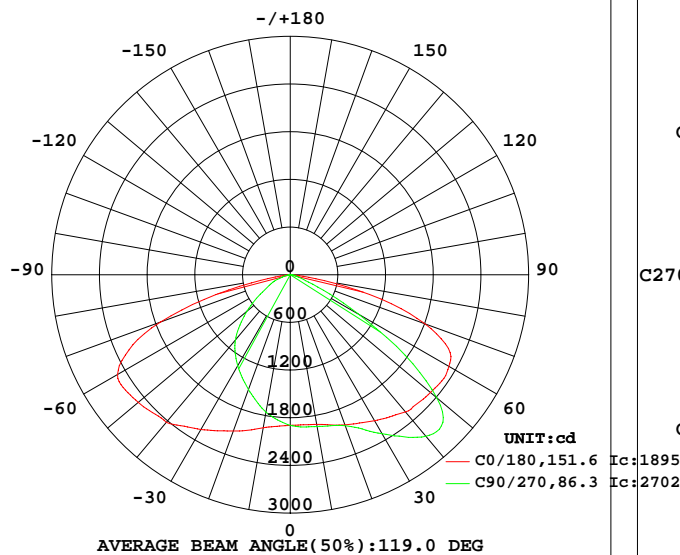
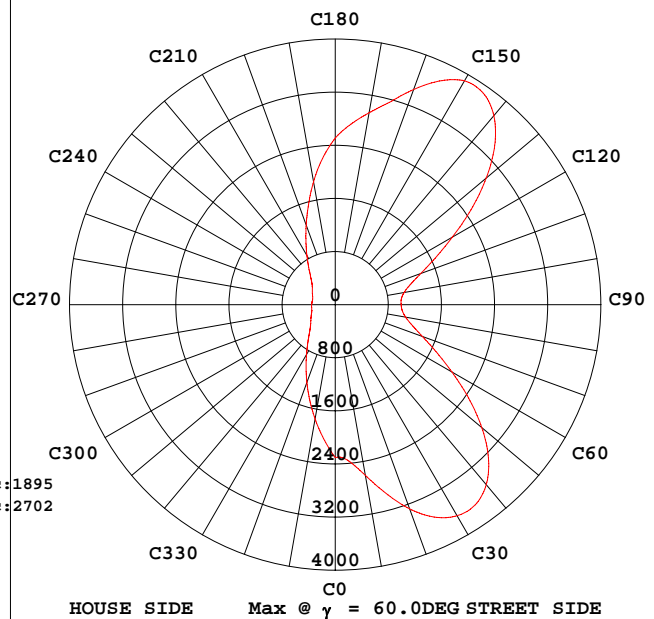


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.2408A P:50.42W PF:0.9551 Freq:50.01Hz Lamp Flux:7803.26x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-50WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 154.76 lm/W			
MODEL	2835	Imax(cd)	3893	η street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	100.0	η street_down(%)	65.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7803	η house_up(%)	0.0
NOMINAL FLUX(lm)	7803.26	MAXIMUM @(C, γ)	150,60.0	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	20.261

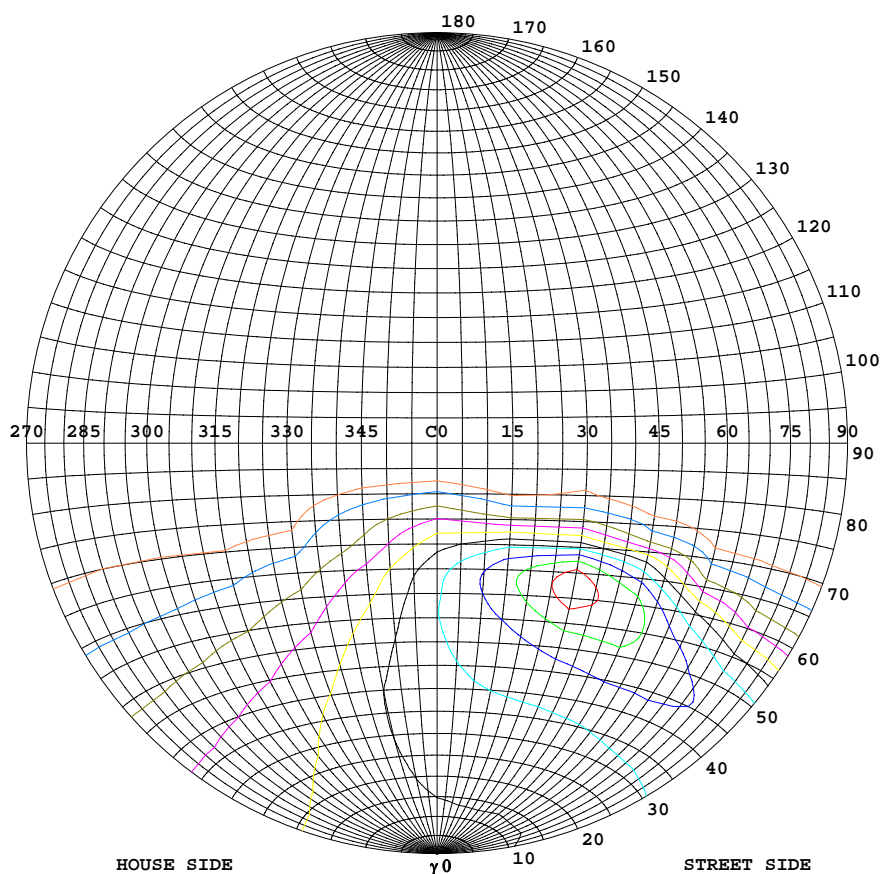
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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:219.2V I:0.2408A P:50.42W PF:0.9551 Freq:50.01Hz Lamp Flux:7803.26x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-50WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:



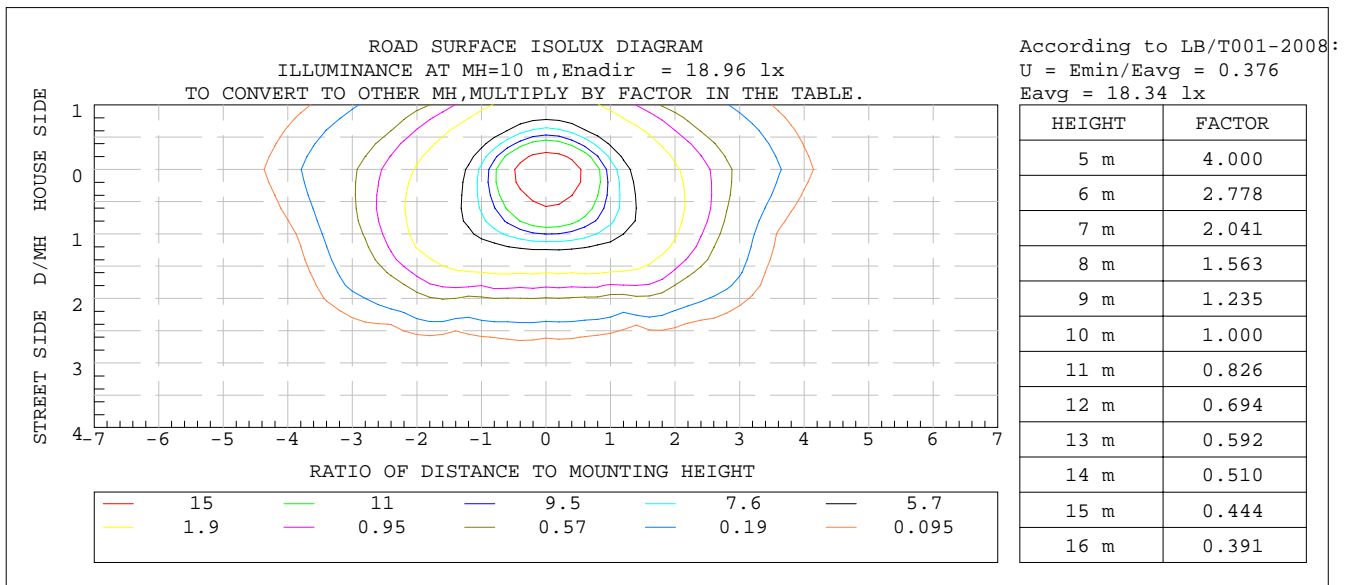
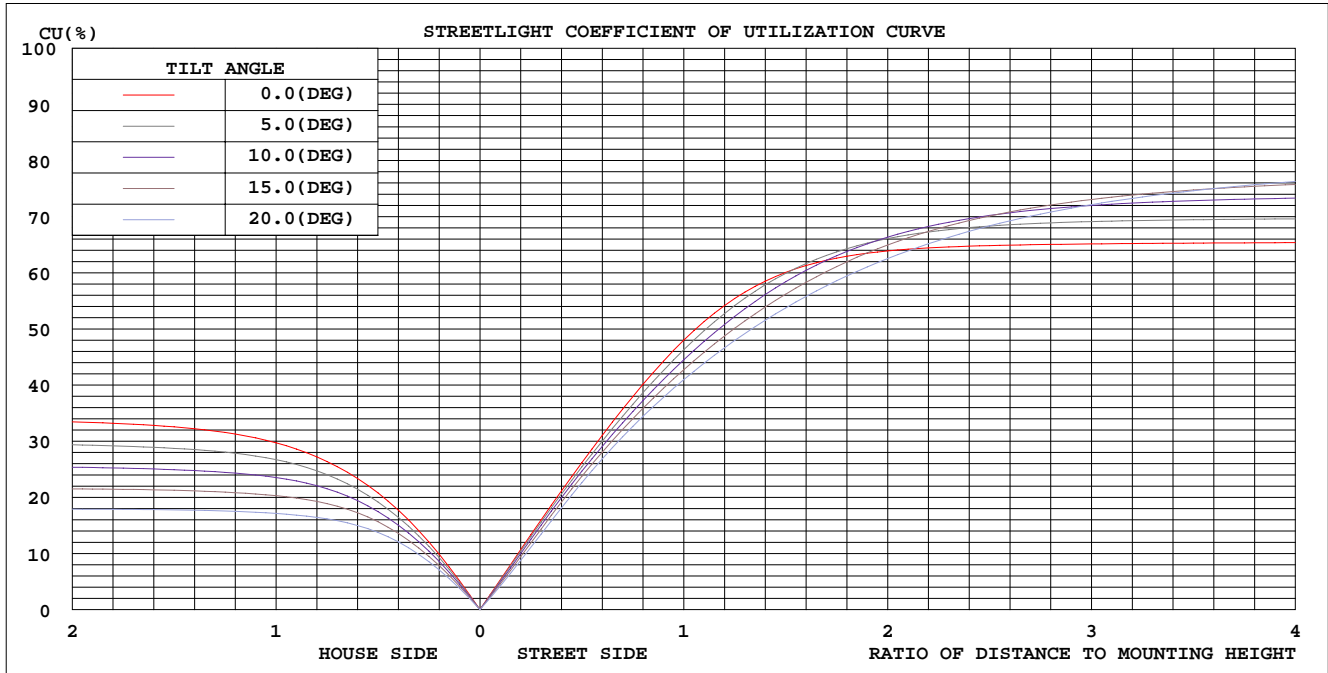
Classification:

IES:Type II - Short
CIE:Average - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:56.34cd/klm
Max.At90:0cd/klm
Max.80-90:56.34cd/klm
NRB 5101:Semi limited[13.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3893
90%	3504
80%	3114
70%	2725
60%	2336
50%	1947
40%	1557
30%	1168
20%	779
10%	389
5%	195

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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: 2024-9-13

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:219.2V I:0.2408A P:50.42W PF:0.9551 Freq:50.01Hz Lamp Flux:7803.26x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-50WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:

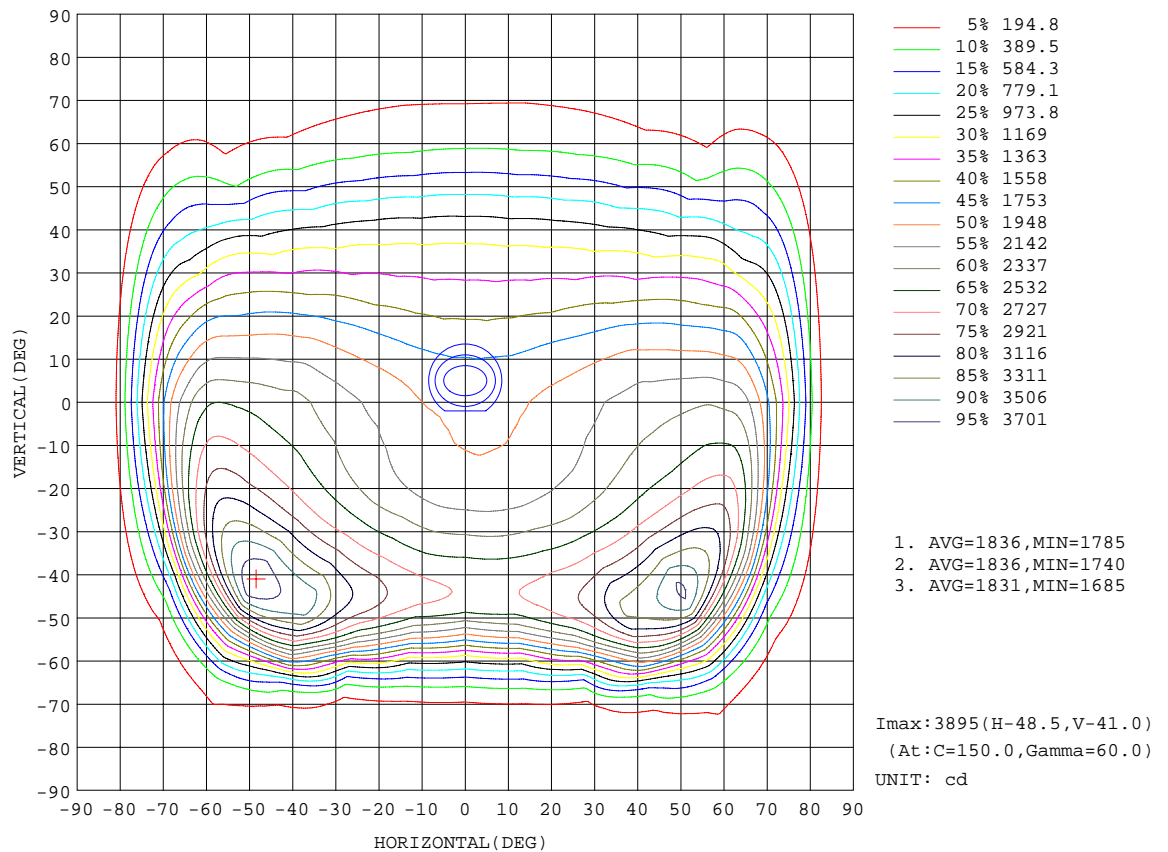
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1912	1933	1939	1967	1955	1829	1756	1805	0- 10	180.4	180.4	2.31,2.31
20	2010	2006	2023	2091	2093	1734	1537	1690	10- 20	535.9	716.3	9.18,9.18
30	2121	2182	2309	2298	2249	1568	1323	1523	20- 30	887.6	1604	20.6,20.6
40	2254	2512	2653	2711	2425	1330	1074	1297	30- 40	1247	2851	36.5,36.5
50	2305	3022	2406	3301	2499	998.3	707.5	993.2	40- 50	1569	4420	56.6,56.6
60	2305	3264	994.5	3397	2510	506.8	357.3	540.9	50- 60	1680	6099	78.2,78.2
70	1801	1378	180.8	1048	1737	174.8	174.1	199.4	60- 70	1263	7362	94.3,94.3
80	439.6	99.87	57.07	80.02	286.0	38.72	27.63	55.98	70- 80	399.1	7761	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	42.00	7803	100,100
100	0	0	0	0	0	0	0	0	90-100	0	7803	100,100
110	0	0	0	0	0	0	0	0	100-110	0	7803	100,100
120	0	0	0	0	0	0	0	0	110-120	0	7803	100,100
130	0	0	0	0	0	0	0	0	120-130	0	7803	100,100
140	0	0	0	0	0	0	0	0	130-140	0	7803	100,100
150	0	0	0	0	0	0	0	0	140-150	0	7803	100,100
160	0	0	0	0	0	0	0	0	150-160	0	7803	100,100
170	0	0	0	0	0	0	0	0	160-170	0	7803	100,100
180	0	0	0	0	0	0	0	0	170-180	0	7803	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:2024-9-13

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

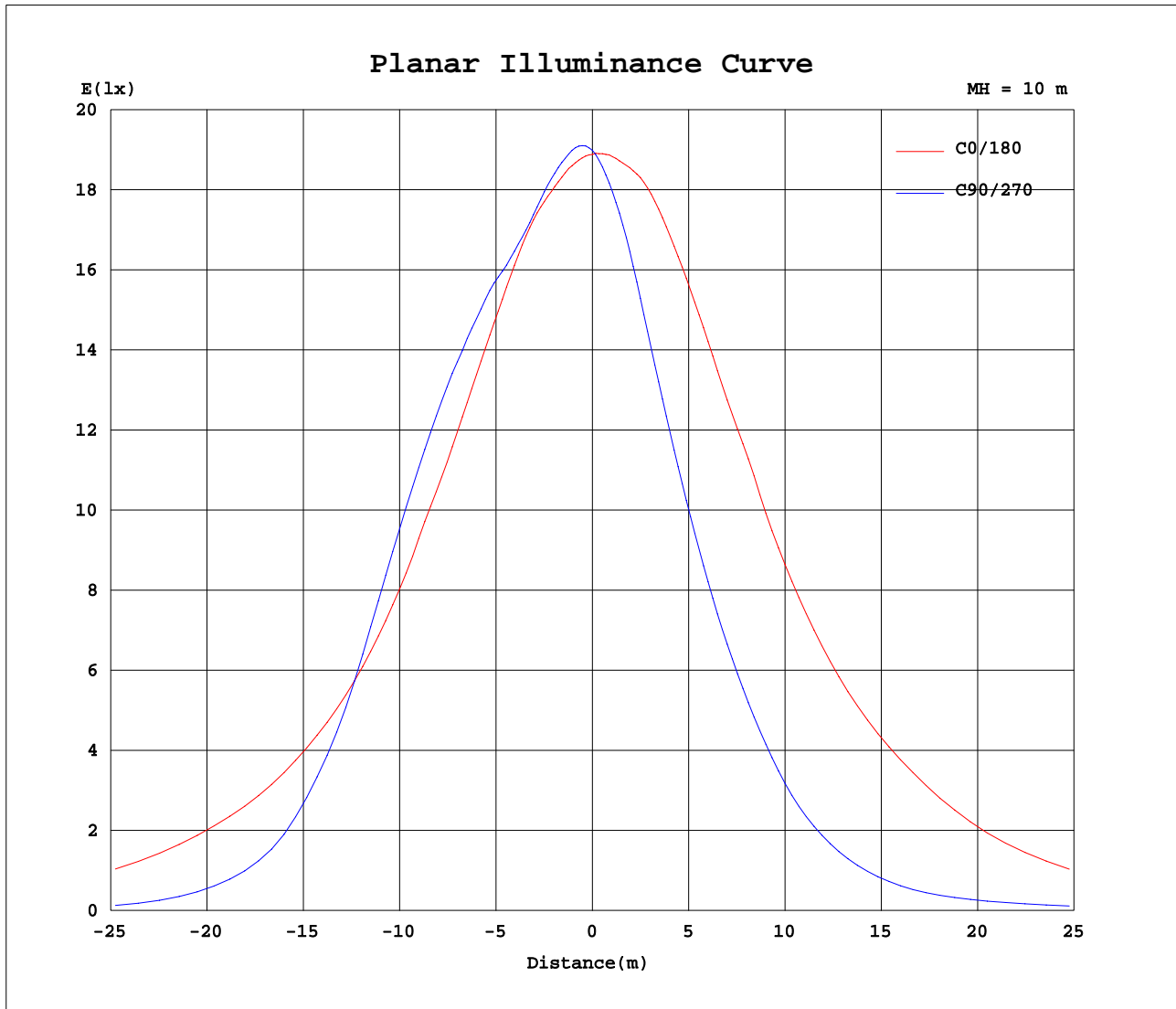
Test:U:219.2V I:0.2408A P:50.42W PF:0.9551 Freq:50.01Hz Lamp Flux:7803.26x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-50WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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



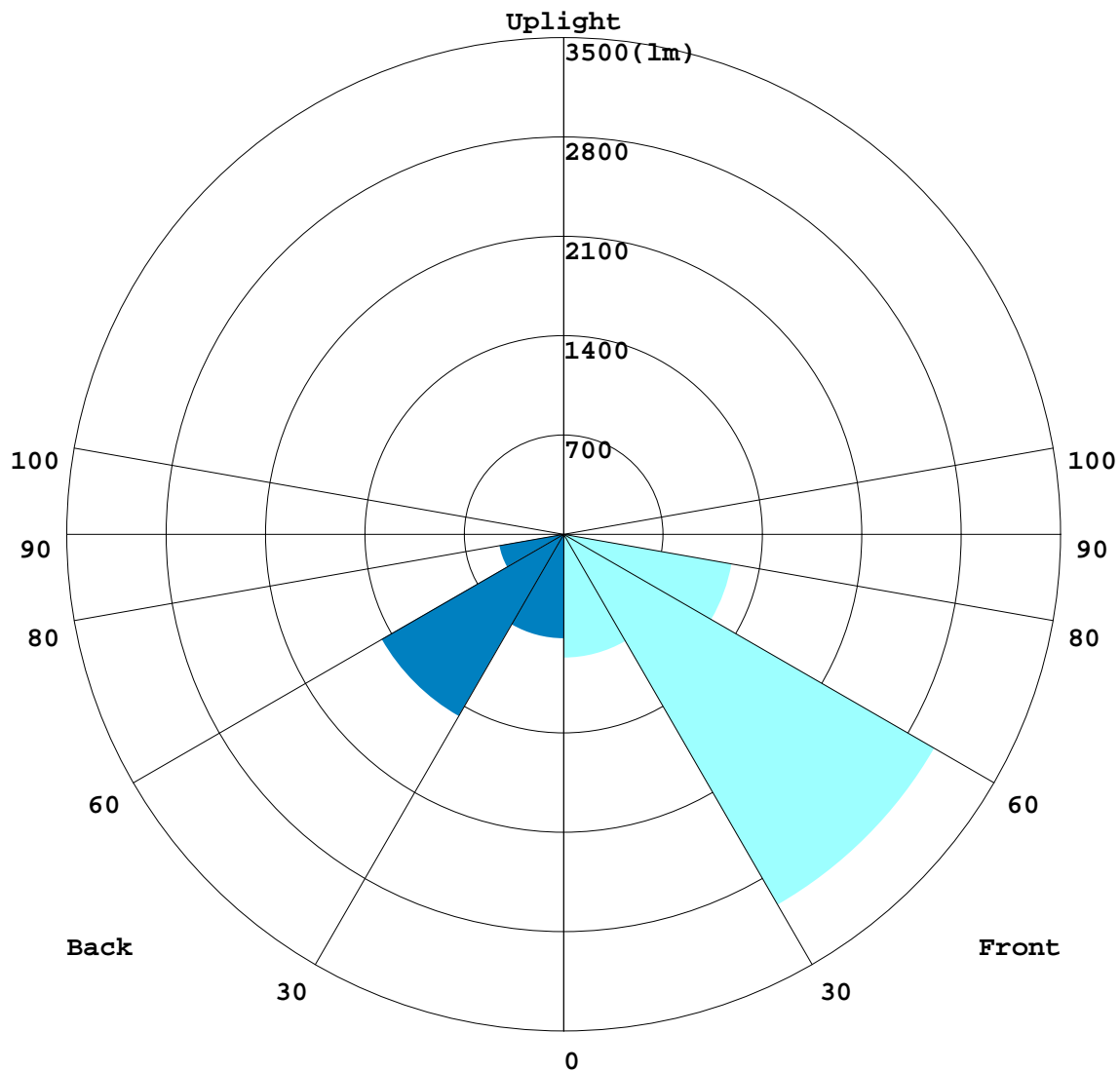
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-9-13

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:219.2V I:0.2408A P:50.42W PF:0.9551 Freq:50.01Hz Lamp Flux:7803.26x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-50WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	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:2024-9-13

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:219.2V I:0.2408A P:50.42W PF:0.9551 Freq:50.01Hz Lamp Flux:7803.26x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-50WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	870.31	11.2
FM - Front-Medium(30-60)	3015	38.6
FH - Front-High(60-80)	1202.5	15.4
FVH - Front-Very High(80-90)	25.259	0.3
Total Forward Light	5113.1	65.5

BL - Back-Low(0-30)	733.57	9.4
BM - Back-Medium(30-60)	1480.2	19.0
BH - Back-High(60-80)	459.67	5.9
BVH - Back-Very High(80-90)	16.736	0.2
Total Back Light	2690.1	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-G1
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2690.1	0	2690.1
Street Side	5113.1	0	5113.1

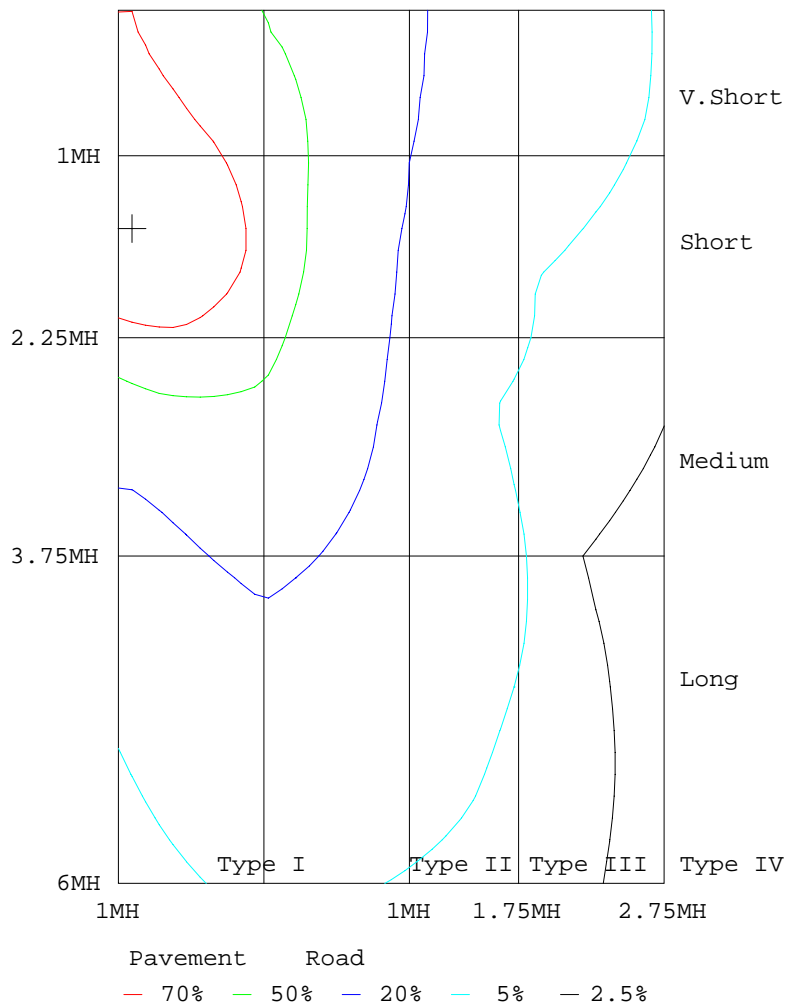
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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:219.2V I:0.2408A P:50.42W PF:0.9551 Freq:50.01Hz Lamp Flux:7803.26x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-50WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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:219.2V I:0.2408A P:50.42W PF:0.9551 Freq:50.01Hz Lamp Flux:7803.26x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-50WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	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	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895
5	1896	1903	1910	1915	1918	1922	1923	1928	1929	1930	1929	1922	1916	1900	1882	1864	1850	1839	1834
10	1912	1927	1932	1933	1933	1935	1939	1950	1960	1967	1974	1970	1955	1920	1876	1829	1793	1766	1756
15	1957	1972	1966	1958	1961	1962	1967	1982	1996	2018	2045	2048	2025	1962	1877	1791	1716	1664	1648
20	2010	2035	2028	2006	1999	2008	2023	2038	2053	2091	2121	2126	2093	1996	1872	1734	1623	1557	1537
25	2059	2090	2088	2078	2082	2112	2141	2150	2165	2177	2197	2207	2166	2027	1845	1656	1528	1451	1430
30	2121	2160	2154	2182	2232	2275	2309	2314	2330	2298	2296	2304	2249	2053	1801	1568	1426	1345	1323
35	2183	2245	2264	2319	2403	2450	2489	2492	2515	2487	2449	2415	2327	2073	1735	1459	1311	1230	1208
40	2254	2343	2407	2512	2593	2627	2653	2679	2719	2711	2611	2534	2425	2054	1634	1330	1181	1099	1074
45	2280	2439	2594	2745	2774	2716	2691	2784	2933	2980	2848	2655	2453	1996	1497	1181	1025	921	897
50	2305	2556	2863	3022	2861	2544	2406	2602	3019	3301	3180	2815	2499	1897	1323	998	811	722	707
55	2330	2736	3243	3289	2641	2030	1766	2052	2731	3567	3596	3021	2531	1749	1110	753	597	525	519
60	2305	2938	3670	3264	2029	1198	995	1170	2037	3397	3893	3155	2510	1558	857	507	400	353	357
65	2196	2957	3609	2593	1010	579	464	539	889	2510	3328	2848	2239	1219	535	303	261	256	266
70	1801	2258	2245	1378	309	212	181	191	251	1048	1793	1866	1737	867	273	175	184	188	174
75	1184	858	869	307	121	116	93.5	110	110	248	594	515	970	504	131	106	124	92.0	93.1
80	440	172	216	99.9	64.7	61.7	57.1	58.8	56.3	80.0	188	83.6	286	185	55.3	38.7	49.2	43.0	27.6
85	74.8	31.5	102	30.1	24.8	30.0	25.7	27.0	19.8	21.7	46.4	20.0	25.9	27.1	11.5	10.3	12.6	13.8	3.90
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:2024-9-13

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:219.2V I:0.2408A P:50.42W PF:0.9551 Freq:50.01Hz Lamp Flux:7803.26x1 lm		
NAME: AoK iLF	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-50WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.:150*100mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	1895	1895	1895	1895	1895													
5	1835	1842	1850	1864	1880													
10	1759	1778	1805	1841	1878													
15	1657	1696	1753	1825	1895													
20	1549	1600	1690	1811	1921													
25	1443	1502	1613	1778	1935													
30	1336	1400	1523	1725	1949													
35	1220	1288	1418	1657	1955													
40	1094	1164	1297	1561	1943													
45	918	1015	1158	1432	1881													
50	726	816	993	1276	1789													
55	535	614	770	1091	1657													
60	367	425	541	868	1489													
65	265	278	341	585	1254													
70	195	197	199	302	877													
75	108	145	120	153	588													
80	66.5	82.7	56.0	70.8	250													
85	23.6	21.9	18.7	20.0	45.3													
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:2024-9-13

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: