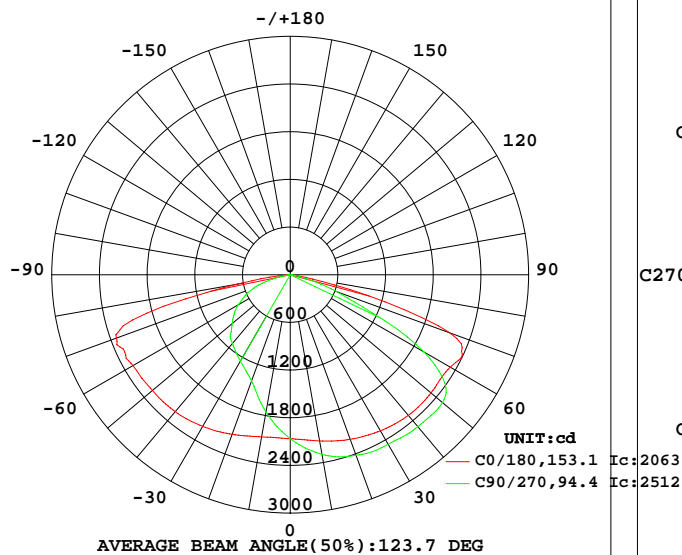
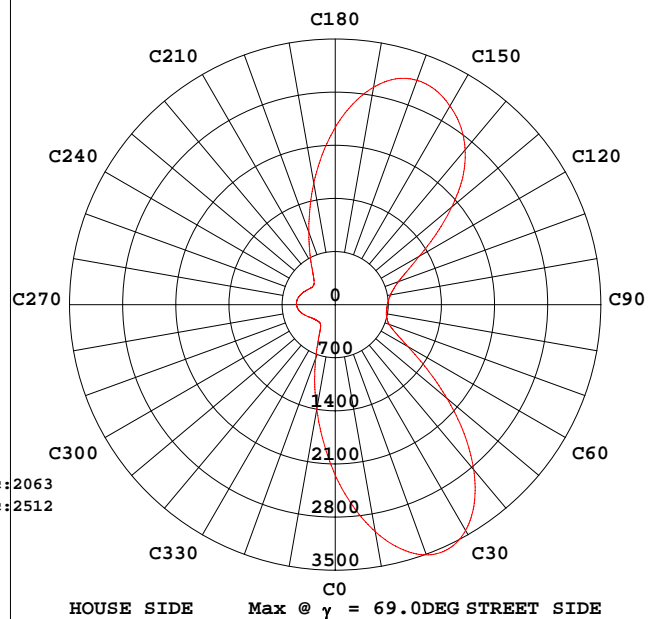


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.2785A P:60.00W PF:0.9820 Freq:50.00Hz Lamp Flux:8565.38x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 142.76 lm/W			
MODEL	3030	Imax(cd)	3435	η street_up(%)	0.0
NOMINAL POWER(W)	60	LOR(%)	100.0	η street_down(%)	65.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	8565	η house_up(%)	0.0
NOMINAL FLUX(lm)	8565.38	MAXIMUM @(C, γ)	30,69.0	η house_down(%)	34.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.032

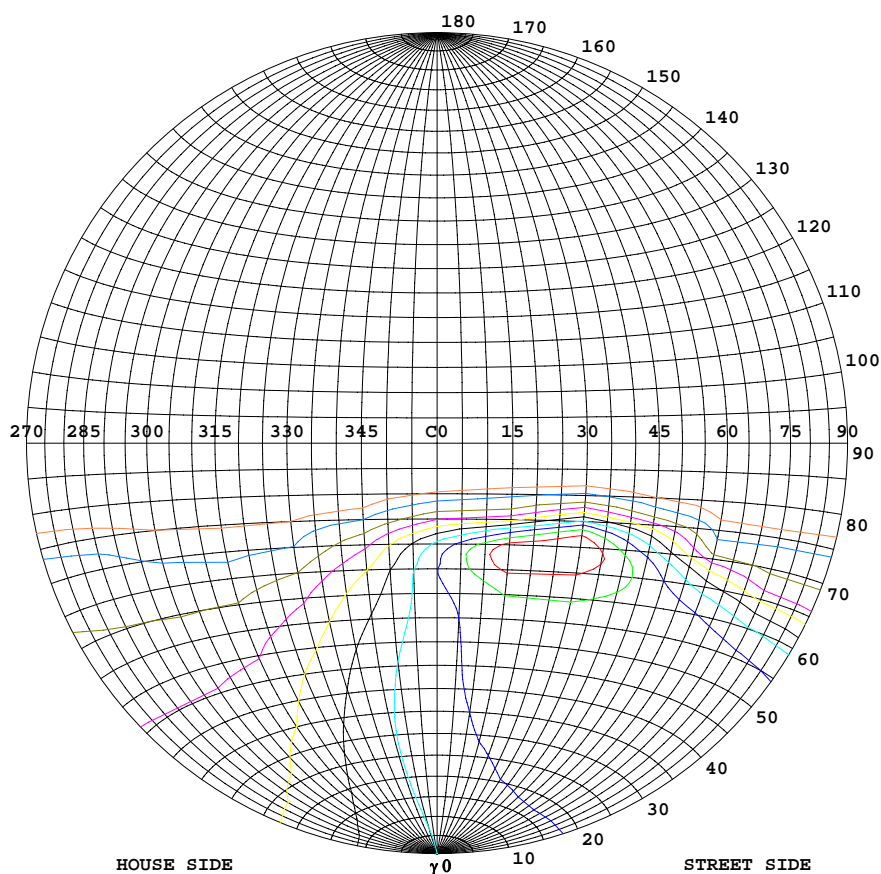
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-18

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:0.2785A P:60.00W PF:0.9820 Freq:50.00Hz Lamp Flux:8565.38x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



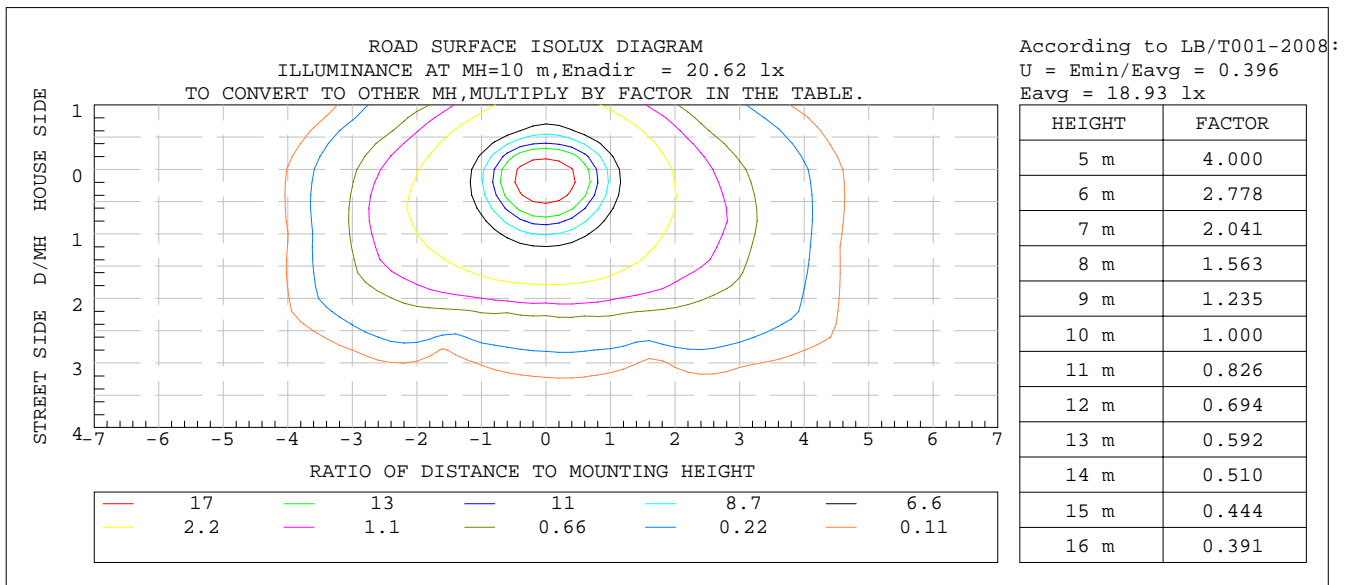
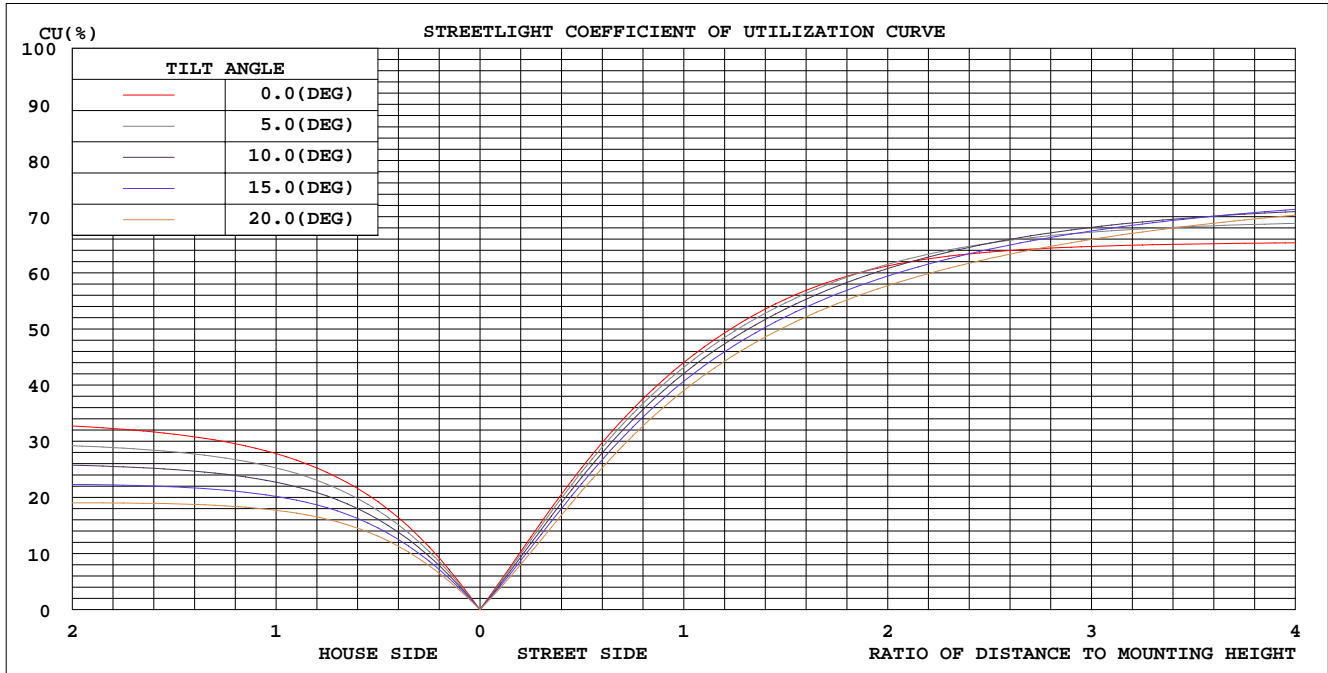
Classification:

IES:Type III - Medium
CIE:Broad - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:145.9cd/klm
Max.At90:0cd/klm
Max.80-90:145.9cd/klm
NRB 5101:Limited[7.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3435
90%	3091
80%	2748
70%	2404
60%	2061
50%	1717
40%	1374
30%	1030
20%	687
10%	343
5%	172

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-18

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: 2024-12-18

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:0.2785A P:60.00W PF:0.9820 Freq:50.00Hz Lamp Flux:8565.38x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

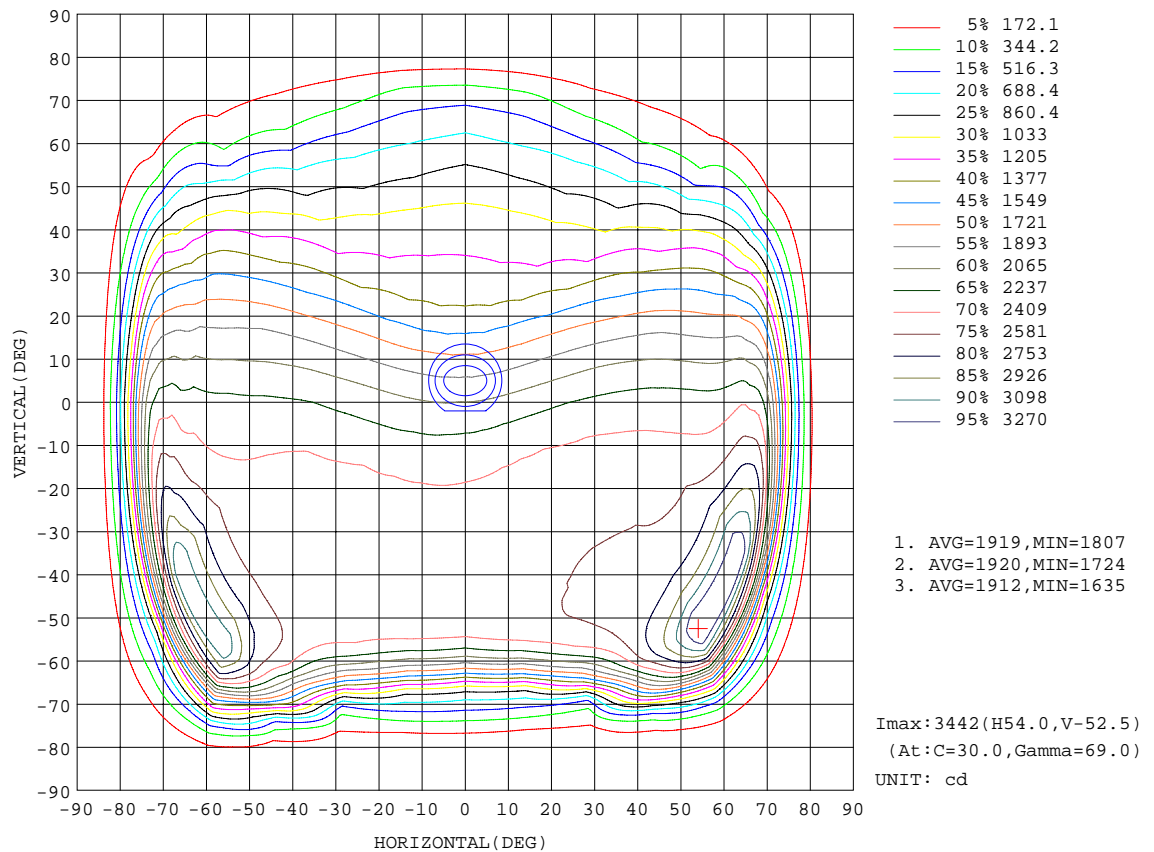
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	2123	2265	2294	2231	2072	1856	1756	1884	0- 10	196.8	196.8	2.3,2.3
20	2204	2430	2418	2378	2137	1659	1423	1703	10- 20	581.7	778.5	9.09,9.09
30	2269	2526	2463	2470	2202	1478	1256	1491	20- 30	940.8	1719	20.1,20.1
40	2311	2566	2497	2506	2249	1284	1132	1256	30- 40	1258	2978	34.8,34.8
50	2312	2600	2500	2531	2265	1080	953.8	1017	40- 50	1510	4487	52.4,52.4
60	2326	2668	1943	2548	2286	777.2	756.7	701.9	50- 60	1648	6136	71.6,71.6
70	2137	2254	619.8	2272	2328	356.9	484.3	290.0	60- 70	1548	7684	89.7,89.7
80	195.7	174.8	65.79	340.5	667.0	97.84	78.43	53.86	70- 80	814.0	8498	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	67.30	8565	100,100
100	0	0	0	0	0	0	0	0	90-100	0	8565	100,100
110	0	0	0	0	0	0	0	0	100-110	0	8565	100,100
120	0	0	0	0	0	0	0	0	110-120	0	8565	100,100
130	0	0	0	0	0	0	0	0	120-130	0	8565	100,100
140	0	0	0	0	0	0	0	0	130-140	0	8565	100,100
150	0	0	0	0	0	0	0	0	140-150	0	8565	100,100
160	0	0	0	0	0	0	0	0	150-160	0	8565	100,100
170	0	0	0	0	0	0	0	0	160-170	0	8565	100,100
180	0	0	0	0	0	0	0	0	170-180	0	8565	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:2024-12-18

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

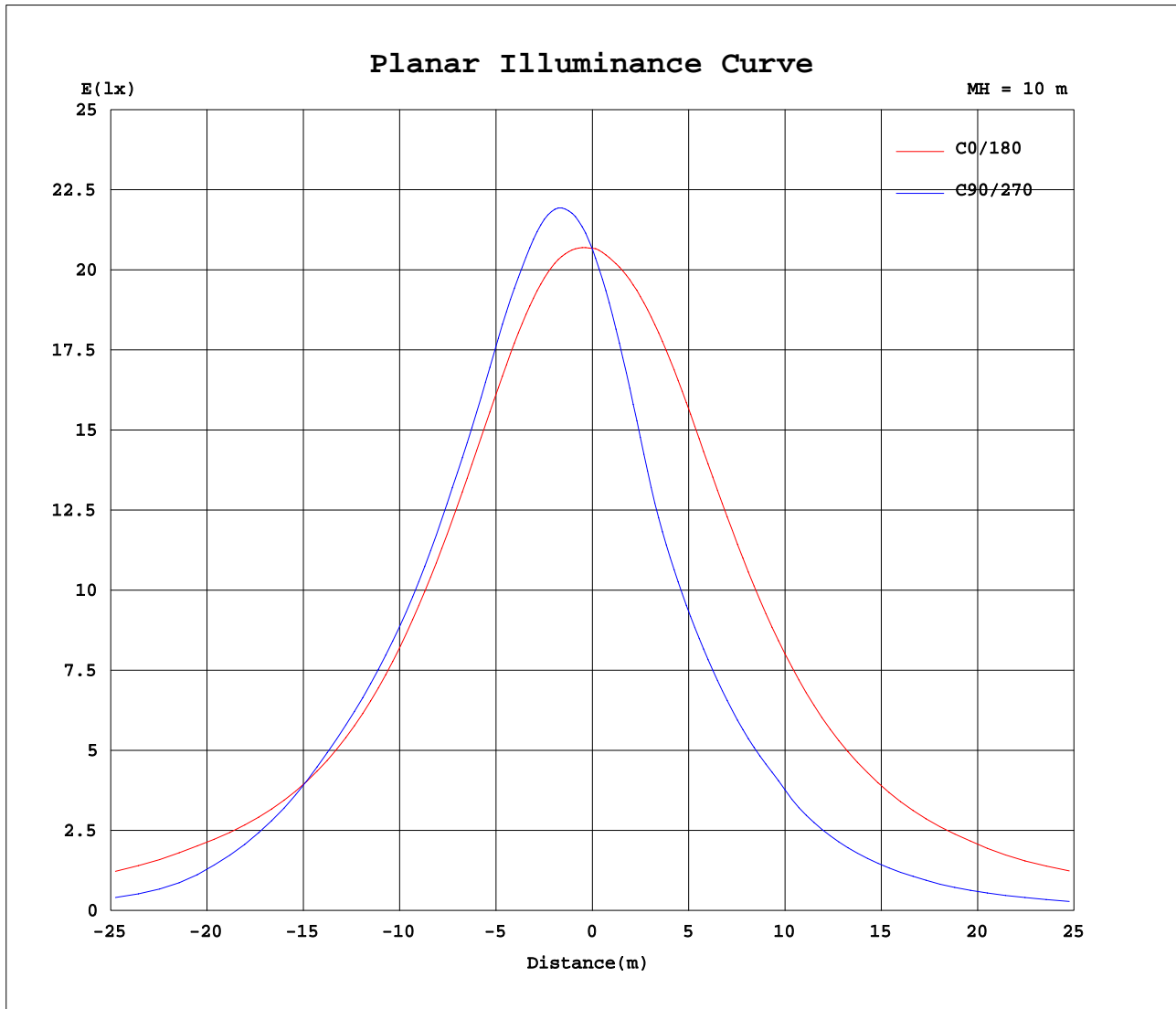
Test:U:219.3V I:0.2785A P:60.00W PF:0.9820 Freq:50.00Hz Lamp Flux:8565.38x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-18

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



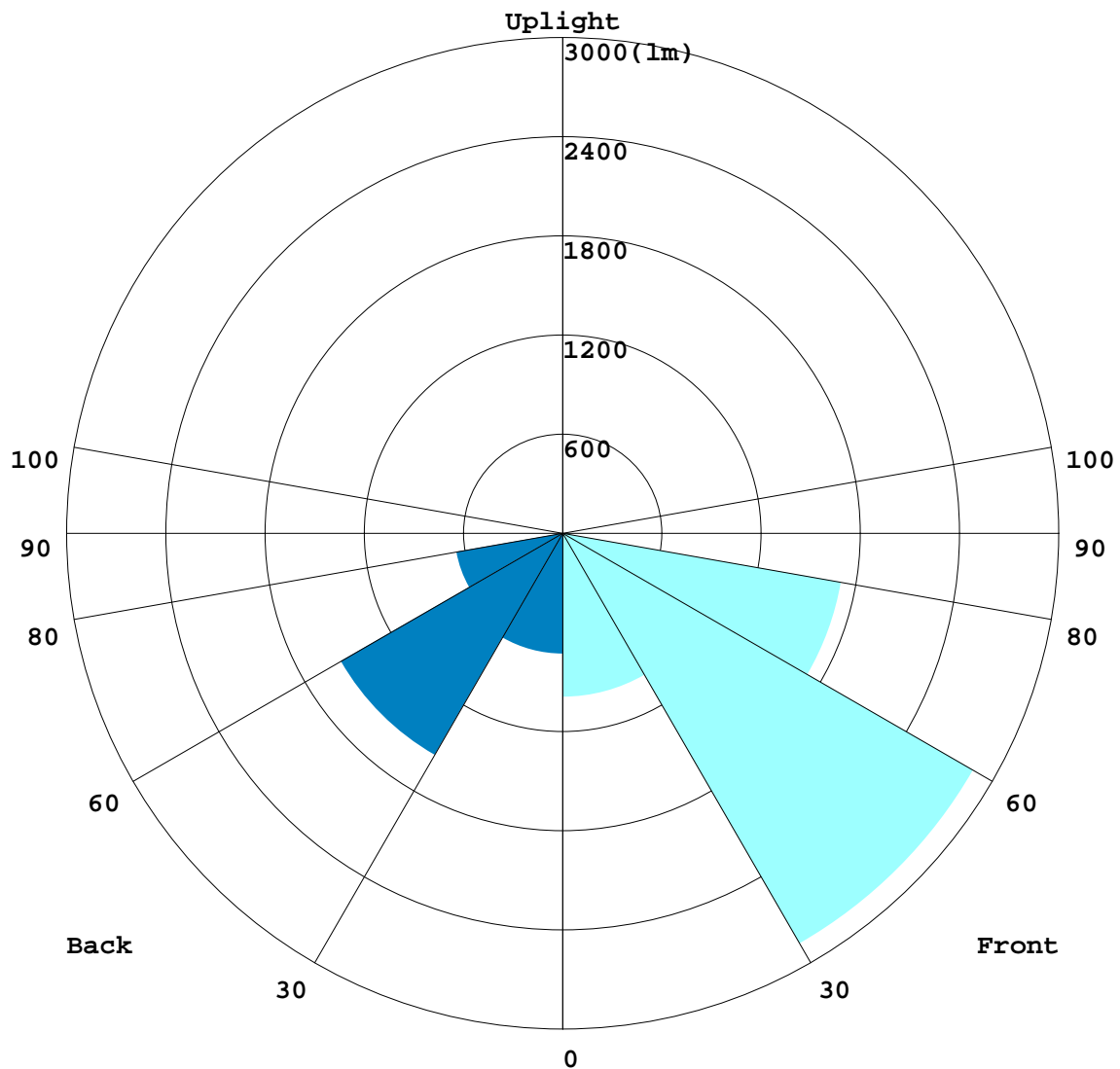
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-18

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:0.2785A P:60.00W PF:0.9820 Freq:50.00Hz Lamp Flux:8565.38x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	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:2024-12-18

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:0.2785A P:60.00W PF:0.9820 Freq:50.00Hz Lamp Flux:8565.38x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	990.03	11.6
FM - Front-Medium(30-60)	2867.2	33.5
FH - Front-High(60-80)	1709.5	20.0
FVH - Front-Very High(80-90)	44.321	0.5
Total Forward Light	5611.1	65.5

BL - Back-Low(0-30)	729.27	8.5
BM - Back-Medium(30-60)	1549.2	18.1
BH - Back-High(60-80)	652.77	7.6
BVH - Back-Very High(80-90)	22.981	0.3
Total Back Light	2954.3	34.5

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	2954.3	0	2954.3
Street Side	5611.1	0	5611.1

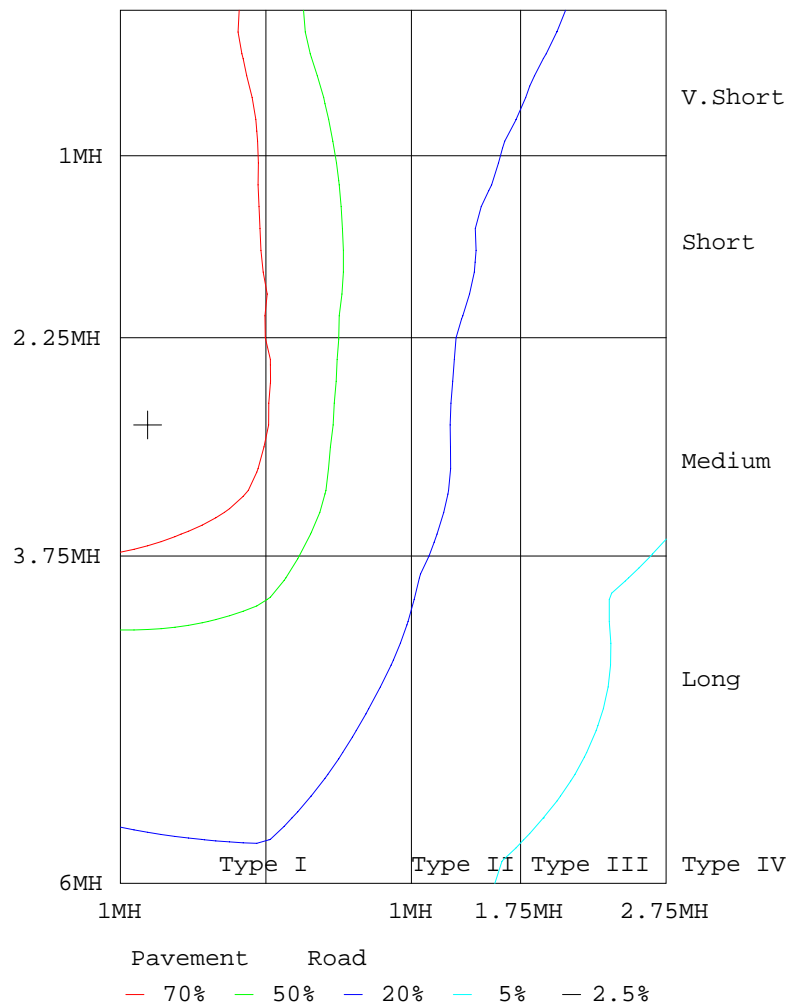
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-18

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:0.2785A P:60.00W PF:0.9820 Freq:50.00Hz Lamp Flux:8565.38x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-18

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:0.2785A P:60.00W PF:0.9820 Freq:50.00Hz Lamp Flux:8565.38x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	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	2063	2063	2063	2063	2063	2063	2063	2063	2063	2063	2063	2063	2063	2063	2063	2063	2063	2063	2063
5	2085	2118	2146	2167	2181	2188	2189	2184	2169	2151	2123	2093	2058	2022	1988	1958	1936	1920	1918
10	2123	2184	2231	2265	2284	2295	2294	2286	2261	2231	2190	2139	2072	2002	1927	1856	1800	1764	1756
15	2165	2252	2316	2356	2372	2378	2373	2366	2342	2312	2260	2192	2101	1994	1874	1759	1662	1595	1579
20	2204	2315	2390	2430	2435	2430	2418	2413	2398	2378	2328	2249	2137	1995	1827	1659	1520	1437	1423
25	2237	2368	2451	2482	2486	2473	2456	2453	2439	2426	2385	2305	2173	1995	1782	1569	1410	1345	1327
30	2269	2417	2496	2526	2520	2492	2463	2464	2472	2470	2436	2354	2202	1993	1734	1478	1320	1273	1256
35	2293	2458	2533	2556	2537	2517	2484	2481	2485	2500	2470	2398	2231	1987	1675	1381	1240	1203	1191
40	2311	2491	2557	2566	2563	2538	2497	2496	2507	2506	2501	2432	2249	1970	1604	1284	1159	1135	1132
45	2316	2514	2570	2586	2570	2539	2505	2502	2513	2519	2515	2454	2262	1938	1520	1187	1077	1058	1065
50	2312	2542	2585	2600	2577	2537	2500	2505	2515	2531	2518	2468	2265	1891	1418	1080	967	927	954
55	2302	2598	2630	2630	2566	2460	2374	2443	2495	2534	2529	2496	2277	1816	1285	955	824	820	862
60	2326	2757	2770	2668	2422	2088	1943	2104	2388	2548	2578	2584	2286	1713	1125	777	698	708	757
65	2390	3160	3124	2672	1875	1308	1149	1436	1947	2539	2760	2786	2299	1526	916	591	550	581	628
70	2137	3208	3409	2254	848	622	620	707	1056	2272	3110	3196	2328	1215	566	357	375	451	484
75	1002	1277	2104	1147	250	253	275	305	318	1543	2905	2440	1869	776	261	218	218	276	276
80	196	290	403	175	80.1	69.7	65.8	76.6	112	341	1250	658	667	207	104	97.8	99.9	94.1	78.4
85	26.4	36.0	31.9	25.4	18.5	18.0	14.5	21.0	31.6	54.5	149	114	92.8	39.6	27.6	24.5	25.2	21.3	19.8
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:2024-12-18

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:0.2785A P:60.00W PF:0.9820 Freq:50.00Hz Lamp Flux:8565.38x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-60WiLE-NV-L3-00-5070-T311-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	2063	2063	2063	2063	2063													
5	1924	1944	1974	2009	2047													
10	1771	1818	1884	1964	2047													
15	1604	1682	1792	1921	2052													
20	1455	1553	1703	1880	2055													
25	1338	1421	1604	1831	2056													
30	1254	1307	1491	1773	2052													
35	1183	1209	1376	1697	2034													
40	1121	1128	1256	1602	2000													
45	1044	1047	1140	1492	1950													
50	924	913	1017	1358	1866													
55	821	801	852	1185	1751													
60	701	675	702	988	1597													
65	566	499	474	691	1370													
70	424	313	290	350	946													
75	235	172	157	172	343													
80	64.7	63.3	53.9	54.3	82.3													
85	15.8	14.0	11.8	14.2	21.2													
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:2024-12-18

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: