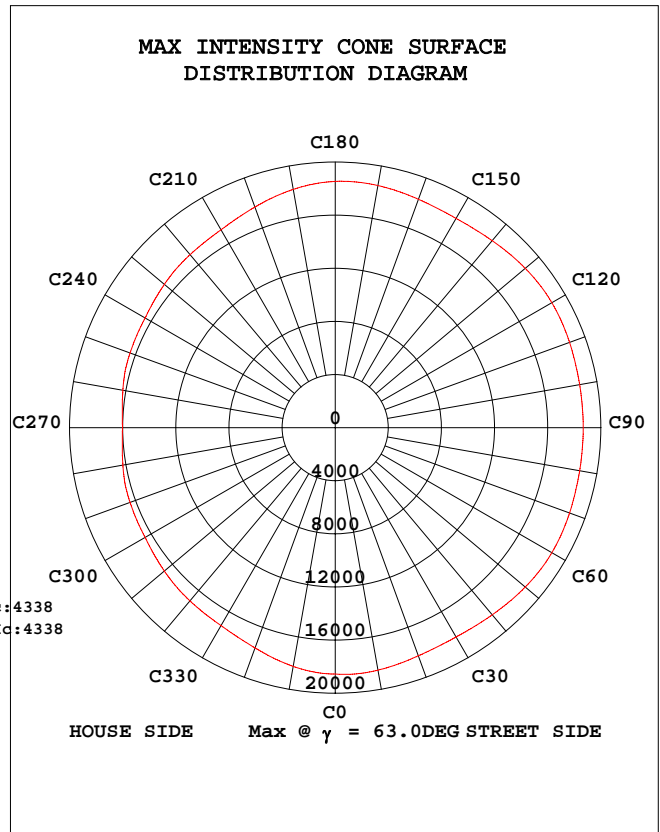
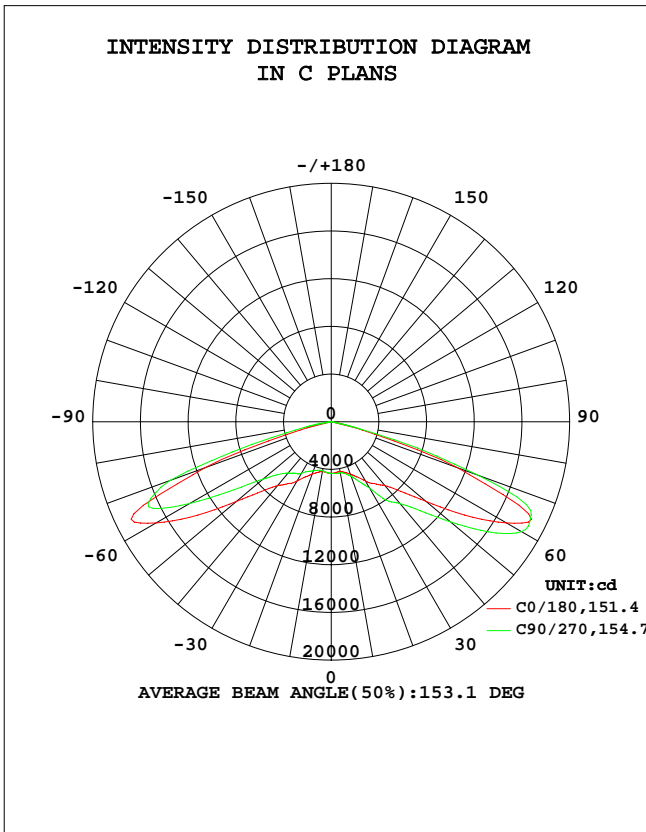


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:1.384A P:299.3W PF:0.9866 Freq:49.99Hz Lamp Flux:49509.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-300Wot-NV-L5-00-5070-T502-P	DIM.: 740*360*75mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 165.41 lm/W			
MODEL	5050	I _{max} (cd)	18834	η street_up(%)	0.0
NOMINAL POWER(W)	300	LOR(%)	100.0	η street_down(%)	53.4
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	49510	η house_up(%)	0.0
NOMINAL FLUX(lm)	49509.7	MAXIMUM @(C,γ)	60,63.0	η house_down(%)	46.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.450

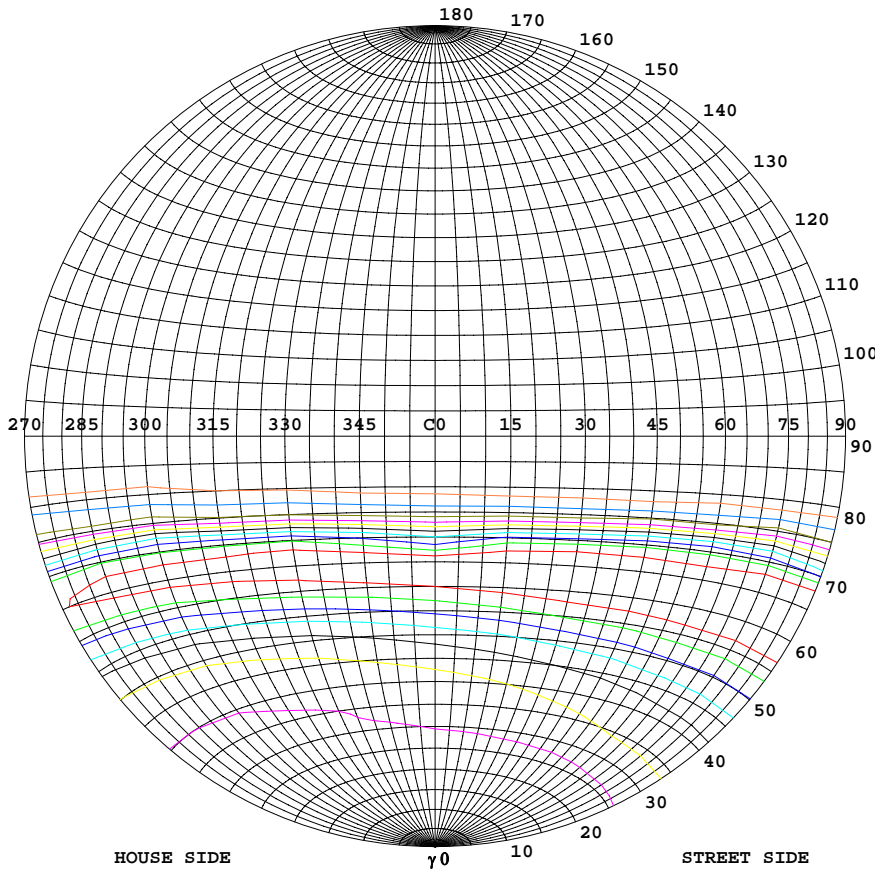


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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:1.384A P:299.3W PF:0.9866 Freq:49.99Hz Lamp Flux:49509.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-300Wot-NV-L5-00-5070-T502-P	DIM.: 740*360*75mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



Classification:

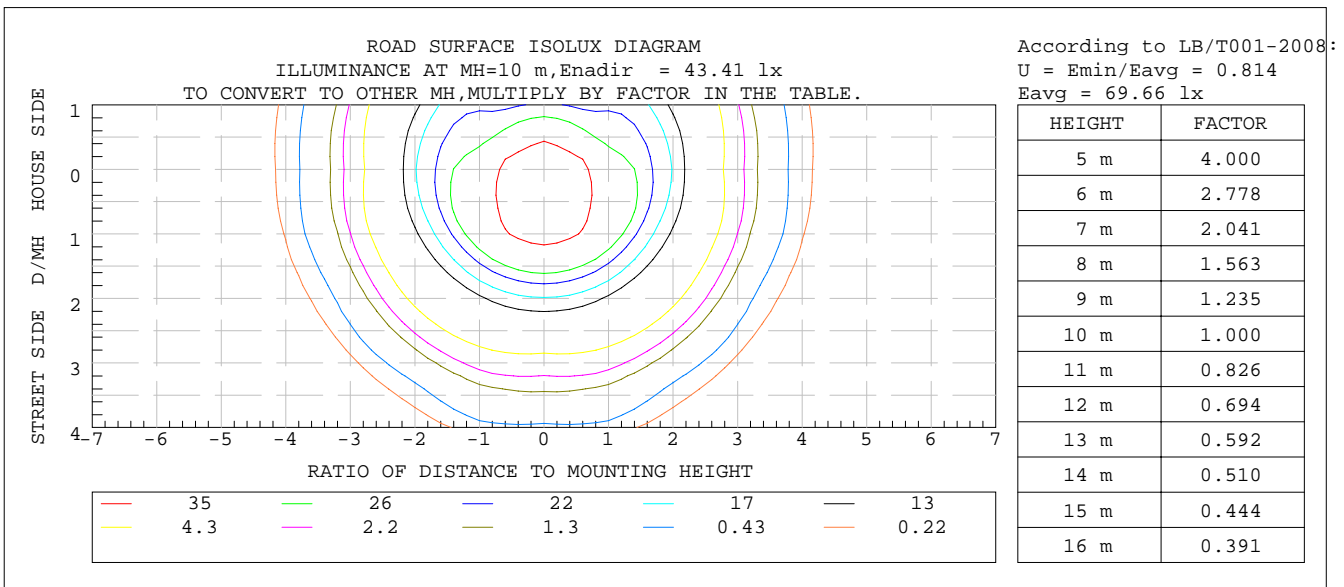
IES:Type V - Very Short
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Full cut-off
 Max.At80:28.66cd/klm
 Max.At90:0cd/klm
 Max.80-90:28.66cd/klm
 NRB 5101:Limited[4.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	18834
90%	16951
80%	15067
70%	13184
60%	11301
50%	9417
40%	7534
30%	5650
20%	3767
10%	1883
5%	942

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-09-23

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:

ZONAL FLUX DIAGRAM

Test:U:219.2V I:1.384A P:299.3W PF:0.9866 Freq:49.99Hz Lamp Flux:49509.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-300Wot-NV-L5-00-5070-T502-P	DIM.: 740*360*75mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

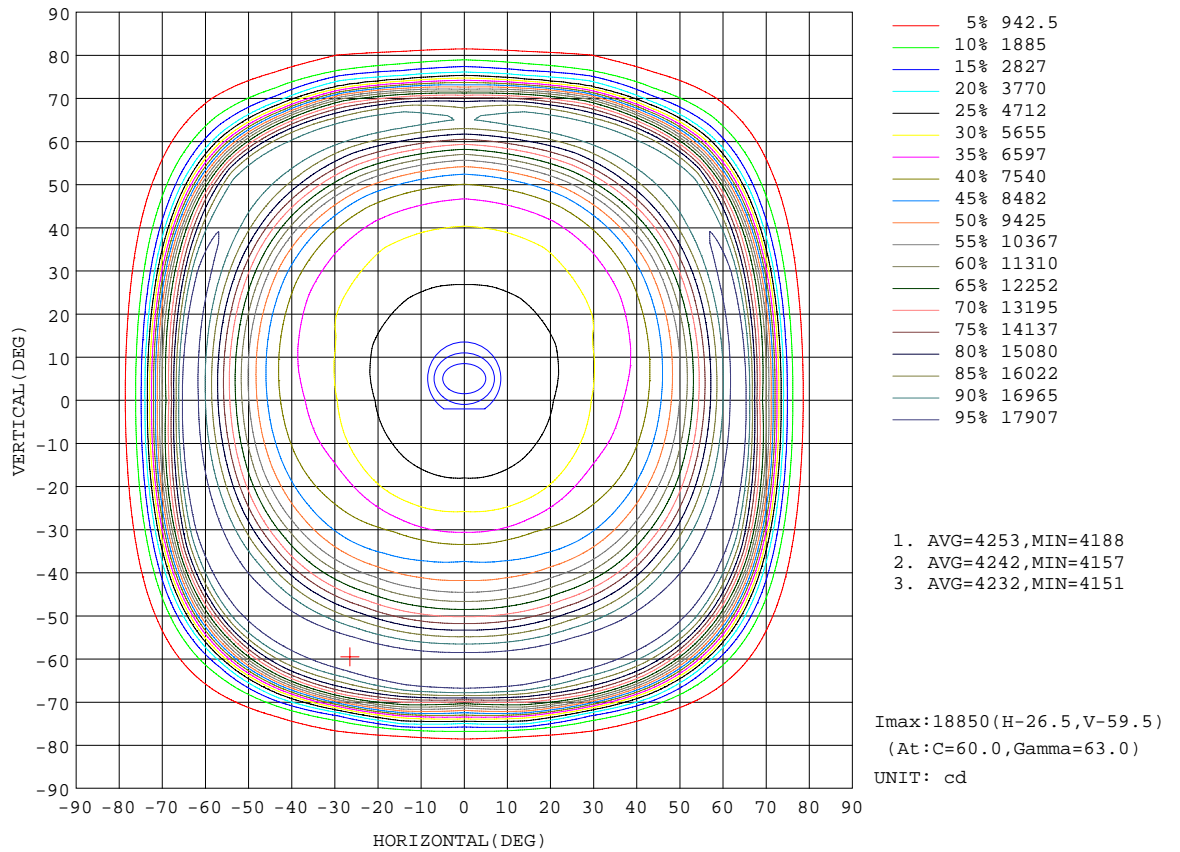
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	424.8	430.1	435.5	430.1	424.8	417.2	418.2	417.2	0- 10	408.3	408.3	0.82,0.82
20	466.4	477.6	487.9	477.6	466.4	438.4	437.9	438.4	10- 20	1247	1655	3.34,3.34
30	573.9	615.1	644.1	615.1	573.9	514.1	500.1	514.1	20- 30	2353	4008	8.1,8.1
40	698.3	817.2	898.4	817.2	698.3	591.7	562.2	591.7	30- 40	4051	8059	16.3,16.3
50	1042	1238	1308	1238	1042	838.0	751.4	838.0	40- 50	6589	14648	29.6,29.6
60	1698	1802	1843	1802	1698	1527	1373	1527	50- 60	12129	26777	54.1,54.1
70	1128	1449	1302	1449	1128	1475	1438	1475	60- 70	16891	43668	88.2,88.2
80	49.62	39.70	42.77	39.70	49.62	94.52	141.9	94.52	70- 80	5607	49275	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	234.9	49510	100,100
100	0	0	0	0	0	0	0	0	90-100	0	49510	100,100
110	0	0	0	0	0	0	0	0	100-110	0	49510	100,100
120	0	0	0	0	0	0	0	0	110-120	0	49510	100,100
130	0	0	0	0	0	0	0	0	120-130	0	49510	100,100
140	0	0	0	0	0	0	0	0	130-140	0	49510	100,100
150	0	0	0	0	0	0	0	0	140-150	0	49510	100,100
160	0	0	0	0	0	0	0	0	150-160	0	49510	100,100
170	0	0	0	0	0	0	0	0	160-170	0	49510	100,100
180	0	0	0	0	0	0	0	0	170-180	0	49510	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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

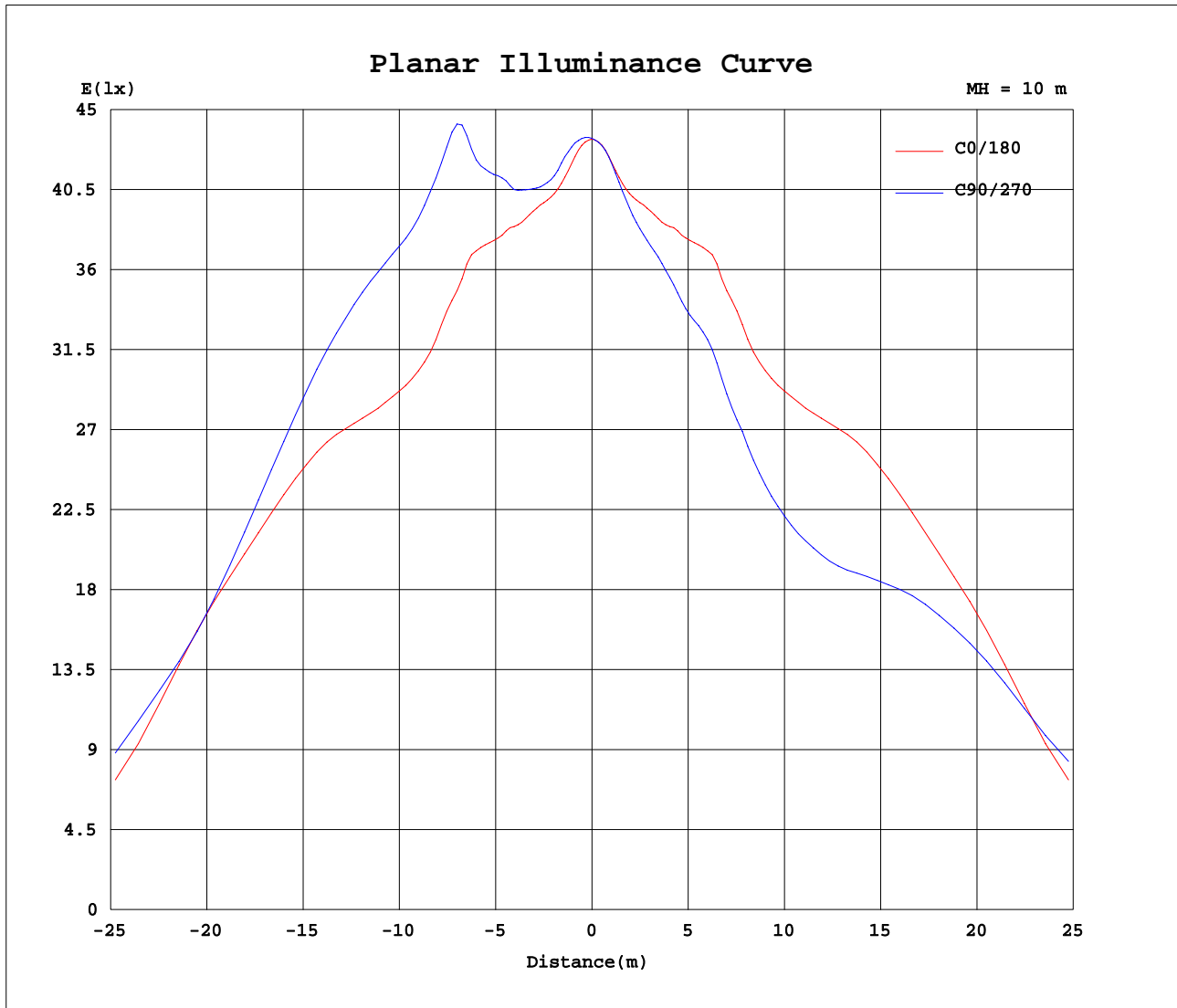
Test:U:219.2V I:1.384A P:299.3W PF:0.9866 Freq:49.99Hz Lamp Flux:49509.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-300Wot-NV-L5-00-5070-T502-P	DIM.: 740*360*75mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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



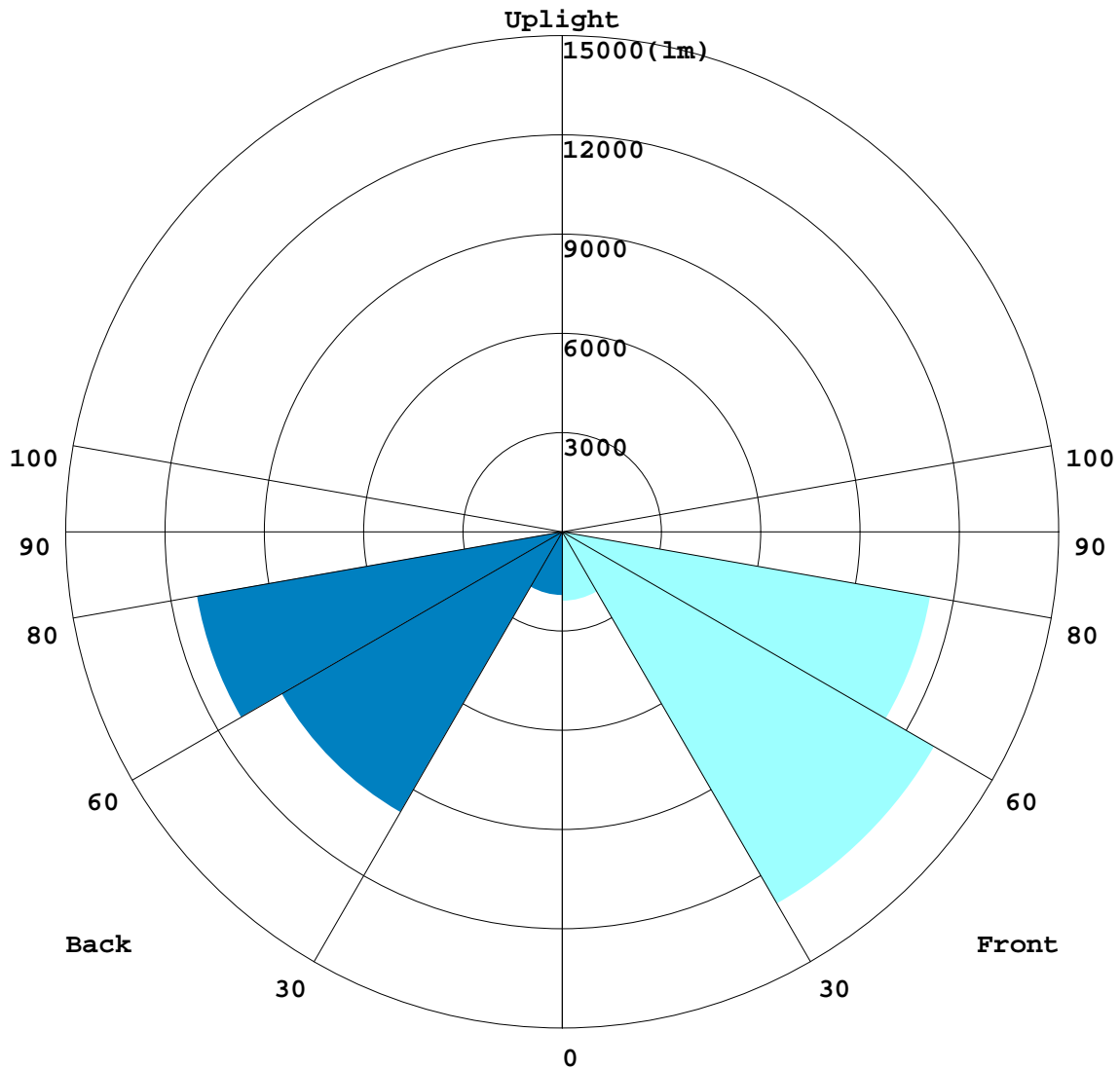
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-09-23

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:

LCS REPORT

Test:U:219.2V I:1.384A P:299.3W PF:0.9866 Freq:49.99Hz Lamp Flux:49509.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-300Wot-NV-L5-00-5070-T502-P	DIM.: 740*360*75mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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:

BUG REPORT

Test:U:219.2V I:1.384A P:299.3W PF:0.9866 Freq:49.99Hz Lamp Flux:49509.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-300Wot-NV-L5-00-5070-T502-P	DIM.: 740*360*75mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2093.2	4.2
FM - Front-Medium(30-60)	12983	26.2
FH - Front-High(60-80)	11296	22.8
FVH - Front-Very High(80-90)	67.51	0.1
Total Forward Light	26439	53.4

BL - Back-Low(0-30)	1915.1	3.9
BM - Back-Medium(30-60)	9786.5	19.8
BH - Back-High(60-80)	11202	22.6
BVH - Back-Very High(80-90)	167.35	0.3
Total Back Light	23071	46.6

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	B5-U0-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	23071	0	23071
Street Side	26439	0	26439

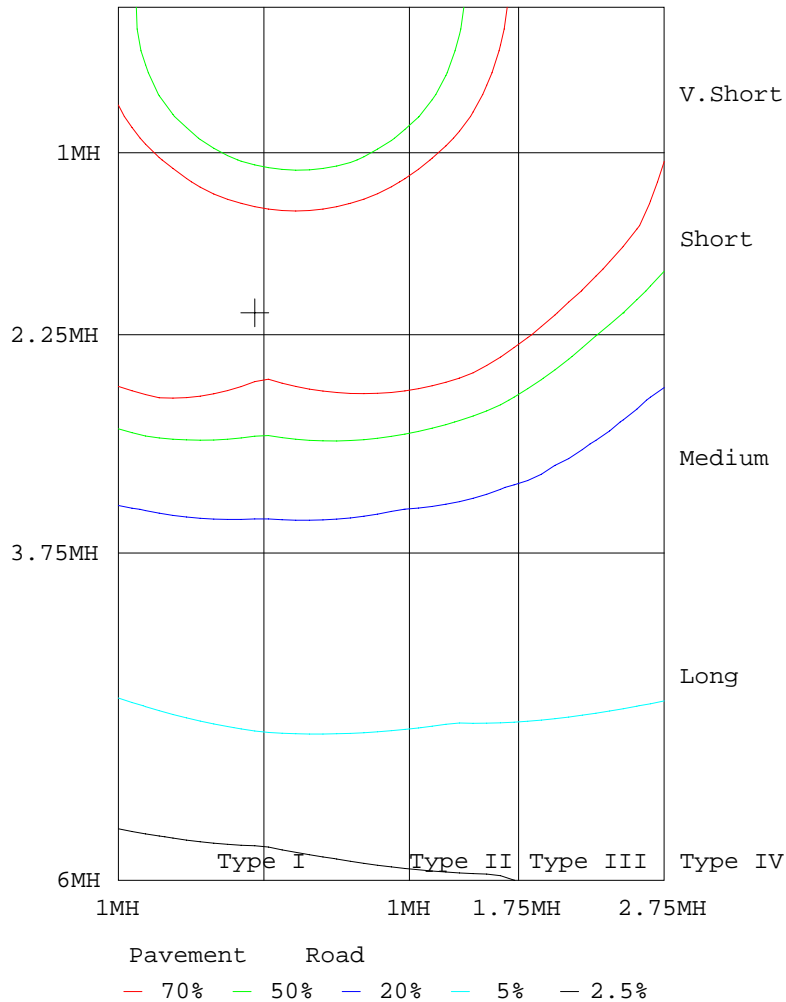
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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:1.384A P:299.3W PF:0.9866 Freq:49.99Hz Lamp Flux:49509.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-300Wot-NV-L5-00-5070-T502-P	DIM.: 740*360*75mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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:1.384A P:299.3W PF:0.9866 Freq:49.99Hz Lamp Flux:49509.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-300Wot-NV-L5-00-5070-T502-P	DIM.: 740*360*75mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	434	434	434	434	434	434	434	434	434	434	434	434	434	434	434	434	434	434	434
5	429	431	432	433	433	435	436	435	433	433	432	431	429	428	428	427	427	427	428
10	425	427	429	430	432	434	435	434	432	430	429	427	425	421	419	417	416	417	418
15	440	442	444	445	447	449	451	449	447	445	444	442	440	432	426	422	419	421	421
20	466	471	475	478	481	484	488	484	481	478	475	471	466	453	443	438	434	437	438
25	510	516	522	527	536	545	553	545	536	527	522	516	510	490	474	466	458	458	460
30	574	585	603	615	631	636	644	636	631	615	603	585	574	547	527	514	502	499	500
35	634	664	699	732	767	792	804	792	767	732	699	664	634	596	566	546	530	527	528
40	698	737	779	817	858	886	898	886	858	817	779	737	698	657	617	592	572	566	562
45	826	878	935	982	1032	1049	1056	1049	1032	982	935	878	826	769	716	679	650	638	626
50	1042	1104	1185	1238	1291	1300	1308	1300	1291	1238	1185	1104	1042	962	890	838	791	771	751
55	1365	1437	1521	1558	1598	1602	1611	1602	1598	1558	1521	1437	1365	1286	1204	1142	1073	1036	993
60	1698	1743	1780	1802	1835	1836	1843	1836	1835	1802	1780	1743	1698	1638	1585	1527	1446	1419	1373
65	1828	1842	1818	1825	1838	1845	1851	1845	1838	1825	1818	1842	1828	1827	1754	1744	1758	1732	1689
70	1128	1341	1378	1449	1453	1423	1302	1423	1453	1449	1378	1341	1128	1301	1491	1475	1491	1487	1438
75	272	305	280	353	327	451	374	451	327	353	280	305	272	304	365	388	482	463	513
80	49.6	46.8	42.6	39.7	41.4	41.6	42.8	41.6	41.4	39.7	42.6	46.8	49.6	61.5	85.9	94.5	119	124	142
85	6.52	8.63	10.7	9.08	11.0	9.57	8.33	9.57	11.0	9.08	10.7	8.63	6.52	9.40	25.0	17.4	37.8	29.7	31.7
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:2019-09-23

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:1.384A P:299.3W PF:0.9866 Freq:49.99Hz Lamp Flux:49509.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-300WOT-NV-L5-00-5070-T502-P	DIM.: 740*360*75mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	434	434	434	434	434														
5	427	427	427	428	428														
10	417	416	417	419	421														
15	421	419	422	426	432														
20	437	434	438	443	453														
25	458	458	466	474	490														
30	499	502	514	527	547														
35	527	530	546	566	596														
40	566	572	592	617	657														
45	638	650	679	716	769														
50	771	791	838	890	962														
55	1036	1073	1142	1204	1286														
60	1419	1446	1527	1585	1638														
65	1732	1758	1744	1754	1827														
70	1487	1491	1475	1491	1301														
75	463	482	388	365	304														
80	124	119	94.5	85.9	61.5														
85	29.7	37.8	17.4	25.0	9.40														
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:2019-09-23

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: