1334	1159	1145	1121	873
85	32.2	30.5	32.6	31.9	34.3	34.0	39.1	45.7	72.1	102	145	171	239	164	214	134	152	133	124
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:0.4218A P:89.81W PF:0.9712 Freq:49.99Hz Lamp Flux:11959.7x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T301-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	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192
5	2192	2190	2188	2185	2182	2180	2178	2175	2173	2171	2169	2169	2167	2166	2165	2165	2165	2165	2165
10	2203	2198	2190	2184	2177	2171	2164	2159	2154	2150	2147	2144	2141	2139	2138	2137	2138	2137	2138
15	2243	2233	2217	2204	2188	2176	2161	2150	2137	2129	2122	2117	2112	2106	2103	2101	2102	2101	2103
20	2297	2279	2256	2236	2213	2193	2170	2149	2127	2109	2093	2080	2068	2058	2053	2049	2050	2049	2053
25	2370	2342	2306	2277	2241	2209	2175	2143	2110	2077	2049	2021	2002	1986	1976	1968	1971	1968	1976
30	2467	2423	2370	2322	2273	2226	2173	2121	2073	2025	1987	1951	1926	1900	1888	1878	1881	1878	1888
35	2598	2530	2453	2377	2298	2228	2156	2084	2021	1961	1908	1861	1824	1790	1773	1759	1763	1759	1773
40	2752	2653	2535	2431	2324	2221	2126	2035	1952	1870	1805	1740	1692	1651	1629	1615	1619	1615	1629
45	2920	2798	2624	2467	2322	2185	2063	1946	1844	1748	1672	1601	1547	1500	1474	1456	1459	1456	1474
50	3069	2935	2716	2497	2298	2119	1961	1818	1700	1590	1508	1424	1358	1299	1269	1249	1252	1249	1269
55	3205	3040	2789	2509	2233	1996	1810	1639	1496	1358	1271	1196	1149	1105	1079	1056	1053	1056	1079
60	3353	3098	2788	2446	2098	1802	1554	1333	1214	1114	1045	979	935	893	868	845	847	845	868
65	3500	3131	2699	2236	1779	1337	1083	897	805	745	738	714	693	654	631	608	612	608	631
70	3173	2636	2178	1554	1049	743	610	525	483	435	413	404	421	392	377	355	361	355	377
75	2136	1616	1126	710	490	377	318	269	250	221	213	191	187	175	171	163	167	163	171
80	668	423	316	193	154	125	105	97.7	86.3	77.8	74.3	67.5	62.2	53.6	51.6	47.4	49.7	47.4	51.6
85	61.7	45.8	41.3	34.5	30.0	23.0	19.1	14.3	9.93	7.01	4.03	2.44	2.60	1.93	2.08	0.51	0.65	0.51	2.08
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:0.4218A P:89.81W PF:0.9712 Freq:49.99Hz Lamp Flux:11959.7x1 lm		
NAME: AOK IL02	TYPE:LED Street Light	WEIGHT:4.5kg
SPEC.:AOK-90WiL02-NV-L3-00-4070-T301-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	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192	2192				
5	2166	2167	2169	2169	2171	2173	2175	2178	2180	2182	2185	2188	2190	2192	2190				
10	2139	2141	2144	2147	2150	2154	2159	2164	2171	2177	2184	2190	2198	2203	2202				
15	2106	2112	2117	2122	2129	2137	2150	2161	2176	2188	2204	2217	2233	2243	2248				
20	2058	2068	2080	2093	2109	2127	2149	2170	2193	2213	2236	2256	2279	2297	2309				
25	1986	2002	2021	2049	2077	2110	2143	2175	2209	2241	2277	2306	2342	2370	2403				
30	1900	1926	1951	1987	2025	2073	2121	2173	2226	2273	2322	2370	2423	2467	2514				
35	1790	1824	1861	1908	1961	2021	2084	2156	2228	2298	2377	2453	2530	2598	2659				
40	1651	1692	1740	1805	1870	1952	2035	2126	2221	2324	2431	2535	2653	2752	2838				
45	1500	1547	1601	1672	1748	1844	1946	2063	2185	2322	2467	2624	2798	2920	3004				
50	1299	1358	1424	1508	1590	1700	1818	1961	2119	2298	2497	2716	2935	3069	3143				
55	1105	1149	1196	1271	1358	1496	1639	1810	1996	2233	2509	2789	3040	3205	3322				
60	893	935	979	1045	1114	1214	1333	1554	1802	2098	2446	2788	3098	3353	3618				
65	654	693	714	738	745	805	897	1083	1337	1779	2236	2699	3131	3500	3975				
70	392	421	404	413	435	483	525	610	743	1049	1554	2178	2636	3173	3564				
75	175	187	191	213	221	250	269	318	377	490	710	1126	1616	2136	2357				
80	53.6	62.2	67.5	74.3	77.8	86.3	97.7	105	125	154	193	316	423	668	873				
85	1.93	2.60	2.44	4.03	7.01	9.93	14.3	19.1	23.0	30.0	34.5	41.3	45.8	61.7	124				
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: