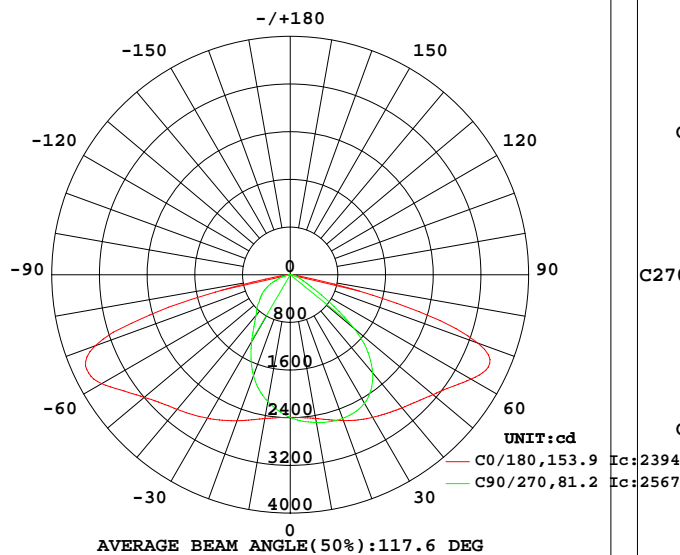
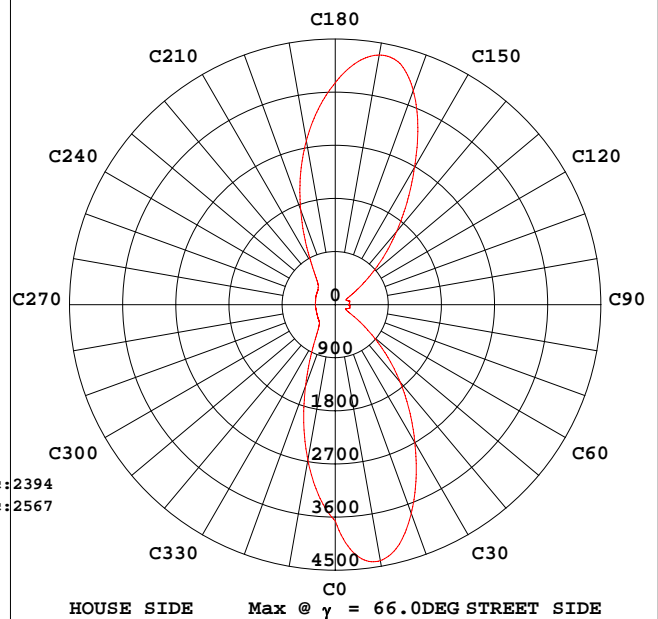


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.2858A P:61.67W PF:0.9837 Freq:50.00Hz Lamp Flux:8908.69x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WILE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.:	SUR.:201*175mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 144.46 lm/W			
MODEL	3030	Imax(cd)	4235	η street_up(%)	0.0
NOMINAL POWER(W)	60	LOR(%)	100.0	η street_down(%)	60.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	8909	η house_up(%)	0.0
NOMINAL FLUX(lm)	8908.69	MAXIMUM @(C, γ)	165,66.0	η house_down(%)	39.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.561

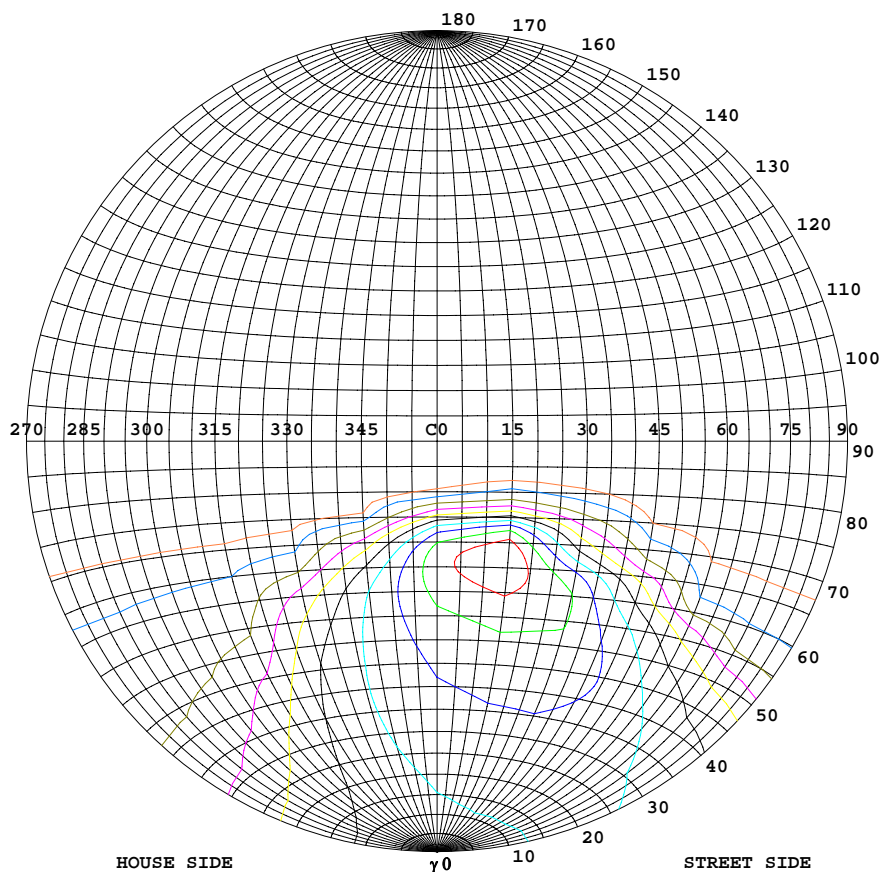
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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:0.2858A P:61.67W PF:0.9837 Freq:50.00Hz Lamp Flux:8908.69x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.:	SUR.:201*175mm	Shielding Angle:



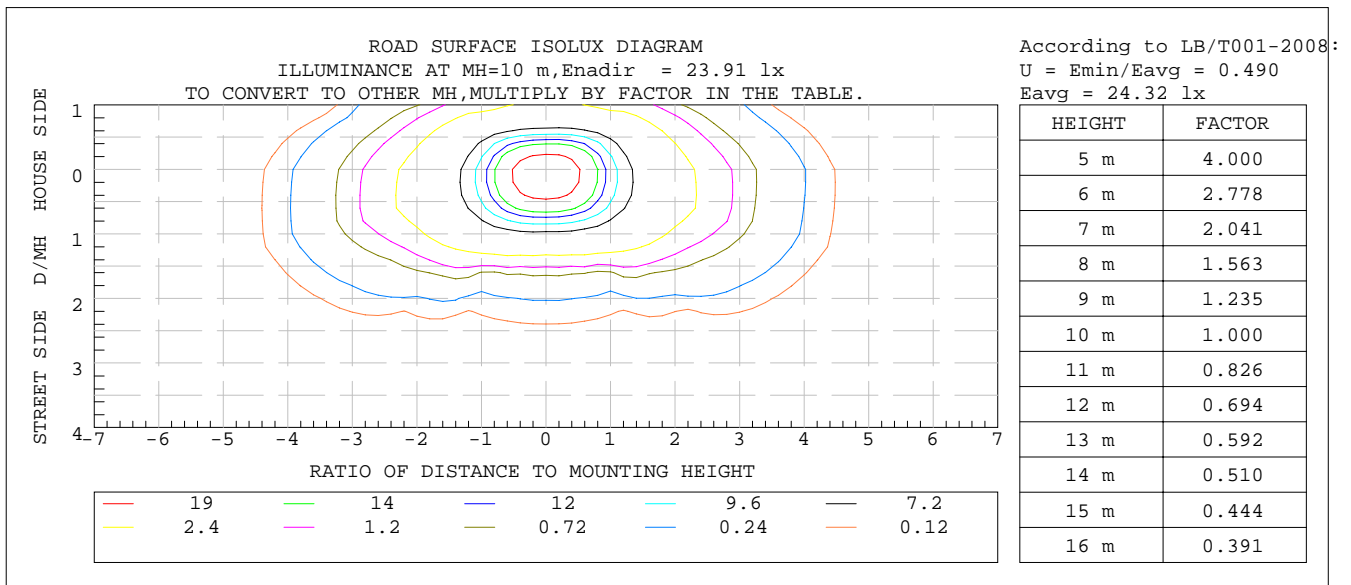
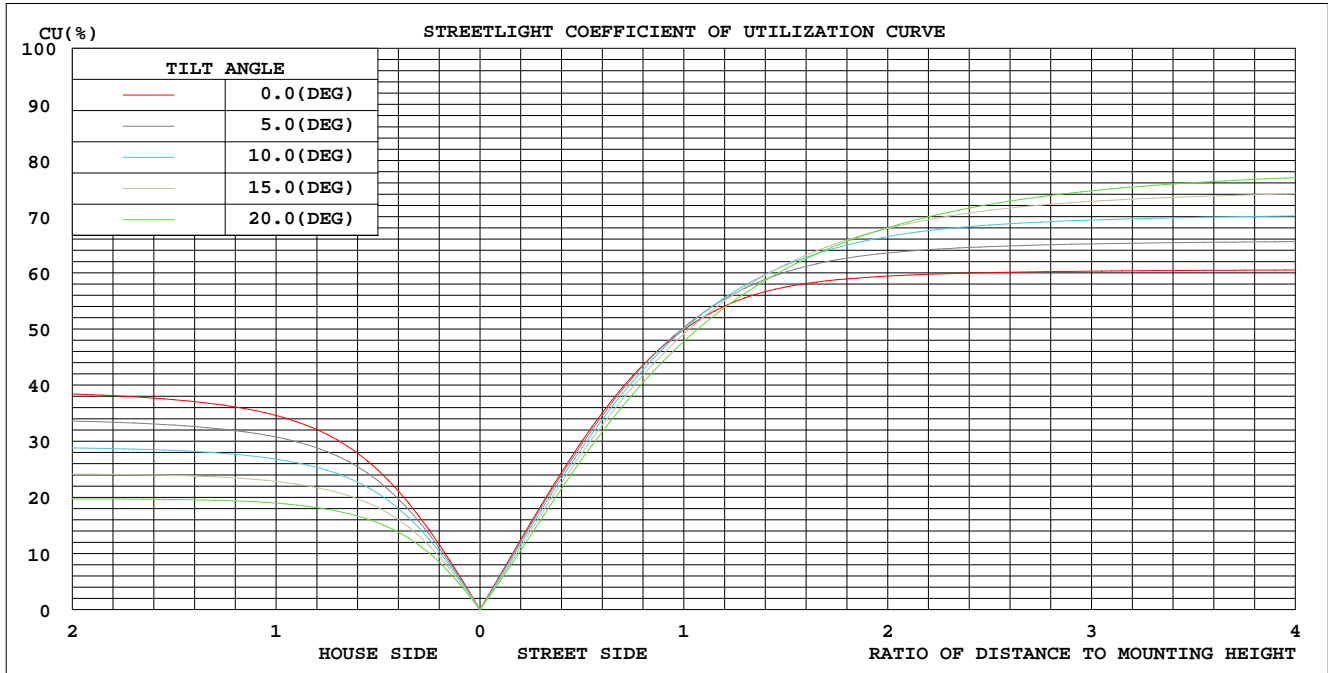
Classification:

IES:Type II - Short
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:64.34cd/klm
Max.At90:0cd/klm
Max.80-90:64.34cd/klm
NRB 5101:Semi limited[20.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4235
90%	3811
80%	3388
70%	2964
60%	2541
50%	2117
40%	1694
30%	1270
20%	847
10%	423
5%	212

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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: 2024-12-11

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:0.2858A P:61.67W PF:0.9837 Freq:50.00Hz Lamp Flux:8908.69x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.:	SUR.:201*175mm	Shielding Angle:

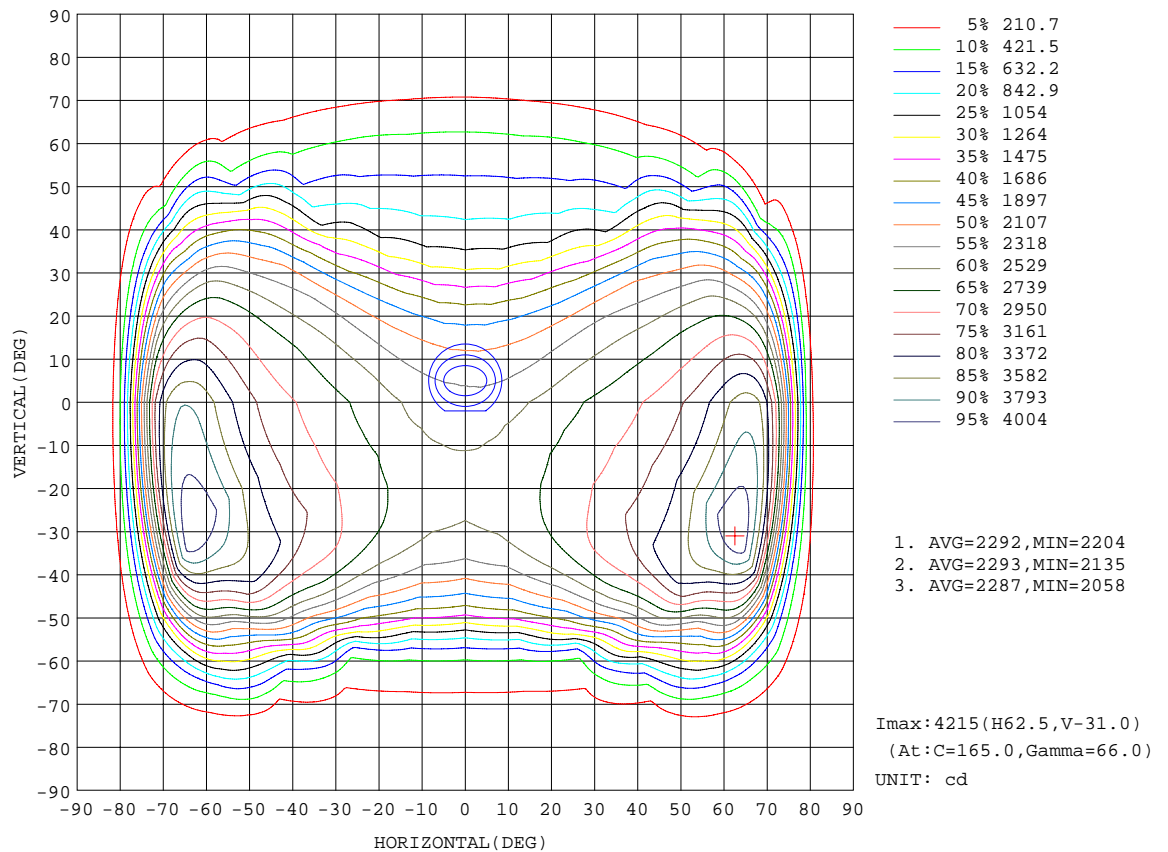
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	2448	2517	2517	2520	2449	2272	2162	2261	0- 10	228.4	228.4	2.56,2.56
20	2603	2661	2567	2660	2606	2161	1804	2128	10- 20	679.5	908.0	10.2,10.2
30	2763	2805	2490	2811	2780	1986	1299	1928	20- 30	1102	2010	22.6,22.6
40	2916	2927	2151	2932	2949	1665	897.0	1584	30- 40	1449	3458	38.8,38.8
50	3129	2847	1398	2835	3201	1113	675.5	1020	40- 50	1677	5136	57.6,57.6
60	3501	2119	406.8	2101	3654	620.2	489.0	595.6	50- 60	1699	6834	76.7,76.7
70	3345	632.4	170.5	557.3	3482	269.7	228.9	247.1	60- 70	1420	8255	92.7,92.7
80	267.6	72.10	48.59	77.40	417.6	52.08	47.33	45.22	70- 80	613.9	8868	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	40.31	8909	100,100
100	0	0	0	0	0	0	0	0	90-100	0	8909	100,100
110	0	0	0	0	0	0	0	0	100-110	0	8909	100,100
120	0	0	0	0	0	0	0	0	110-120	0	8909	100,100
130	0	0	0	0	0	0	0	0	120-130	0	8909	100,100
140	0	0	0	0	0	0	0	0	130-140	0	8909	100,100
150	0	0	0	0	0	0	0	0	140-150	0	8909	100,100
160	0	0	0	0	0	0	0	0	150-160	0	8909	100,100
170	0	0	0	0	0	0	0	0	160-170	0	8909	100,100
180	0	0	0	0	0	0	0	0	170-180	0	8909	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:2024-12-11

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

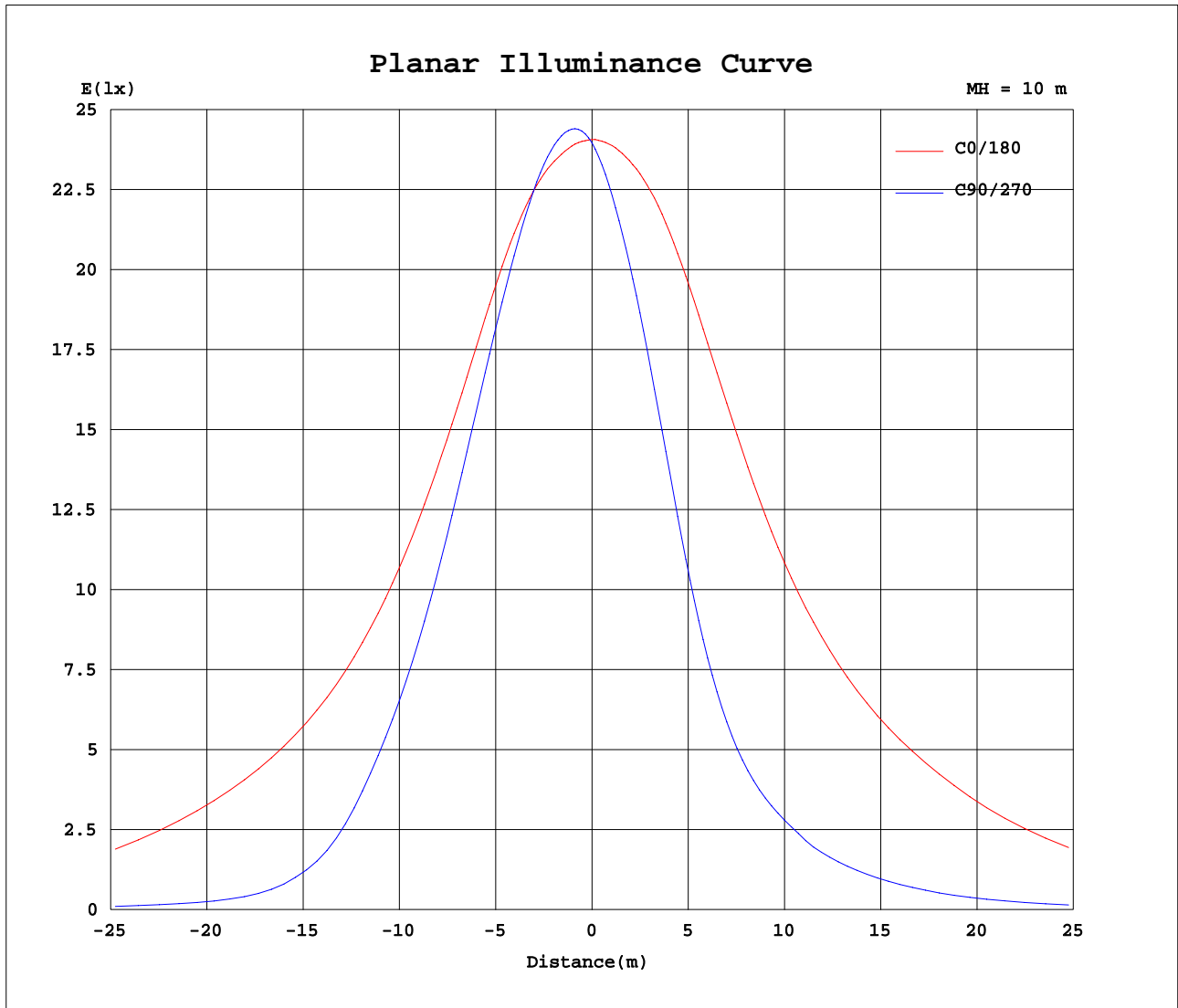
Test:U:219.3V I:0.2858A P:61.67W PF:0.9837 Freq:50.00Hz Lamp Flux:8908.69x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.:	SUR.:201*175mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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



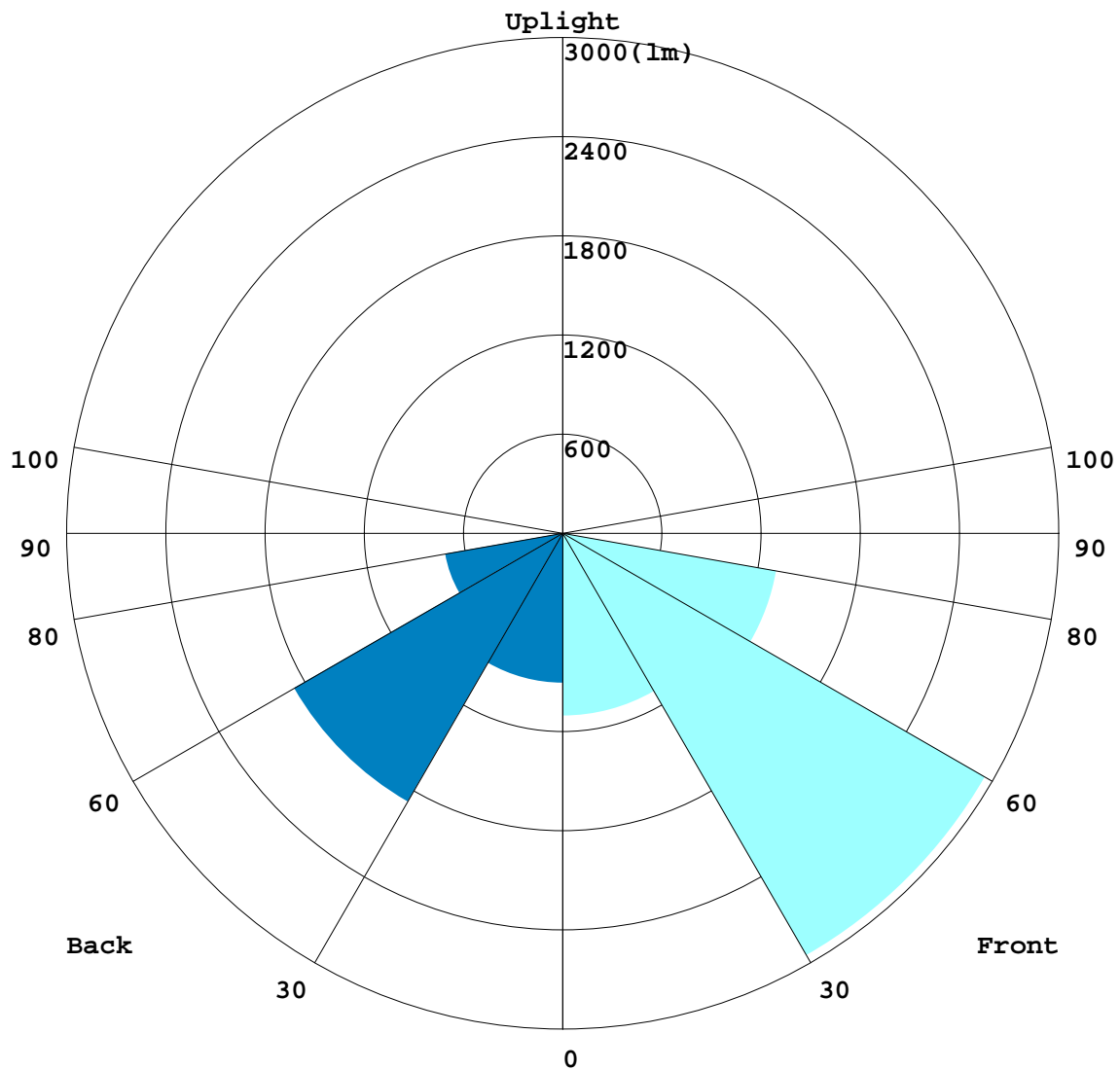
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-11

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:0.2858A P:61.67W PF:0.9837 Freq:50.00Hz Lamp Flux:8908.69x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.:	SUR.:201*175mm	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:2024-12-11

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:0.2858A P:61.67W PF:0.9837 Freq:50.00Hz Lamp Flux:8908.69x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.:	SUR.:201*175mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1104.3	12.4
FM - Front-Medium(30-60)	2949	33.1
FH - Front-High(60-80)	1312.2	14.7
FVH - Front-Very High(80-90)	26.706	0.3
Total Forward Light	5392.2	60.5

BL - Back-Low(0-30)	905.31	10.2
BM - Back-Medium(30-60)	1875.7	21.1
BH - Back-High(60-80)	721.84	8.1
BVH - Back-Very High(80-90)	13.604	0.2
Total Back Light	3516.5	39.5

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	3516.5	0	3516.5
Street Side	5392.2	0	5392.2

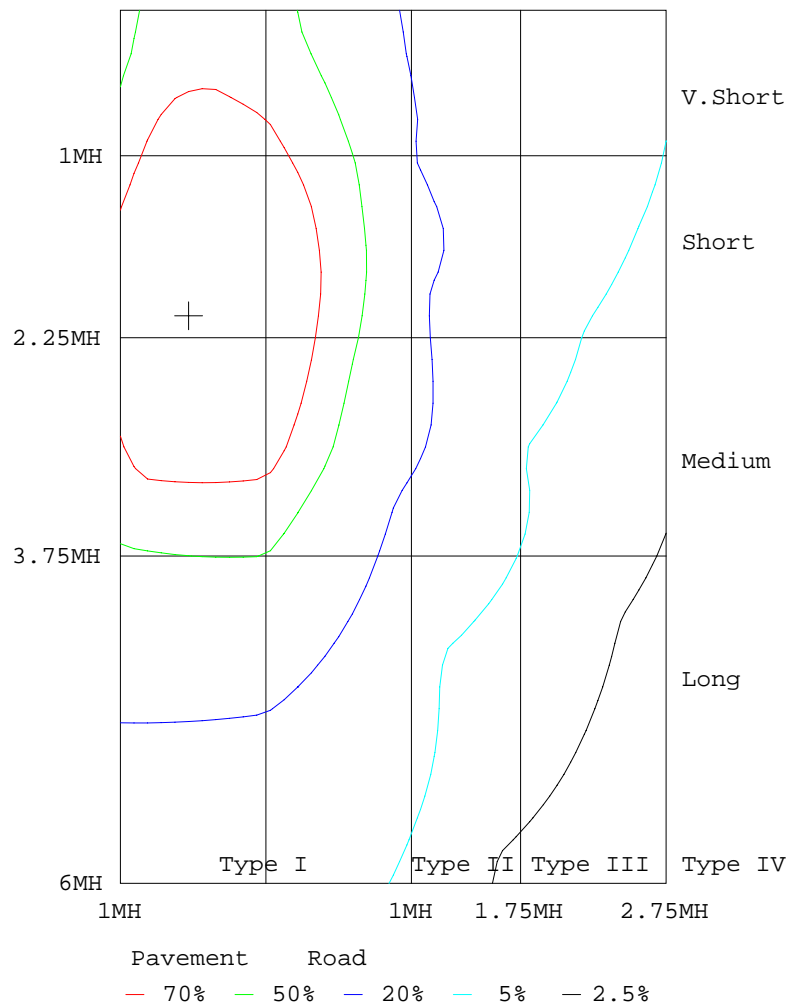
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-11

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:0.2858A P:61.67W PF:0.9837 Freq:50.00Hz Lamp Flux:8908.69x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.:	SUR.:201*175mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-11

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:0.2858A P:61.67W PF:0.9837 Freq:50.00Hz Lamp Flux:8908.69x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.:	SUR.:201*175mm	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2394	2394	2394	2394	2394	2394	2394	2394	2394	2394	2394	2394	2394	2394	2394	2394	2394	2394	2394
5	2408	2428	2444	2455	2462	2467	2467	2468	2463	2457	2445	2429	2408	2385	2357	2333	2310	2295	2290
10	2448	2486	2508	2517	2517	2518	2517	2521	2520	2520	2509	2487	2449	2399	2335	2272	2217	2176	2162
15	2520	2569	2590	2586	2569	2558	2554	2562	2573	2586	2590	2570	2520	2439	2330	2218	2115	2035	2006
20	2603	2660	2676	2661	2616	2580	2567	2584	2617	2660	2680	2665	2606	2497	2339	2161	1988	1850	1804
25	2687	2752	2765	2731	2651	2577	2548	2581	2651	2737	2773	2760	2694	2560	2354	2086	1824	1627	1558
30	2763	2835	2851	2805	2674	2549	2490	2547	2672	2811	2865	2854	2780	2620	2364	1986	1622	1375	1299
35	2836	2922	2942	2876	2664	2455	2363	2447	2653	2881	2964	2949	2864	2675	2365	1853	1388	1137	1067
40	2916	3021	3046	2927	2590	2272	2151	2261	2564	2932	3080	3052	2949	2725	2332	1665	1154	945	897
45	3007	3142	3167	2934	2410	1998	1846	1981	2373	2938	3208	3185	3051	2768	2264	1425	950	827	791
50	3129	3301	3295	2847	2101	1607	1398	1581	2055	2835	3337	3375	3201	2804	2142	1113	816	703	675
55	3287	3526	3398	2592	1644	958	803	939	1580	2557	3454	3641	3402	2815	1919	840	657	599	586
60	3501	3848	3391	2119	753	456	407	458	693	2101	3413	3965	3654	2730	1583	620	540	498	489
65	3667	4170	2904	1474	310	265	249	266	307	1403	2872	4218	3766	2401	962	445	395	369	364
70	3345	3921	1921	632	196	176	171	178	194	557	1951	3924	3482	1634	395	270	248	230	229
75	1849	2268	1037	209	116	108	104	110	120	192	1057	2244	2116	576	183	133	127	120	117
80	268	511	280	72.1	52.9	51.1	48.6	53.0	56.7	77.4	267	573	418	119	69.4	52.1	51.5	49.2	47.3
85	25.9	40.6	34.9	16.1	12.3	12.1	10.8	12.9	14.5	19.6	35.0	55.2	45.3	24.8	15.8	11.9	11.5	10.1	9.39
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:2024-12-11

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:0.2858A P:61.67W PF:0.9837 Freq:50.00Hz Lamp Flux:8908.69x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.:	SUR.:201*175mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	2394	2394	2394	2394	2394														
5	2293	2307	2328	2353	2384														
10	2171	2207	2261	2324	2393														
15	2026	2097	2196	2313	2429														
20	1840	1961	2128	2312	2483														
25	1608	1787	2043	2317	2537														
30	1354	1575	1928	2314	2586														
35	1117	1346	1779	2296	2626														
40	928	1100	1584	2247	2660														
45	813	919	1332	2155	2679														
50	692	791	1020	2012	2693														
55	590	641	796	1782	2670														
60	491	525	596	1433	2569														
65	363	382	426	812	2191														
70	224	235	247	342	1432														
75	116	117	117	148	297														
80	47.7	47.7	45.2	54.1	78.0														
85	9.12	9.47	8.71	10.6	14.5														
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:2024-12-11

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: