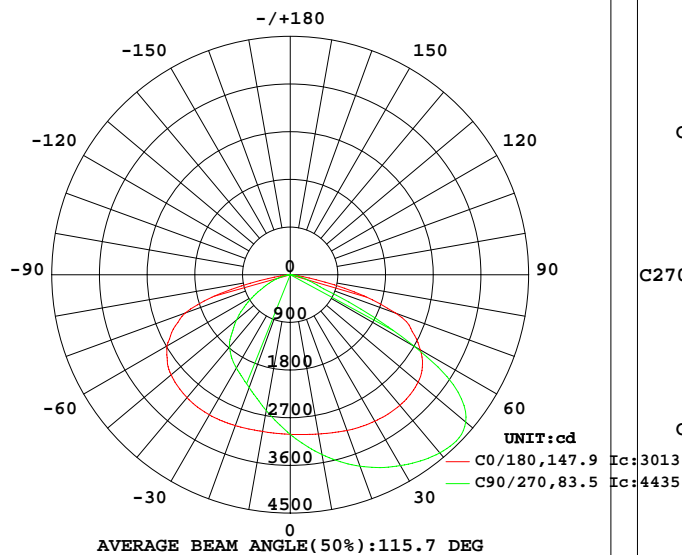
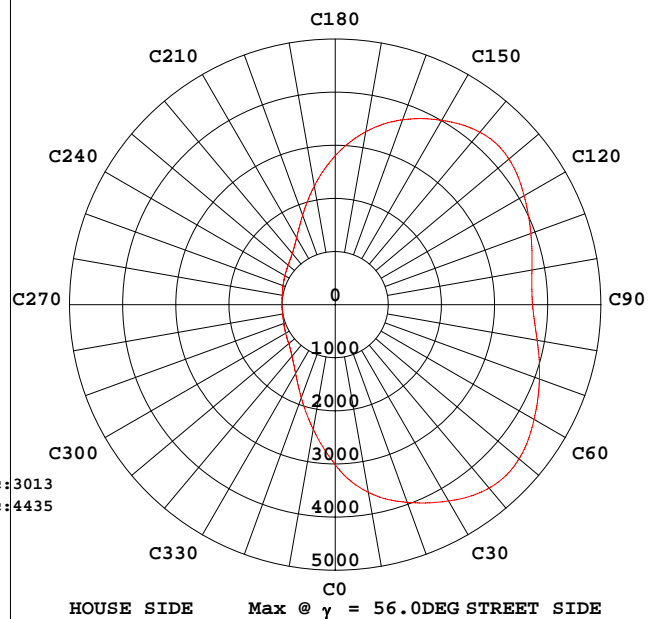


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.3731A P:80.01W PF:0.9777 Freq:50.01Hz Lamp Flux:12220.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 152.75 lm/W			
MODEL	3030	Imax(cd)	4547	η street_up(%)	0.0
NOMINAL POWER(W)	80	LOR(%)	100.0	η street_down(%)	68.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	12221	η house_up(%)	0.0
NOMINAL FLUX(lm)	12220.8	MAXIMUM @(C, γ)	45,56.0	η house_down(%)	31.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.889

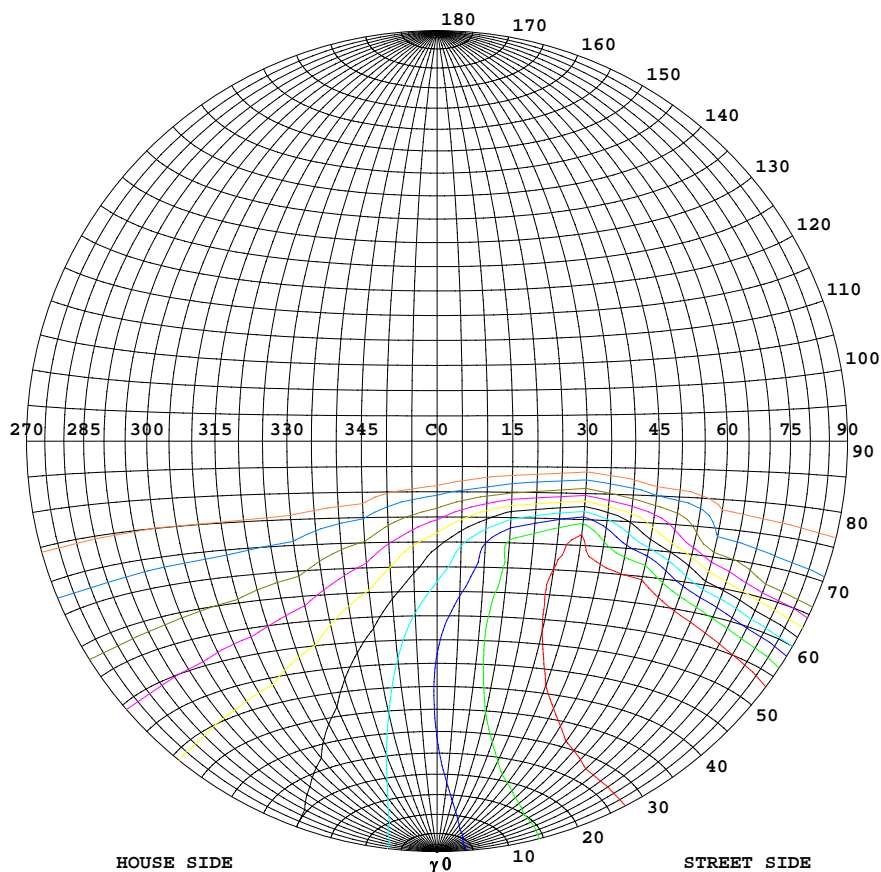
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

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:0.3731A P:80.01W PF:0.9777 Freq:50.01Hz Lamp Flux:12220.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



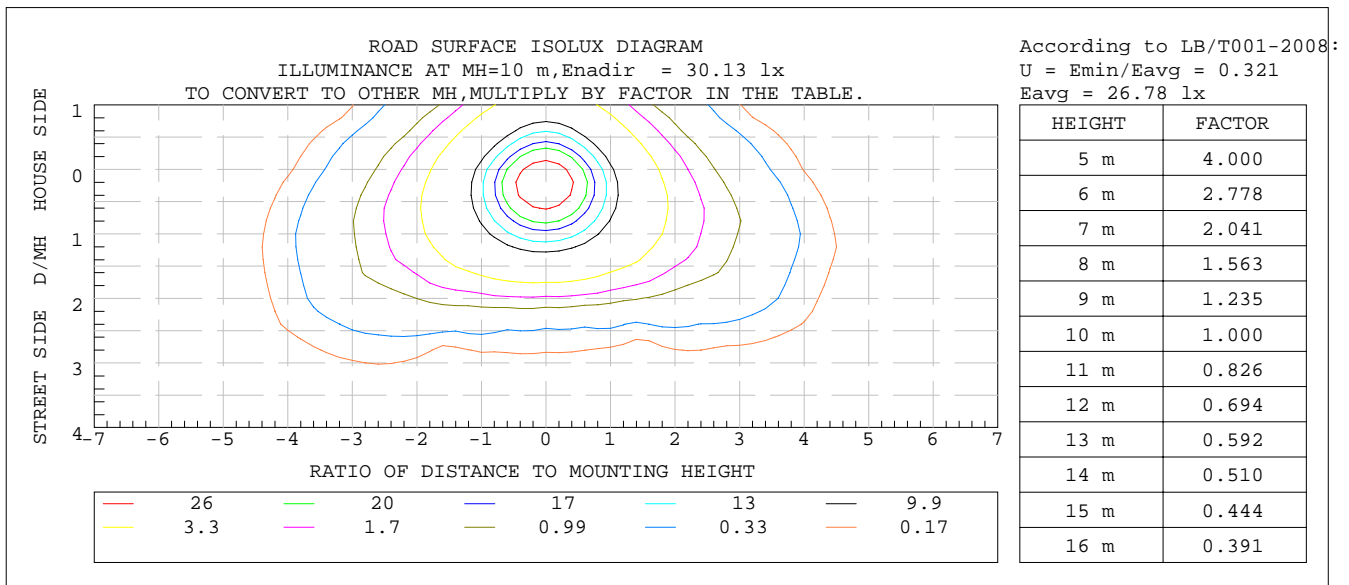
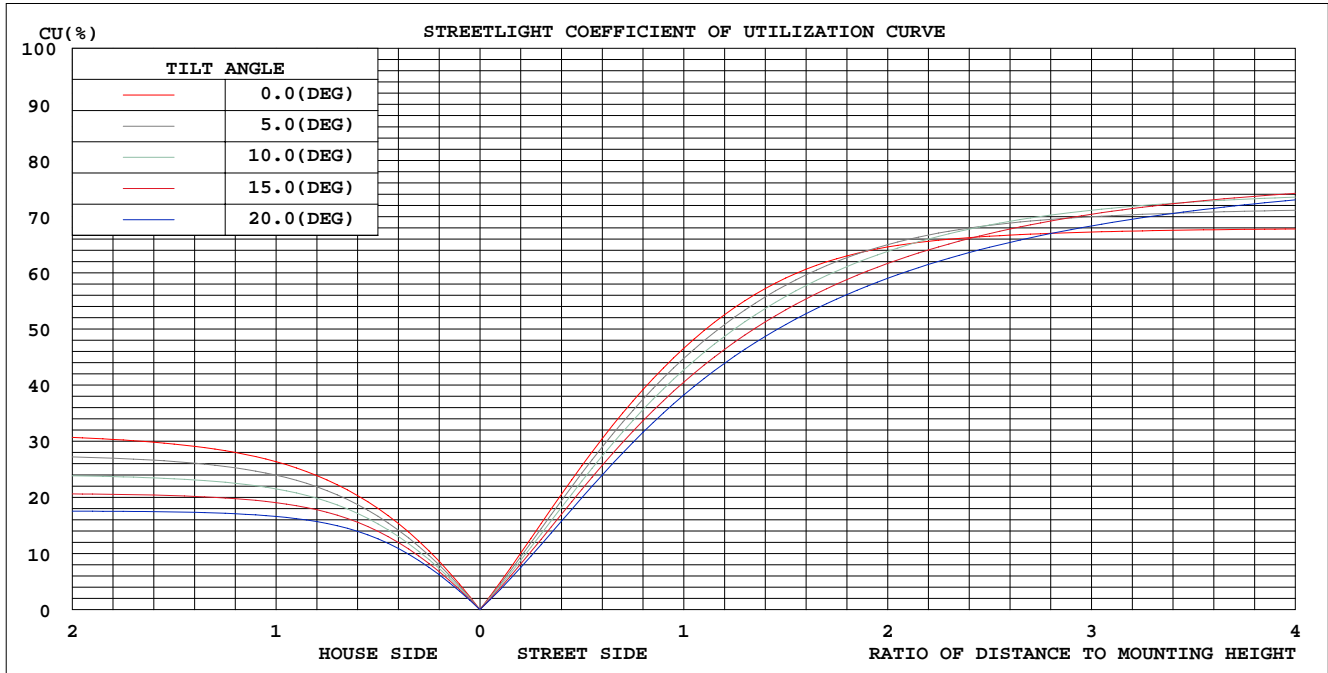
Classification:

IES:Type III - Short
CIE:Broad - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:99.84cd/klm
Max.At90:0cd/klm
Max.80-90:99.84cd/klm
NRB 5101:Semi limited[20.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4547
90%	4092
80%	3637
70%	3183
60%	2728
50%	2273
40%	1819
30%	1364
20%	909
10%	455
5%	227

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-26

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: 2024-12-26

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:0.3731A P:80.01W PF:0.9777 Freq:50.01Hz Lamp Flux:12220.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

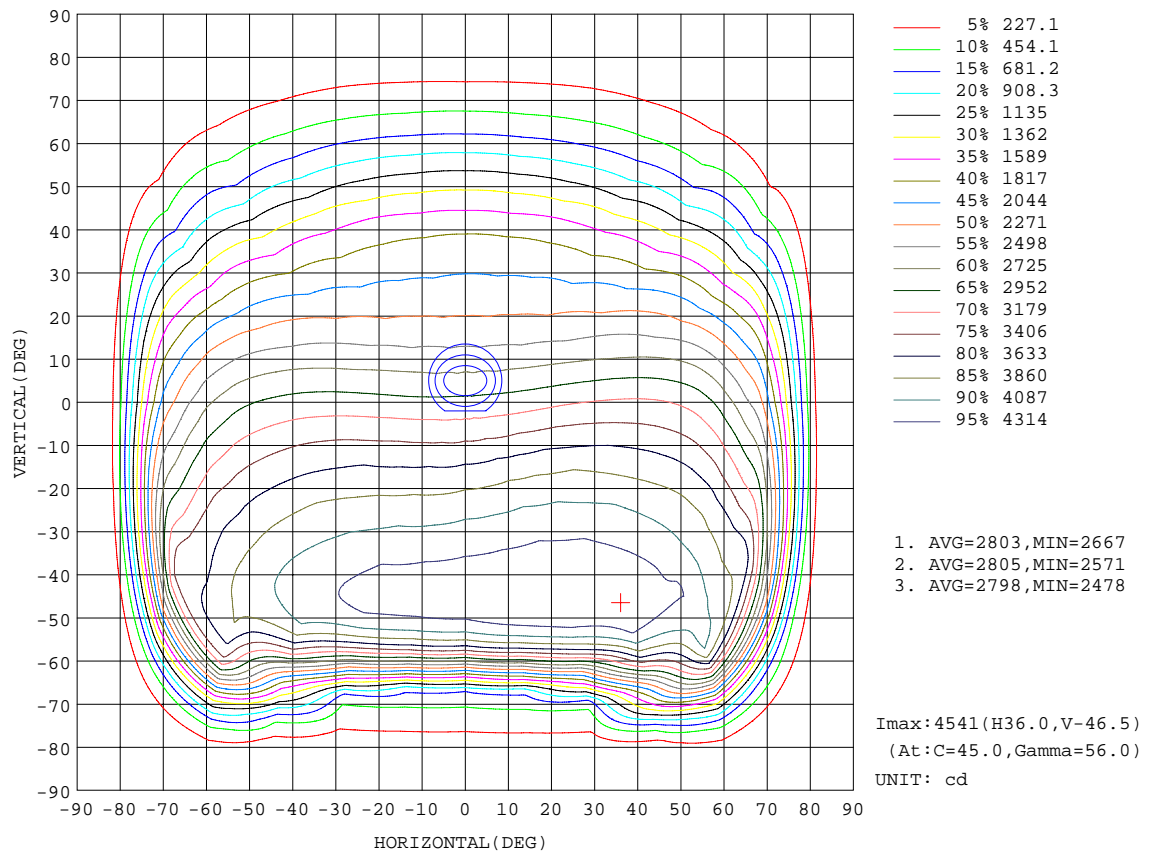
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	3053	3355	3446	3311	3005	2709	2604	2730	0- 10	288.1	288.1	2.36,2.36
20	3127	3747	3844	3616	3031	2436	2268	2459	10- 20	863.9	1152	9.43,9.43
30	3193	4062	4160	3885	3054	2185	2036	2214	20- 30	1428	2580	21.1,21.1
40	3219	4297	4389	4104	3030	1912	1783	1940	30- 40	1945	4525	37,37
50	3152	4485	4323	4271	2936	1551	1322	1559	40- 50	2343	6867	56.2,56.2
60	2832	4469	2706	4133	2686	970.3	793.1	950.6	50- 60	2445	9312	76.2,76.2
70	2117	2849	485.1	2217	2111	438.8	371.6	408.6	60- 70	1882	11194	91.6,91.6
80	362.5	464.2	118.6	320.0	426.0	100.3	89.65	96.93	70- 80	933.5	12128	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	93.04	12221	100,100
100	0	0	0	0	0	0	0	0	90-100	0	12221	100,100
110	0	0	0	0	0	0	0	0	100-110	0	12221	100,100
120	0	0	0	0	0	0	0	0	110-120	0	12221	100,100
130	0	0	0	0	0	0	0	0	120-130	0	12221	100,100
140	0	0	0	0	0	0	0	0	130-140	0	12221	100,100
150	0	0	0	0	0	0	0	0	140-150	0	12221	100,100
160	0	0	0	0	0	0	0	0	150-160	0	12221	100,100
170	0	0	0	0	0	0	0	0	160-170	0	12221	100,100
180	0	0	0	0	0	0	0	0	170-180	0	12221	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:2024-12-26

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

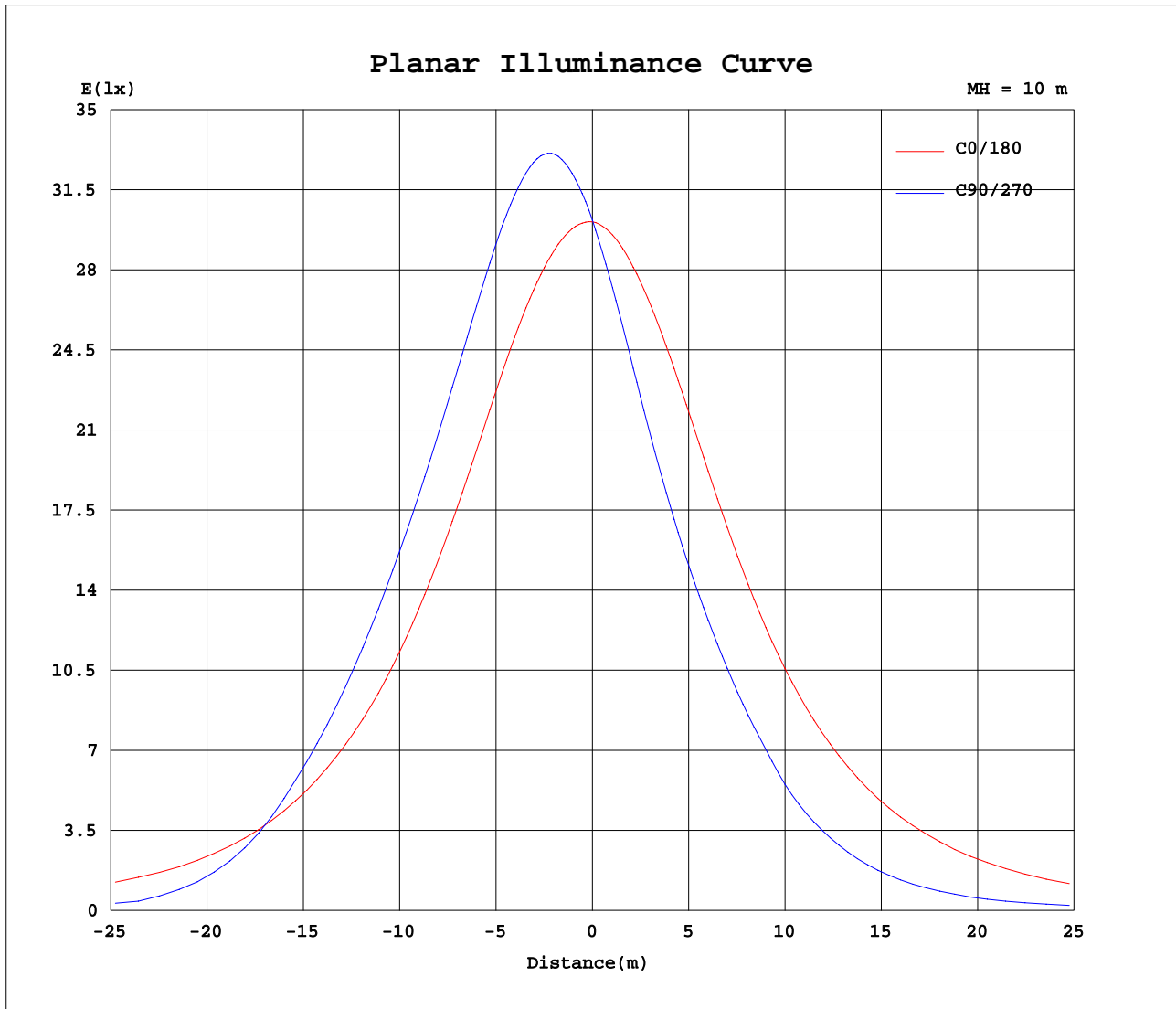
Test:U:219.3V I:0.3731A P:80.01W PF:0.9777 Freq:50.01Hz Lamp Flux:12220.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-26

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



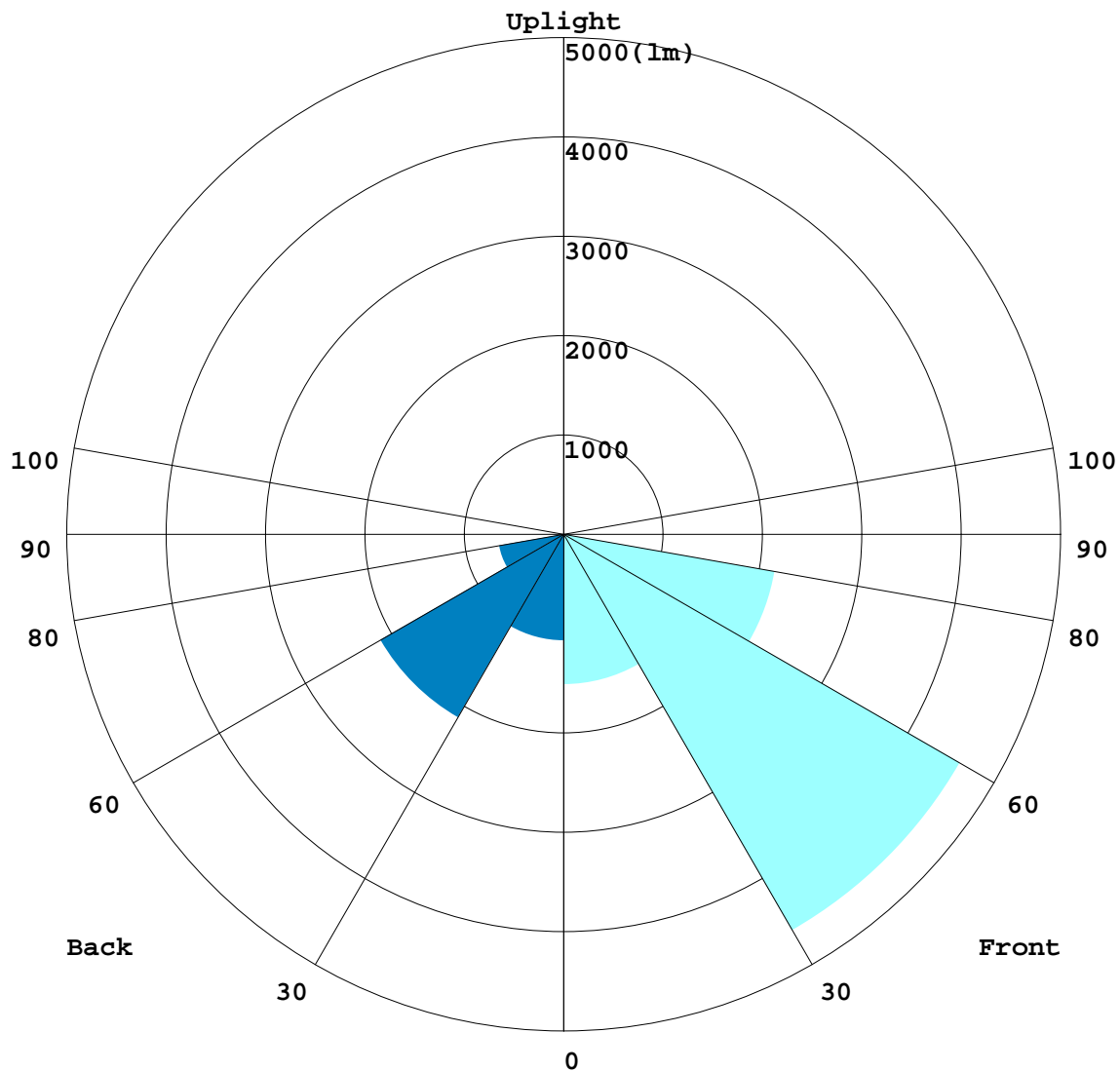
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-26

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:0.3731A P:80.01W PF:0.9777 Freq:50.01Hz Lamp Flux:12220.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T321-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:2024-12-26

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:0.3731A P:80.01W PF:0.9777 Freq:50.01Hz Lamp Flux:12220.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WILE-NV-L3-00-5070-T321-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)	1510.8	12.4
FM - Front-Medium(30-60)	4603.4	37.7
FH - Front-High(60-80)	2157	17.7
FVH - Front-Very High(80-90)	69.884	0.6
Total Forward Light	8341.1	68.3

BL - Back-Low(0-30)	1068.9	8.7
BM - Back-Medium(30-60)	2129	17.4
BH - Back-High(60-80)	658.56	5.4
BVH - Back-Very High(80-90)	23.158	0.2
Total Back Light	3879.6	31.7

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3879.6	0	3879.6
Street Side	8341.1	0	8341.1

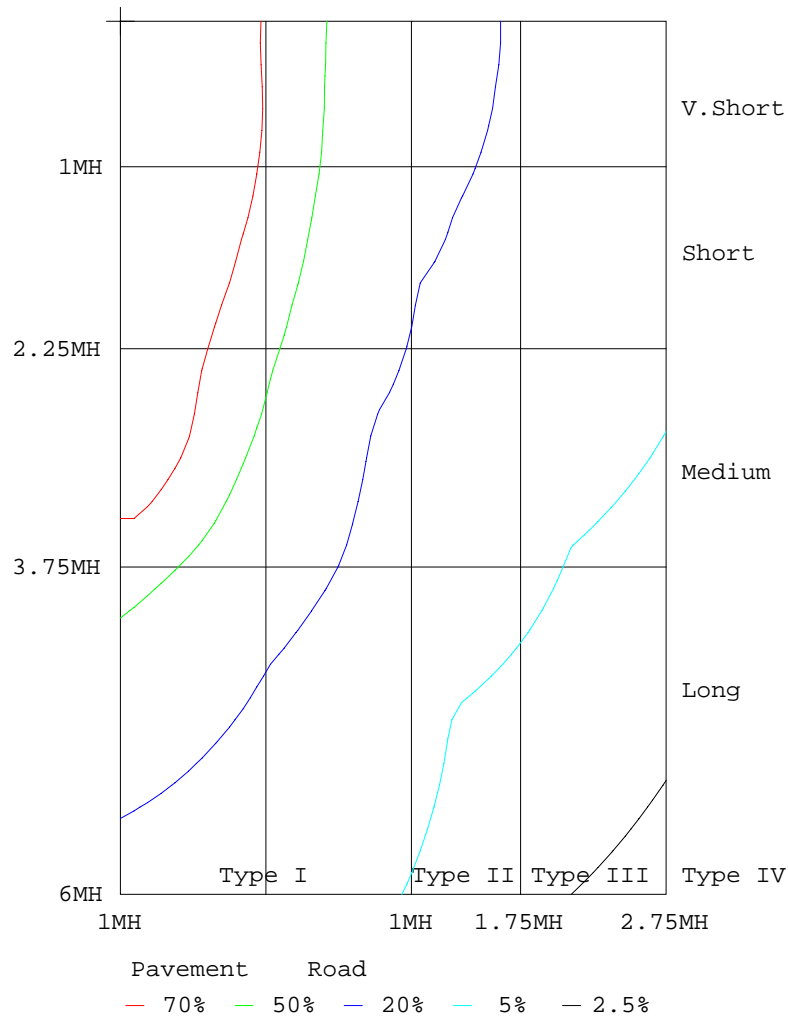
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-26

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:0.3731A P:80.01W PF:0.9777 Freq:50.01Hz Lamp Flux:12220.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T321-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:2024-12-26

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:0.3731A P:80.01W PF:0.9777 Freq:50.01Hz Lamp Flux:12220.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	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	3013	3013	3013	3013	3013	3013	3013	3013	3013	3013	3013	3013	3013	3013	3013	3013	3013	3013	3013
5	3027	3082	3132	3175	3206	3225	3227	3218	3193	3157	3113	3060	3005	2950	2899	2853	2823	2803	2801
10	3053	3166	3271	3355	3412	3444	3446	3422	3375	3311	3224	3117	3005	2895	2794	2709	2651	2610	2604
15	3087	3266	3428	3552	3628	3660	3654	3619	3558	3468	3341	3184	3015	2846	2698	2570	2488	2433	2422
20	3127	3376	3593	3747	3827	3860	3844	3799	3722	3616	3460	3258	3031	2803	2600	2436	2339	2282	2268
25	3165	3480	3745	3917	4002	4034	4016	3964	3874	3754	3575	3333	3046	2751	2496	2309	2204	2148	2139
30	3193	3571	3873	4062	4151	4182	4160	4114	4020	3885	3682	3397	3054	2695	2387	2185	2080	2039	2036
35	3213	3644	3976	4186	4283	4317	4289	4251	4152	4005	3772	3450	3050	2625	2273	2057	1966	1929	1924
40	3219	3701	4064	4297	4402	4429	4389	4361	4275	4104	3847	3492	3030	2536	2139	1912	1833	1794	1783
45	3202	3749	4138	4396	4494	4491	4435	4417	4362	4198	3908	3513	2993	2419	1974	1755	1668	1584	1557
50	3152	3787	4205	4485	4531	4449	4323	4349	4379	4271	3964	3527	2936	2272	1769	1551	1406	1340	1322
55	3044	3798	4258	4544	4389	4106	3868	3968	4186	4299	4001	3530	2832	2072	1512	1266	1149	1082	1060
60	2832	3772	4302	4469	3817	3113	2706	2952	3526	4133	4016	3523	2686	1796	1215	970	878	815	793
65	2542	3707	4285	4013	2465	1620	1220	1427	2181	3530	3976	3474	2436	1427	848	687	625	559	547
70	2117	3690	4188	2849	1118	569	485	528	745	2217	3747	3548	2111	950	532	439	404	375	372
75	1252	2629	3392	1685	373	308	276	295	335	1167	2995	2857	1366	475	284	243	236	219	203
80	363	843	1220	464	159	132	119	125	143	320	1141	1016	426	152	114	100	103	88.7	89.6
85	50.0	77.2	142	67.3	43.2	35.1	29.8	32.5	37.7	56.5	146	85.8	50.9	35.0	28.2	26.0	27.5	26.3	27.2
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:2024-12-26

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:0.3731A P:80.01W PF:0.9777 Freq:50.01Hz Lamp Flux:12220.8x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-80WiLE-NV-L3-00-5070-T321-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	3013	3013	3013	3013	3013														
5	2808	2832	2866	2915	2969														
10	2617	2664	2730	2823	2932														
15	2439	2499	2593	2733	2897														
20	2288	2351	2459	2637	2863														
25	2157	2219	2330	2535	2825														
30	2049	2099	2214	2429	2777														
35	1936	1982	2085	2319	2717														
40	1800	1845	1940	2192	2634														
45	1581	1672	1771	2029	2526														
50	1337	1399	1559	1821	2378														
55	1072	1136	1259	1556	2165														
60	800	855	951	1224	1855														
65	547	596	657	826	1451														
70	369	391	409	496	940														
75	215	228	233	259	432														
80	88.3	103	96.9	107	137														
85	26.4	27.7	26.4	28.3	34.3														
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:2024-12-26

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: