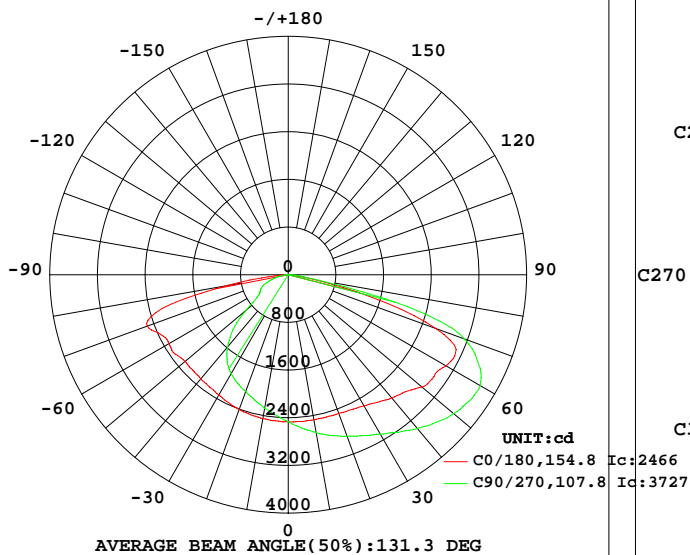
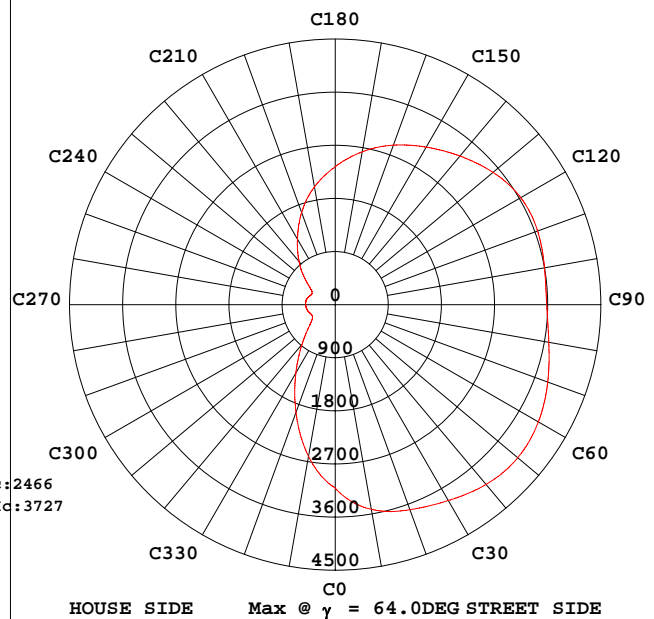


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.3359A P:73.15W PF:0.9929 Freq:50.01Hz Lamp Flux:11890.1x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-75WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 162.55 lm/W			
MODEL	2835	Imax(cd)	4021	η street_up(%)	0.0
NOMINAL POWER(W)	75	LOR(%)	100.0	η street_down(%)	68.8
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	11890	η house_up(%)	0.0
NOMINAL FLUX(lm)	11890.1	MAXIMUM @(C, γ)	45,64.0	η house_down(%)	31.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.006

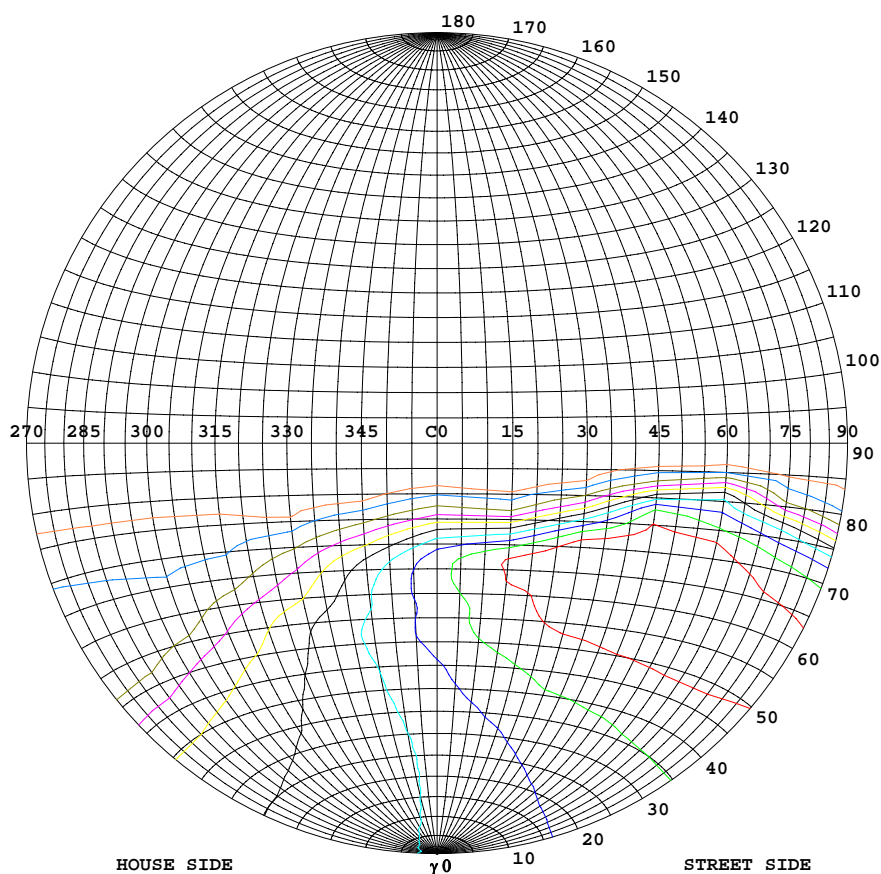
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-2

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.3V I:0.3359A P:73.15W PF:0.9929 Freq:50.01Hz Lamp Flux:11890.1x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-75WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:



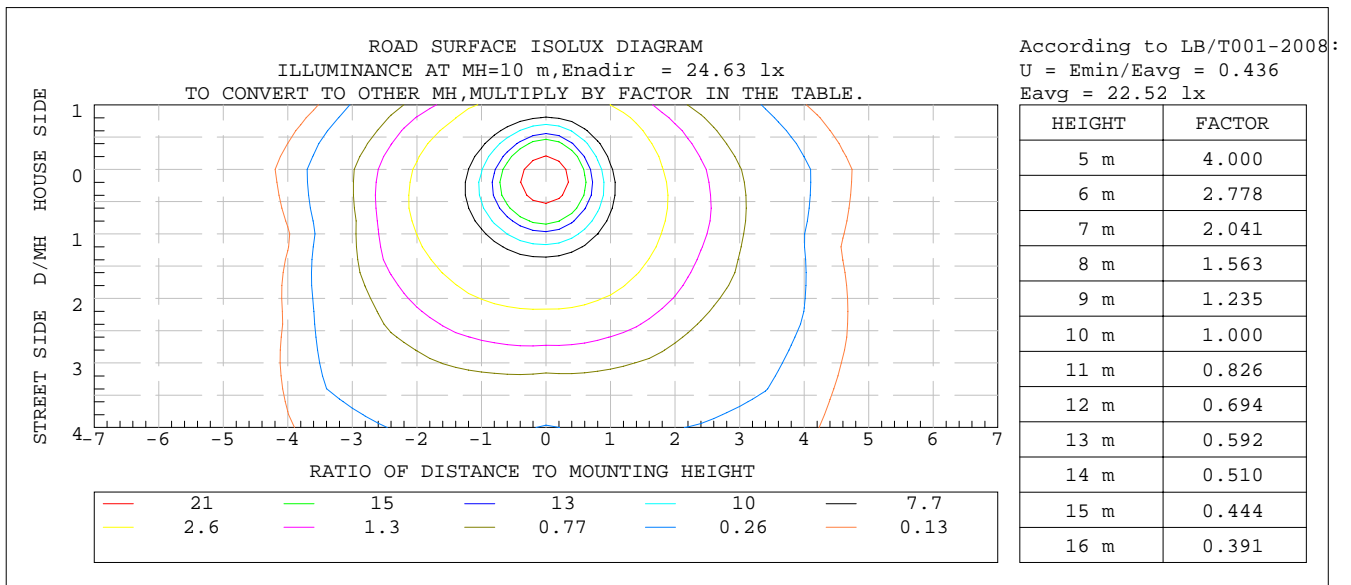
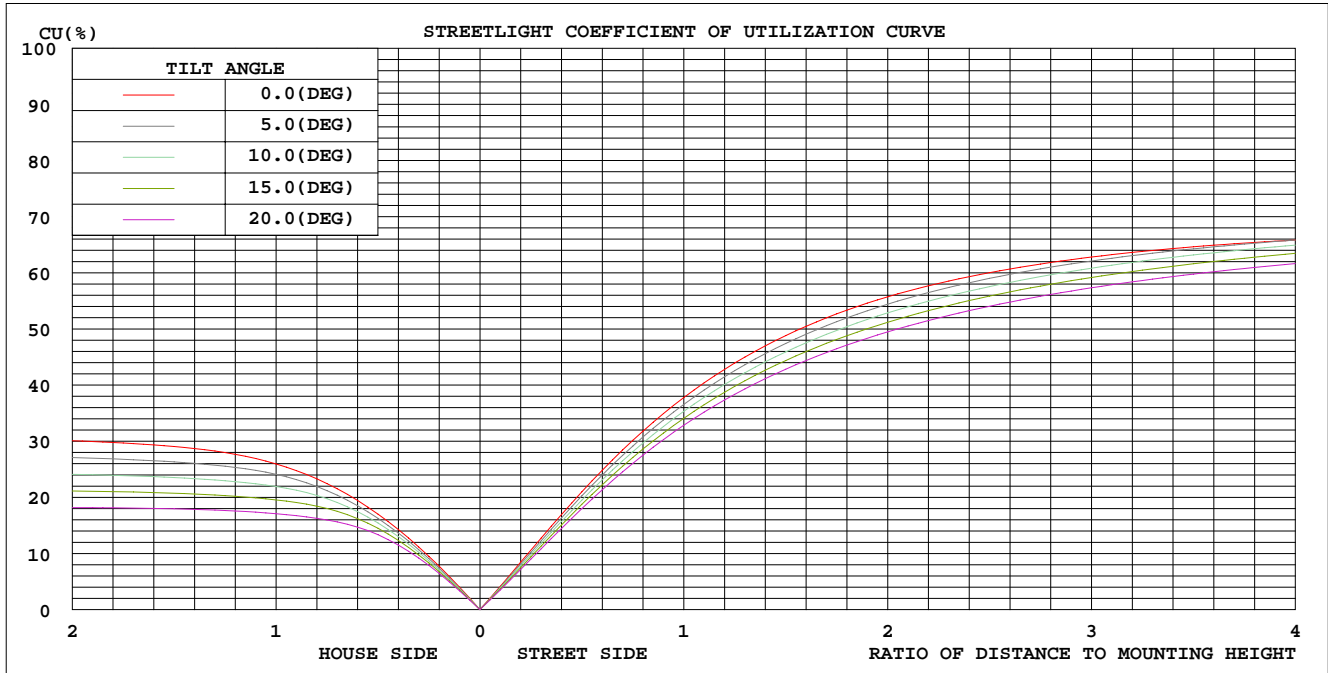
Classification:

IES:Type IV - Short
CIE:Broad - Intermediate
IES:None cut-off
CIE:Non-cut-off
Max.At80:239.0cd/klm
Max.At90:0cd/klm
Max.80-90:239.0cd/klm
NRB 5101:Semi limited[24.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4021
90%	3619
80%	3217
70%	2815
60%	2413
50%	2011
40%	1609
30%	1206
20%	804
10%	402
5%	201

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-2

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-2

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.3V I:0.3359A P:73.15W PF:0.9929 Freq:50.01Hz Lamp Flux:11890.1x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-75WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

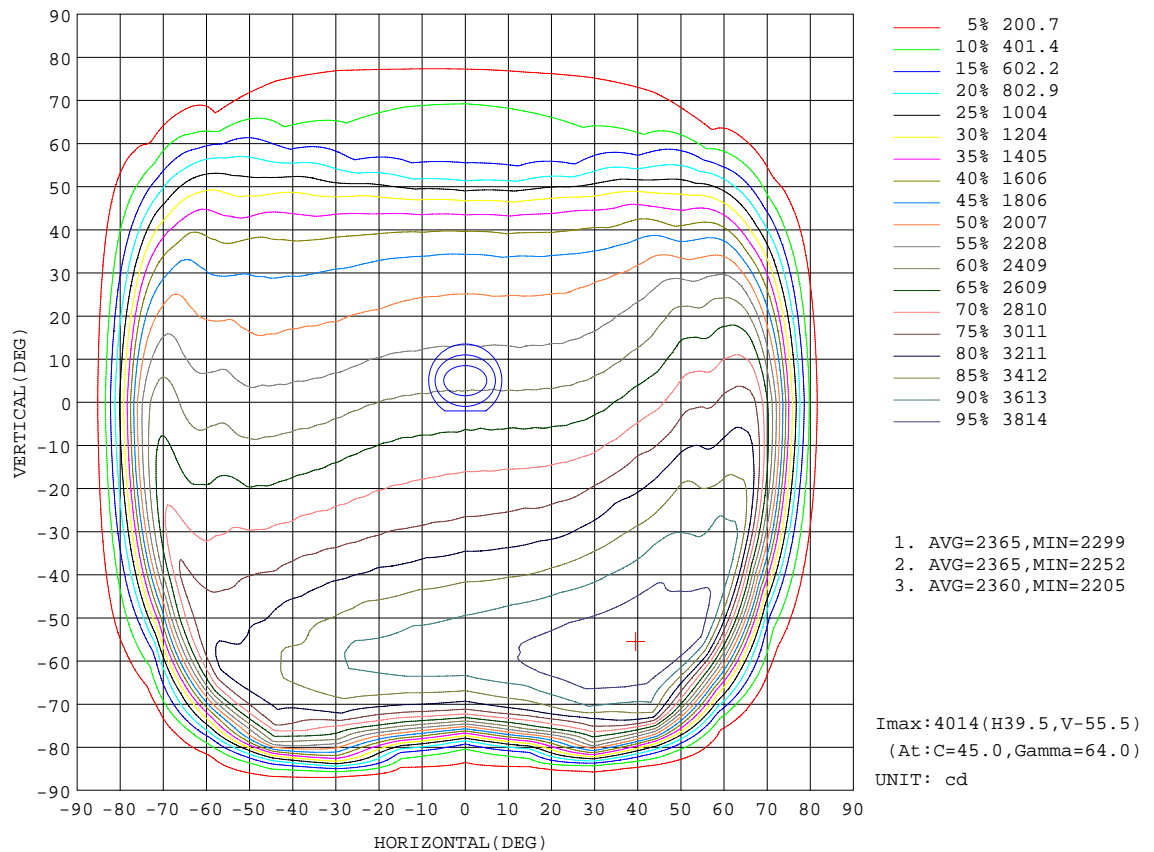
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	2475	2633	2691	2606	2452	2319	2274	2321	0- 10	235.6	235.6	1.98,1.98
20	2476	2797	2883	2734	2406	2154	2087	2183	10- 20	699.2	934.8	7.86,7.86
30	2542	2986	3088	2843	2331	1997	1920	2051	20- 30	1141	2076	17.5,17.5
40	2700	3264	3368	2962	2284	1821	1586	1918	30- 40	1557	3632	30.6,30.6
50	2929	3614	3625	3166	2260	1529	914.0	1624	40- 50	1921	5554	46.7,46.7
60	3059	3943	3720	3359	2311	1096	543.8	1075	50- 60	2170	7723	65,65
70	2628	3896	3145	3439	2519	431.9	380.1	379.3	60- 70	2252	9975	83.9,83.9
80	366.1	2303	460.8	2841	1031	178.6	129.7	132.0	70- 80	1626	11601	97.6,97.6
90	0	0	0	0	0	0	0	0	80- 90	288.9	11890	100,100
100	0	0	0	0	0	0	0	0	90-100	0	11890	100,100
110	0	0	0	0	0	0	0	0	100-110	0	11890	100,100
120	0	0	0	0	0	0	0	0	110-120	0	11890	100,100
130	0	0	0	0	0	0	0	0	120-130	0	11890	100,100
140	0	0	0	0	0	0	0	0	130-140	0	11890	100,100
150	0	0	0	0	0	0	0	0	140-150	0	11890	100,100
160	0	0	0	0	0	0	0	0	150-160	0	11890	100,100
170	0	0	0	0	0	0	0	0	160-170	0	11890	100,100
180	0	0	0	0	0	0	0	0	170-180	0	11890	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-2

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

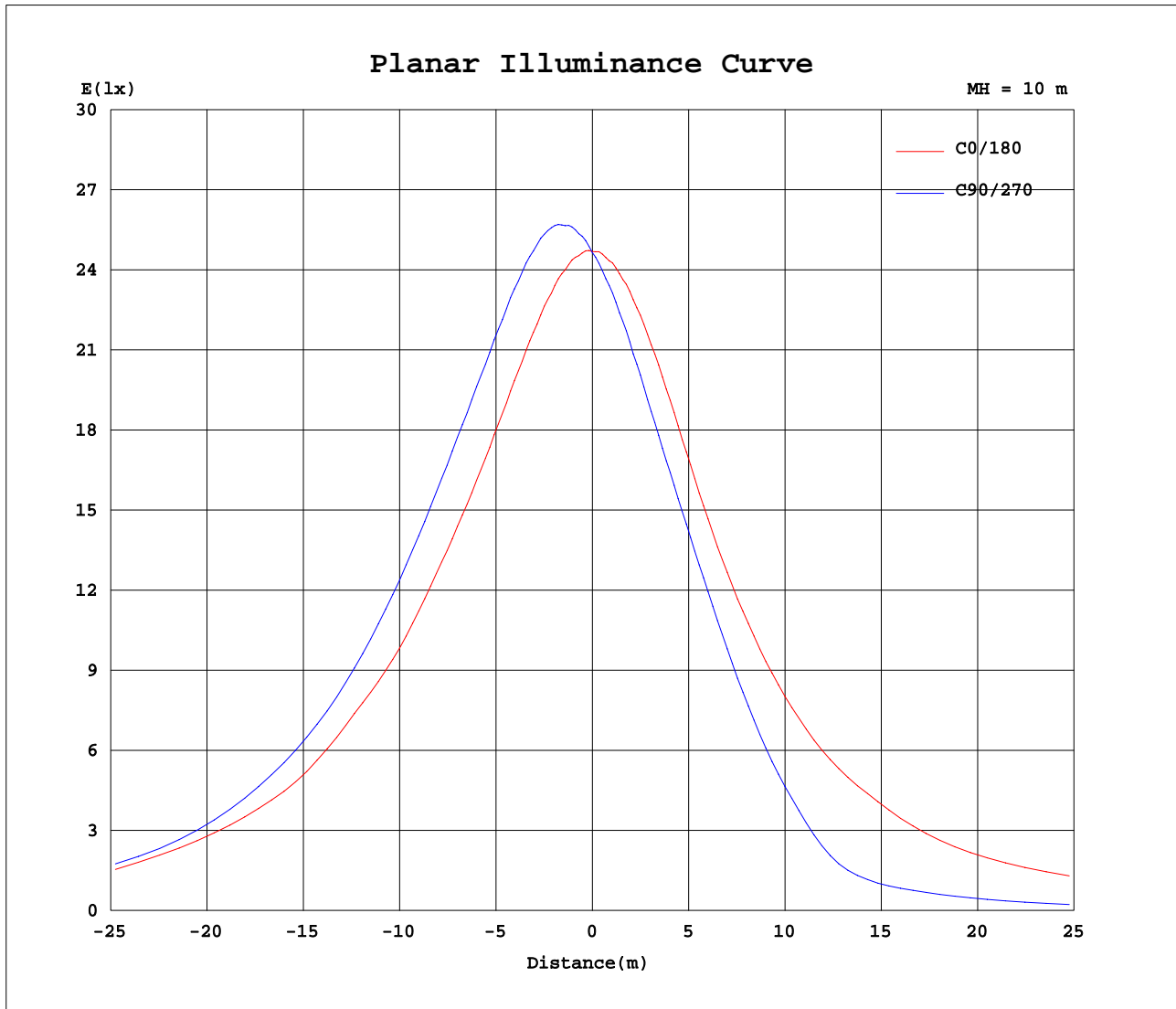
Test:U:219.3V I:0.3359A P:73.15W PF:0.9929 Freq:50.01Hz Lamp Flux:11890.1x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-75WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-2

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

Planar Illuminance Curve



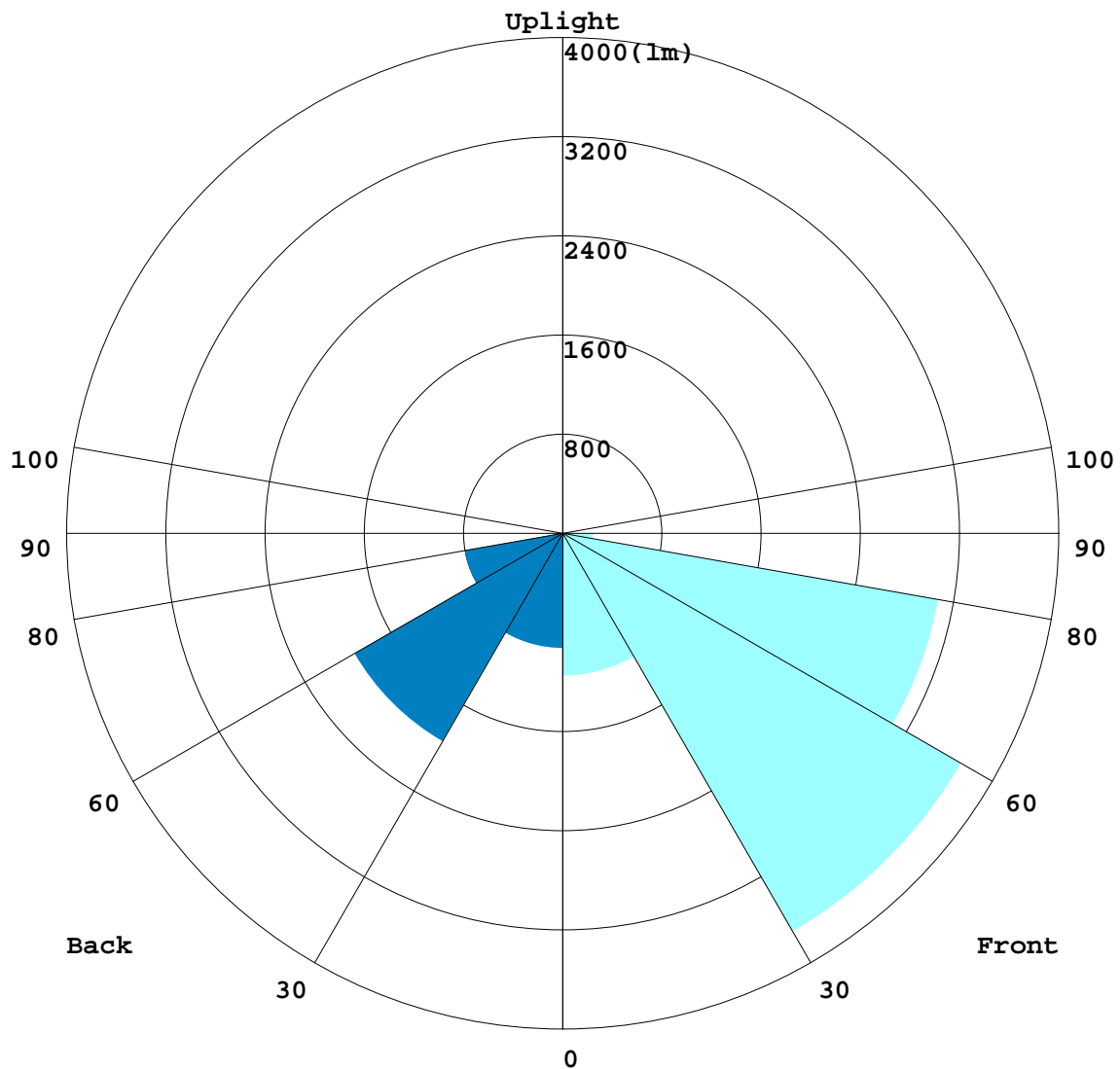
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-2

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

LCS REPORT

Test:U:219.3V I:0.3359A P:73.15W PF:0.9929 Freq:50.01Hz Lamp Flux:11890.1x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-75WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-2

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

BUG REPORT

Test:U:219.3V I:0.3359A P:73.15W PF:0.9929 Freq:50.01Hz Lamp Flux:11890.1x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-75WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1148.7	9.7
FM - Front-Medium(30-60)	3709.5	31.2
FH - Front-High(60-80)	3074.7	25.9
FVH - Front-Very High(80-90)	245.62	2.1
Total Forward Light	8178.5	68.8

BL - Back-Low(0-30)	927.1	7.8
BM - Back-Medium(30-60)	1938.1	16.3
BH - Back-High(60-80)	803.12	6.8
BVH - Back-Very High(80-90)	43.332	0.4
Total Back Light	3711.6	31.2

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	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3711.6	0	3711.6
Street Side	8178.5	0	8178.5

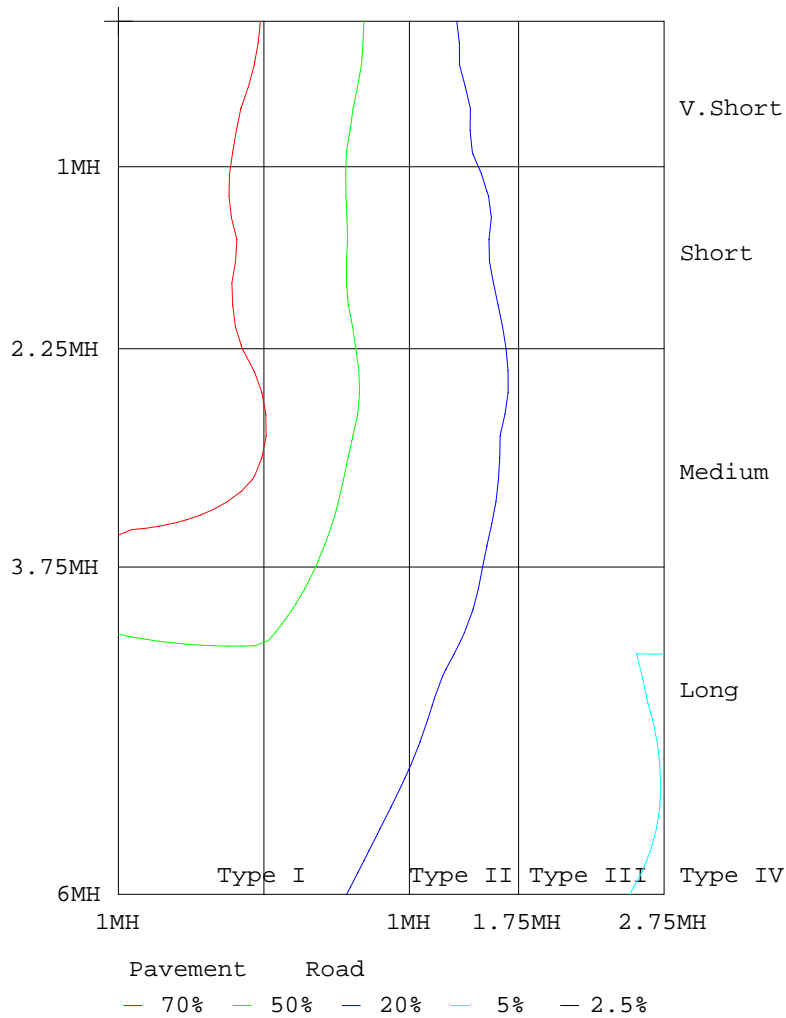
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-2

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.3V I:0.3359A P:73.15W PF:0.9929 Freq:50.01Hz Lamp Flux:11890.1x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-75WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-2

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.3359A P:73.15W PF:0.9929 Freq:50.01Hz Lamp Flux:11890.1x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-75WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465
5	2472	2500	2524	2548	2560	2571	2579	2570	2561	2537	2515	2490	2459	2427	2406	2392	2377	2370	2369
10	2475	2528	2576	2633	2660	2678	2691	2670	2653	2606	2558	2509	2452	2393	2343	2319	2288	2272	2274
15	2473	2556	2636	2713	2756	2788	2795	2767	2735	2669	2596	2520	2433	2354	2284	2237	2196	2175	2177
20	2476	2595	2706	2797	2849	2882	2883	2859	2805	2734	2636	2521	2406	2304	2220	2154	2111	2090	2087
25	2498	2650	2781	2882	2940	2979	2974	2945	2879	2794	2668	2520	2367	2240	2144	2076	2034	2013	2008
30	2542	2726	2876	2986	3045	3086	3088	3039	2959	2843	2695	2516	2331	2176	2066	1997	1953	1928	1920
35	2614	2834	2997	3114	3172	3221	3226	3153	3052	2895	2718	2514	2302	2122	1991	1918	1854	1803	1784
40	2700	2969	3161	3264	3325	3373	3368	3291	3154	2962	2755	2527	2284	2077	1926	1821	1714	1622	1586
45	2776	3108	3336	3438	3491	3526	3502	3434	3275	3058	2815	2538	2265	2030	1853	1698	1526	1380	1314
50	2929	3308	3490	3614	3653	3669	3625	3560	3410	3166	2876	2572	2260	1976	1770	1529	1309	1042	914
55	2983	3455	3699	3768	3804	3776	3701	3649	3532	3258	2933	2658	2321	1967	1662	1330	972	657	616
60	3059	3511	3771	3943	3947	3824	3720	3700	3633	3359	3028	2730	2311	1907	1511	1096	594	528	544
65	3097	3644	3861	4016	3960	3696	3521	3596	3615	3420	3099	2769	2366	1854	1235	724	441	468	486
70	2628	3072	3839	3896	3778	3397	3145	3291	3477	3439	3159	2989	2519	1730	936	432	364	384	380
75	1406	1403	2552	3639	3271	2679	2081	2545	3156	3271	3218	2413	2189	1161	471	280	271	266	256
80	366	257	807	2303	2486	1022	461	988	2357	2841	1914	793	1031	386	156	179	173	141	130
85	45.0	45.3	95.0	334	395	168	152	184	868	843	308	79.4	225	63.2	63.2	63.7	56.6	34.8	25.0
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: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:yanyonggeng

Test Date:2024-12-2

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T

Humidity:65.0%

Test Distance:7.682m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.3359A P:73.15W PF:0.9929 Freq:50.01Hz Lamp Flux:11890.1x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-75WPLB-NV-L2-00-3070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	2465	2465	2465	2465	2465													
5	2367	2380	2390	2413	2442													
10	2270	2301	2321	2363	2418													
15	2180	2213	2252	2313	2391													
20	2096	2128	2183	2263	2365													
25	2016	2048	2114	2215	2346													
30	1922	1973	2051	2176	2350													
35	1794	1879	1993	2152	2368													
40	1608	1735	1918	2137	2401													
45	1364	1537	1803	2109	2427													
50	998	1305	1624	2057	2494													
55	628	903	1404	1951	2474													
60	519	553	1075	1599	2397													
65	455	430	637	1262	2227													
70	362	344	379	769	1583													
75	242	244	240	262	689													
80	129	144	132	115	128													
85	27.3	33.4	29.2	30.7	30.3													
90	0.00	0.00	0.00	0.00	0.00													
95	0.00	0.00	0.00	0.00	0.00													
100	0.00	0.00	0.00	0.00	0.00													
105	0.00	0.00	0.00	0.00	0.00													
110	0.00	0.00	0.00	0.00	0.00													
115	0.00	0.00	0.00	0.00	0.00													
120	0.00	0.00	0.00	0.00	0.00													
125	0.00	0.00	0.00	0.00	0.00													
130	0.00	0.00	0.00	0.00	0.00													
135	0.00	0.00	0.00	0.00	0.00													
140	0.00	0.00	0.00	0.00	0.00													
145	0.00	0.00	0.00	0.00	0.00													
150	0.00	0.00	0.00	0.00	0.00													
155	0.00	0.00	0.00	0.00	0.00													
160	0.00	0.00	0.00	0.00	0.00													
165	0.00	0.00	0.00	0.00	0.00													
170	0.00	0.00	0.00	0.00	0.00													
175	0.00	0.00	0.00	0.00	0.00													
180	0.00	0.00	0.00	0.00	0.00													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-2

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks: