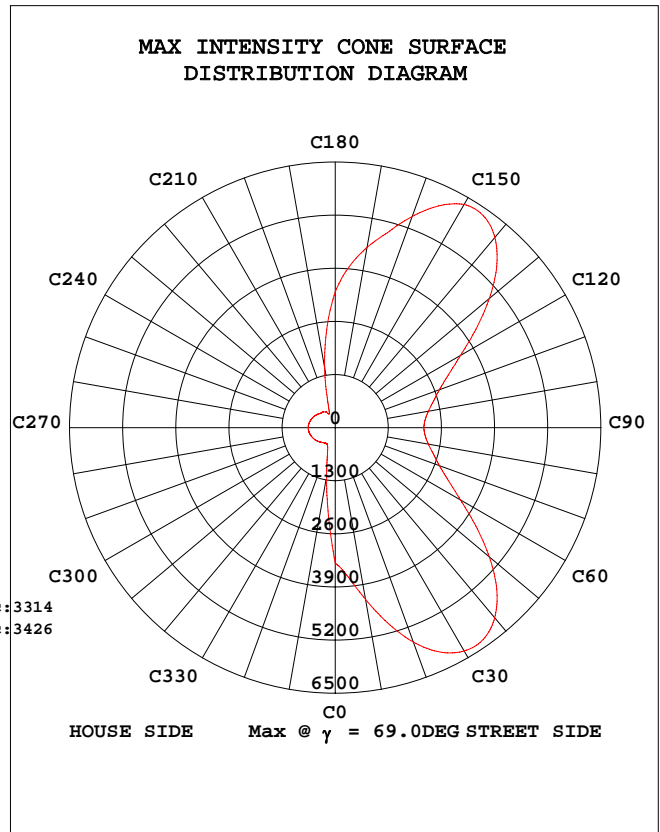
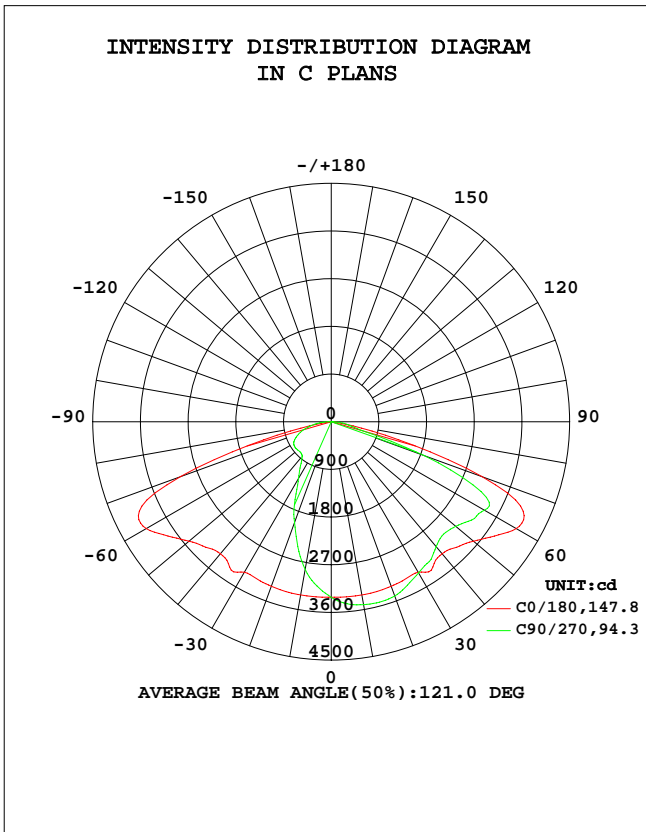


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:219.2V I:0.3518A P:75.12W PF:0.9742 Freq:49.99Hz Lamp Flux:12611.4x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 167.89 lm/W			
MODEL	5050	I <sub>max</sub> (cd)	6308	η street_up(%)	0.0
NOMINAL POWER(W)	75	LOR(%)	100.0	η street_down(%)	72.6
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	12611	η house_up(%)	0.0
NOMINAL FLUX(lm)	12611.4	MAXIMUM @(C,γ )	30,69.0	η house_down(%)	27.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.754

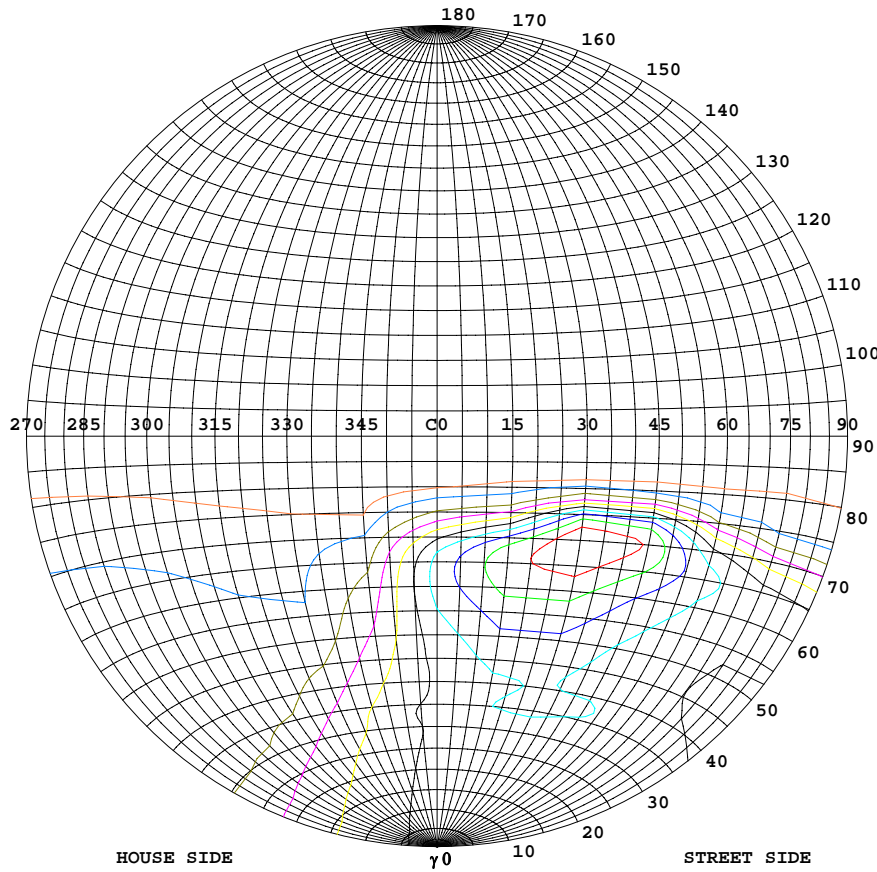


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2019-09-02

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 7.801m [K=1.0000]  
 Remarks:

**STREETLIGHT ISOCANDELA DIAGRAM**

Test:U:219.2V I:0.3518A P:75.12W PF:0.9742 Freq:49.99Hz Lamp Flux:12611.4x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75Wot-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



**Classification:**

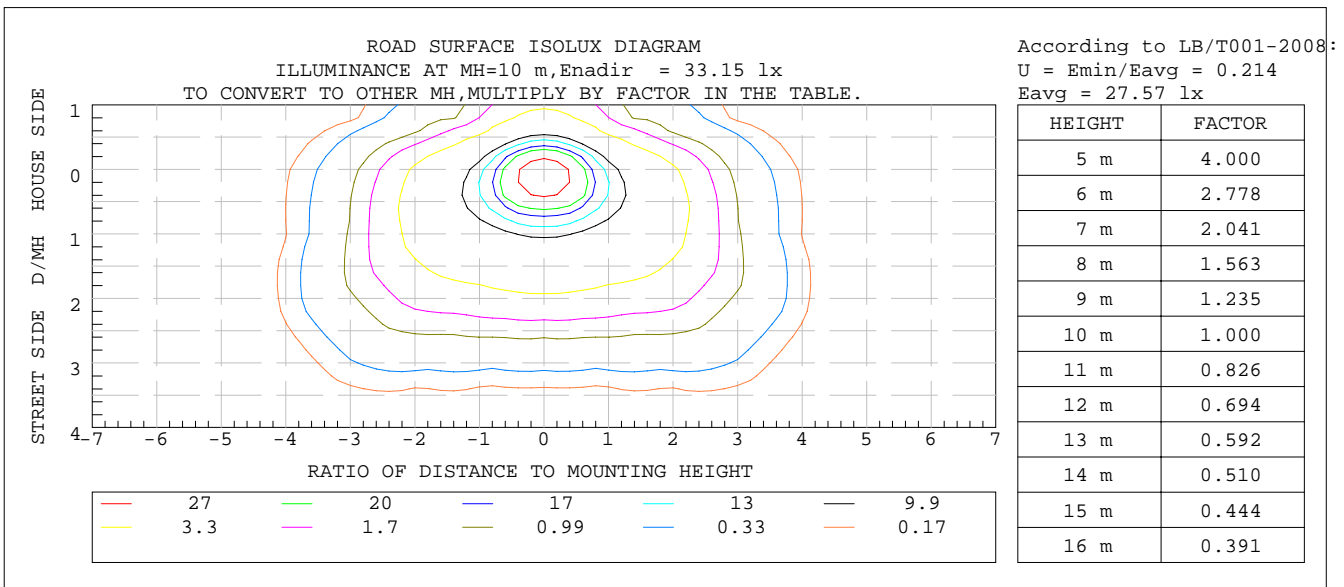
IES:Type IV - Medium  
 CIE:Broad - Intermediate  
 IES:Full cut-off  
 CIE:Semi-cut-off  
 Max.At80:66.54cd/klm  
 Max.At90:0cd/klm  
 Max.80-90:66.54cd/klm  
 NRB 5101:Limited[2.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6308
90%	5677
80%	5046
70%	4416
60%	3785
50%	3154
40%	2523
30%	1892
20%	1262
10%	631
5%	315

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-09-02

gamma Range: 0 - 180DEG  
 gamma Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.801m [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:  
Test Date: 2019-09-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 7.801m [K=1.0000]  
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.2V I:0.3518A P:75.12W PF:0.9742 Freq:49.99Hz Lamp Flux:12611.4x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

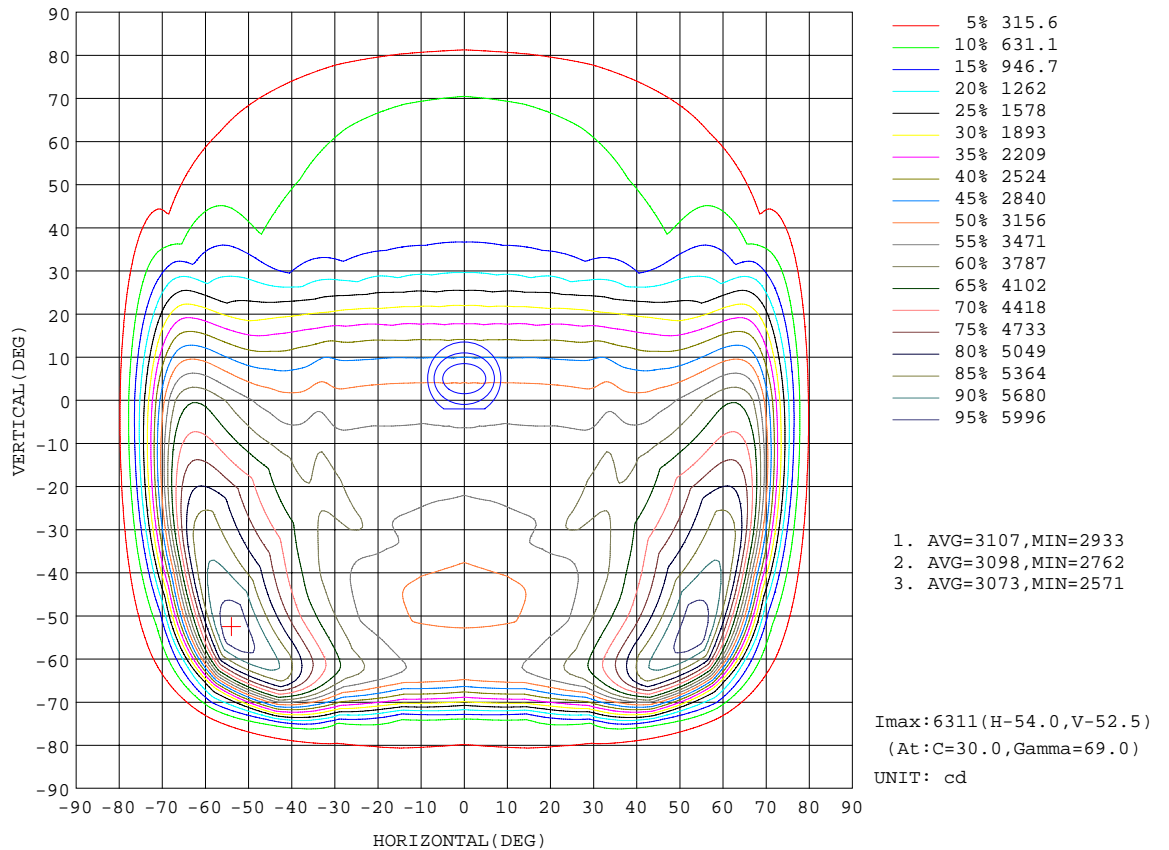
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	3321	3492	3505	3492	3321	3005	2835	3005	0- 10	313.3	313.3	2.48,2.48
20	3306	3560	3501	3560	3306	2475	2030	2475	10- 20	888.8	1202	9.53,9.53
30	3281	3593	3296	3593	3281	1813	1239	1813	20- 30	1331	2533	20.1,20.1
40	3255	3725	3082	3725	3255	1020	857.4	1020	30- 40	1657	4190	33.2,33.2
50	3509	3748	3071	3748	3509	737.4	828.7	737.4	40- 50	1892	6082	48.2,48.2
60	4034	4432	3340	4432	4034	637.7	819.2	637.7	50- 60	2299	8381	66.5,66.5
70	3018	5623	1860	5623	3018	484.7	642.2	484.7	60- 70	2681	11063	87.7,87.7
80	286.2	488.5	311.4	488.5	286.2	237.9	354.7	237.9	70- 80	1409	12472	98.9,98.9
90	0	0	0	0	0	0	0	0	80- 90	139.0	12611	100,100
100	0	0	0	0	0	0	0	0	90-100	0	12611	100,100
110	0	0	0	0	0	0	0	0	100-110	0	12611	100,100
120	0	0	0	0	0	0	0	0	110-120	0	12611	100,100
130	0	0	0	0	0	0	0	0	120-130	0	12611	100,100
140	0	0	0	0	0	0	0	0	130-140	0	12611	100,100
150	0	0	0	0	0	0	0	0	140-150	0	12611	100,100
160	0	0	0	0	0	0	0	0	150-160	0	12611	100,100
170	0	0	0	0	0	0	0	0	160-170	0	12611	100,100
180	0	0	0	0	0	0	0	0	170-180	0	12611	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-09-02

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.801m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

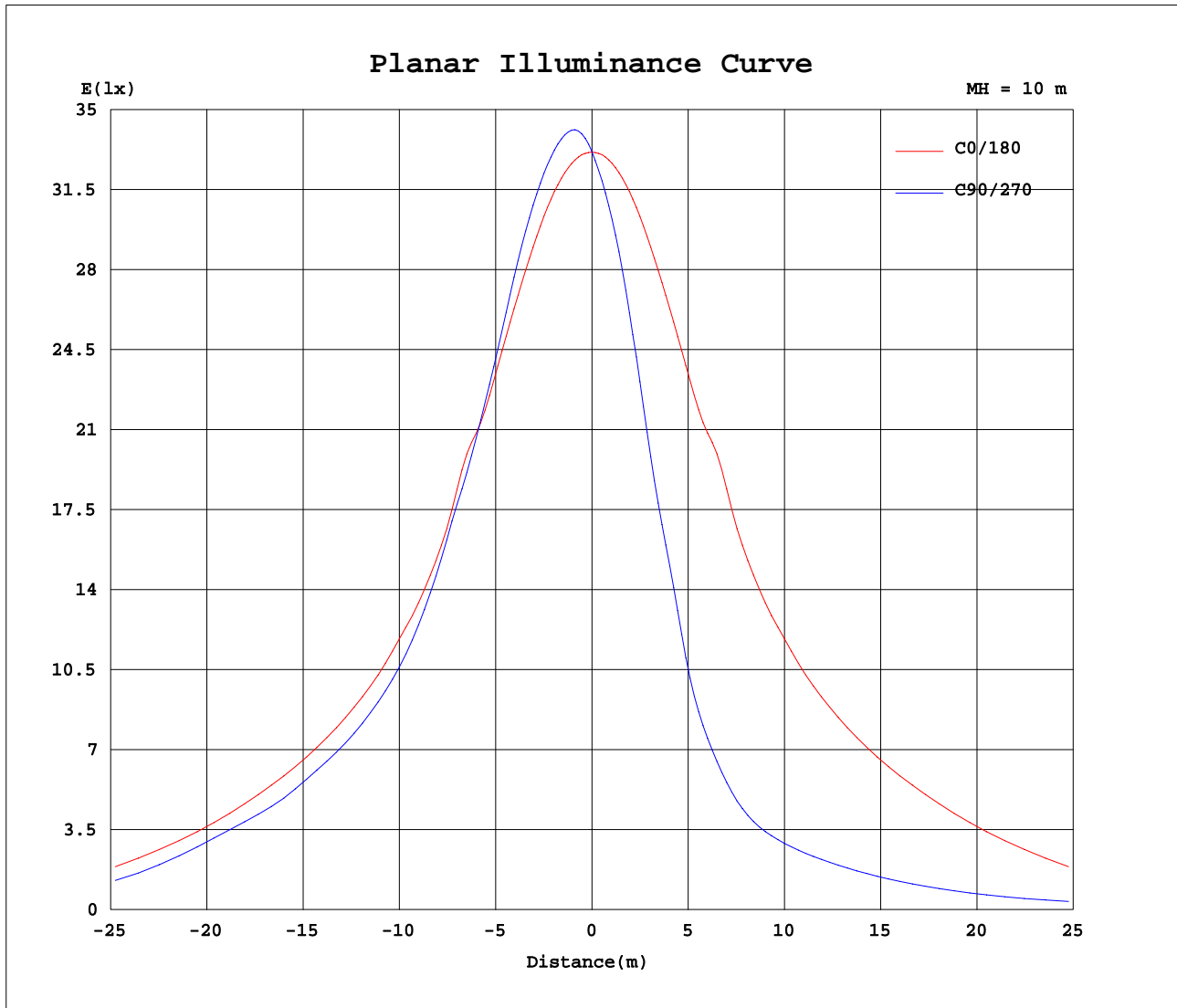
Test:U:219.2V I:0.3518A P:75.12W PF:0.9742 Freq:49.99Hz Lamp Flux:12611.4x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-09-02

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.801m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



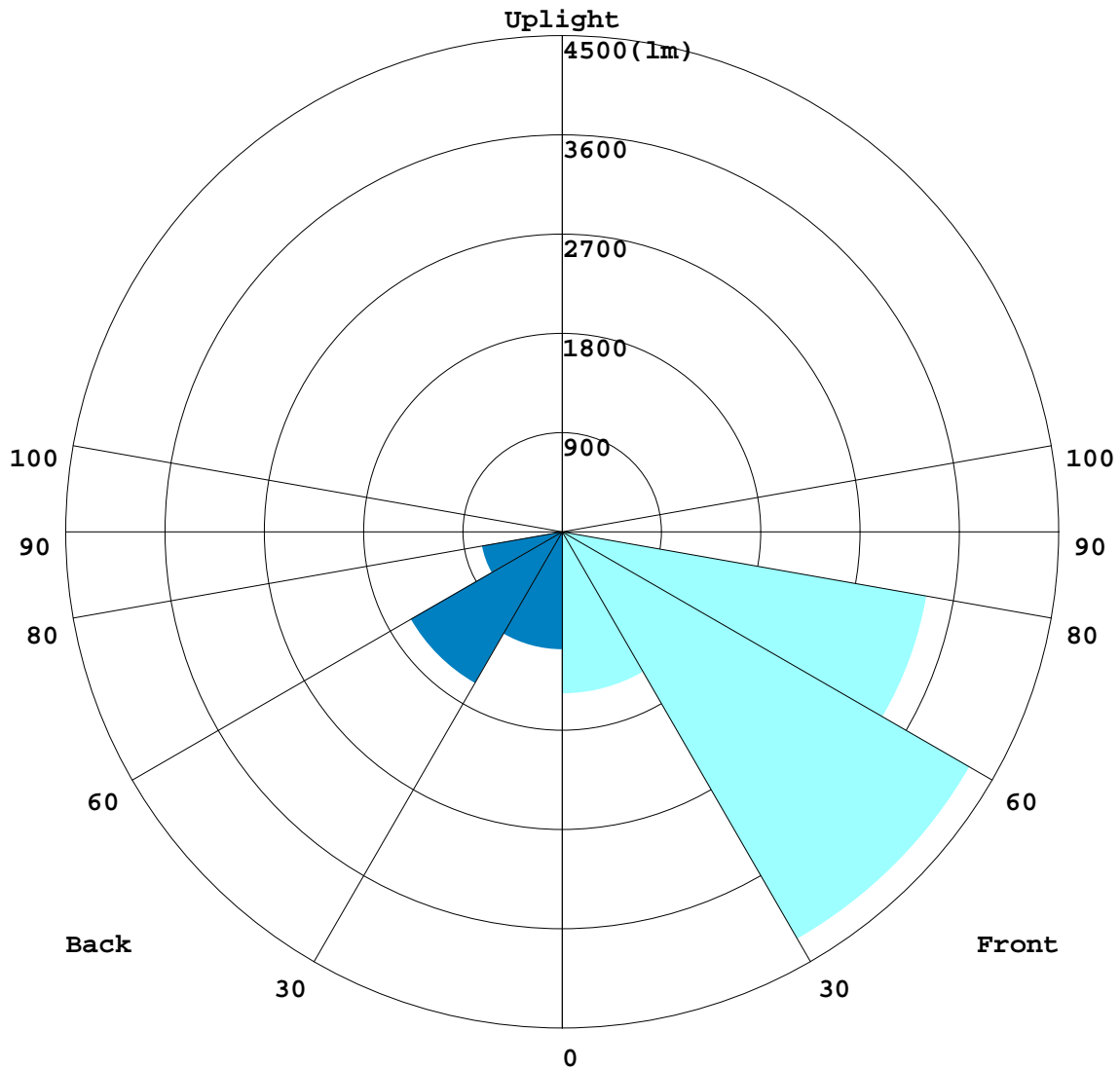
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2019-09-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 7.801m [K=1.0000]  
 Remarks:

LCS REPORT

Test:U:219.2V I:0.3518A P:75.12W PF:0.9742 Freq:49.99Hz Lamp Flux:12611.4x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-09-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.801m [K=1.0000]  
 Remarks:

**BUG REPORT**

Test:U:219.2V I:0.3518A P:75.12W PF:0.9742 Freq:49.99Hz Lamp Flux:12611.4x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

**IESNA Luminaire Flux Distribution Table:**

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1466.9	11.6
FM - Front-Medium(30-60)	4264.5	33.8
FH - Front-High(60-80)	3354.1	26.6
FVH - Front-Very High(80-90)	75.147	0.6
<b>Total Forward Light</b>	<b>9160.6</b>	<b>72.6</b>

BL - Back-Low(0-30)	1066.3	8.5
BM - Back-Medium(30-60)	1583.8	12.6
BH - Back-High(60-80)	736.9	5.8
BVH - Back-Very High(80-90)	63.844	0.5
<b>Total Back Light</b>	<b>3450.8</b>	<b>27.4</b>

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
<b>Total Up Light</b>	<b>0</b>	<b>0.0</b>

BUG(Back,Up,Glare) Rating	B3-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3450.8	0	3450.8
Street Side	9160.6	0	9160.6

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-09-02

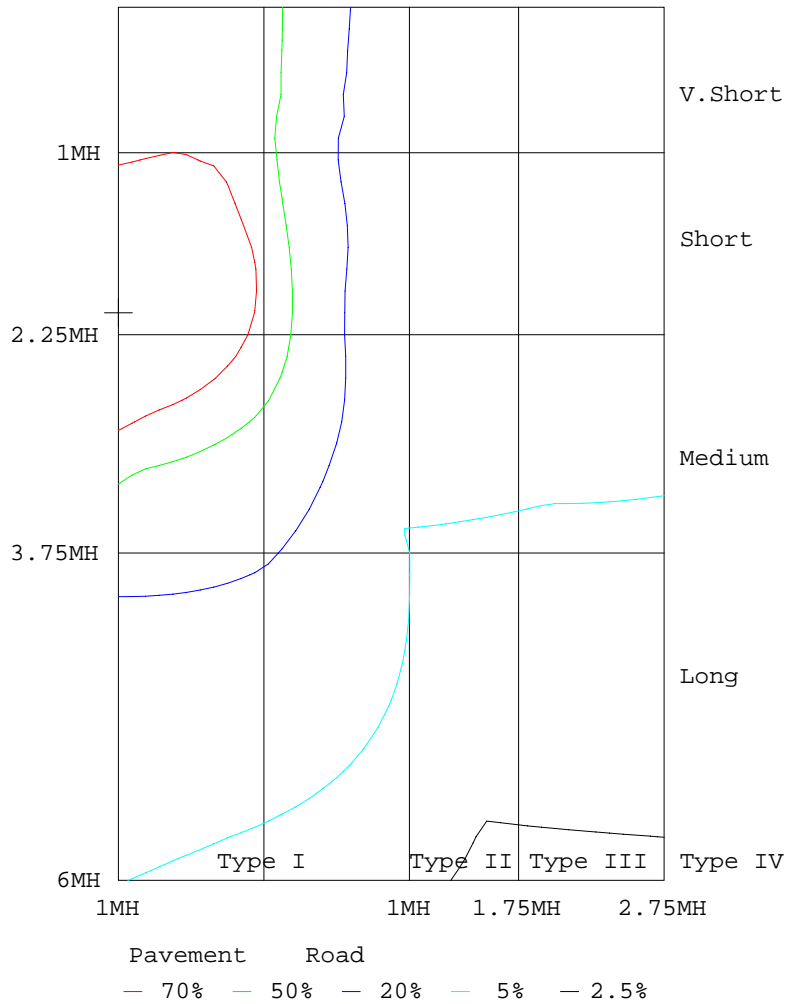
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.801m [K=1.0000]  
 Remarks:



ROAD ISOCANDELA REPORT

Test:U:219.2V I:0.3518A P:75.12W PF:0.9742 Freq:49.99Hz Lamp Flux:12611.4x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-09-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.801m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.2V I:0.3518A P:75.12W PF:0.9742 Freq:49.99Hz Lamp Flux:12611.4x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	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	3314	3314	3314	3314	3314	3314	3314	3314	3314	3314	3314	3314	3314	3314	3314	3314	3314	3314	3314
5	3317	3361	3397	3422	3437	3449	3450	3449	3437	3422	3397	3361	3317	3268	3219	3175	3142	3118	3113
10	3321	3405	3460	3492	3501	3510	3505	3510	3501	3492	3460	3405	3321	3215	3112	3005	2916	2848	2835
15	3318	3437	3501	3533	3536	3536	3524	3536	3536	3533	3501	3437	3318	3155	2981	2776	2602	2469	2441
20	3306	3462	3531	3560	3552	3529	3501	3529	3552	3560	3531	3462	3306	3083	2809	2475	2219	2062	2030
25	3285	3485	3562	3583	3527	3456	3402	3456	3527	3583	3562	3485	3285	2997	2589	2133	1868	1666	1618
30	3281	3525	3600	3593	3468	3355	3296	3355	3468	3593	3600	3525	3281	2894	2306	1813	1417	1256	1239
35	3347	3767	3891	3735	3500	3315	3225	3315	3500	3735	3891	3767	3347	2784	2018	1380	1097	1024	1011
40	3255	3722	3817	3725	3430	3201	3082	3201	3430	3725	3817	3722	3255	2522	1652	1020	900	861	857
45	3351	3942	3950	3634	3287	3098	3001	3098	3287	3634	3950	3942	3351	2278	1236	829	793	813	820
50	3509	4289	4284	3748	3330	3122	3071	3122	3330	3748	4284	4289	3509	2005	851	737	760	809	829
55	3762	4712	4735	4021	3466	3244	3235	3244	3466	4021	4735	4712	3762	1748	675	690	740	808	837
60	4034	5216	5273	4432	3723	3394	3340	3394	3723	4432	5273	5216	4034	1460	597	638	710	785	819
65	3999	5514	5948	5093	3950	3344	3120	3344	3950	5093	5948	5514	3999	1114	518	570	651	718	749
70	3018	4564	6282	5623	3295	2209	1860	2209	3295	5623	6282	4564	3018	678	428	485	562	616	642
75	1321	1970	4508	3950	1311	563	509	563	1311	3950	4508	1970	1321	297	319	377	444	486	509
80	286	416	839	489	336	344	311	344	336	489	839	416	286	155	185	238	298	335	355
85	41.7	69.5	108	105	154	151	134	151	154	105	108	69.5	41.7	48.0	75.2	110	153	180	194
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:  
 Test Date:2019-09-02

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.801m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.2V I:0.3518A P:75.12W PF:0.9742 Freq:49.99Hz Lamp Flux:12611.4x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	3314	3314	3314	3314	3314														
5	3118	3142	3175	3219	3268														
10	2848	2916	3005	3112	3215														
15	2469	2602	2776	2981	3155														
20	2062	2219	2475	2809	3083														
25	1666	1868	2133	2589	2997														
30	1256	1417	1813	2306	2894														
35	1024	1097	1380	2018	2784														
40	861	900	1020	1652	2522														
45	813	793	829	1236	2278														
50	809	760	737	851	2005														
55	808	740	690	675	1748														
60	785	710	638	597	1460														
65	718	651	570	518	1114														
70	616	562	485	428	678														
75	486	444	377	319	297														
80	335	298	238	185	155														
85	180	153	110	75.2	48.0														
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:  
 Test Date:2019-09-02

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.801m [K=1.0000]  
 Remarks: