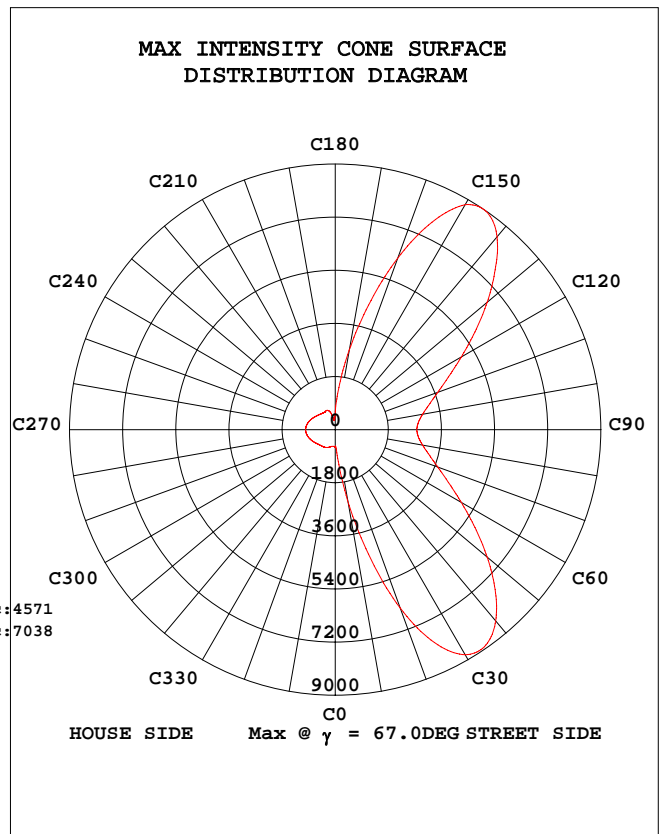
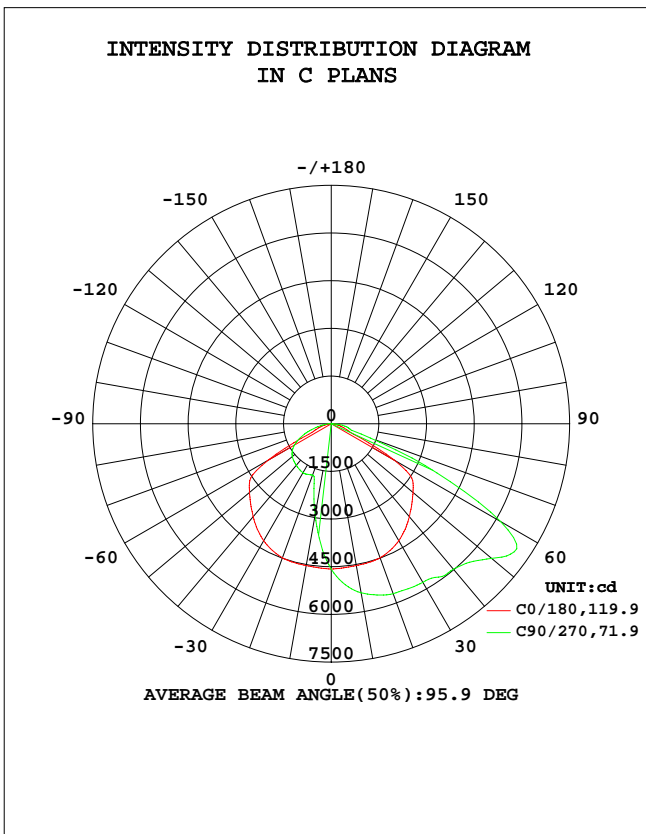


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.5317A P:113.6W PF:0.9742 Freq:49.99Hz Lamp Flux:16370.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L3-00-5070-T401-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 144.15 lm/W			
MODEL	3030	I _{max} (cd)	8805	η street_up(%)	0.0
NOMINAL POWER(W)	115	LOR(%)	100.0	η street_down(%)	77.3
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	16370	η house_up(%)	0.0
NOMINAL FLUX(lm)	16370.1	MAXIMUM @(C,γ)	150,67.0	η house_down(%)	22.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.039

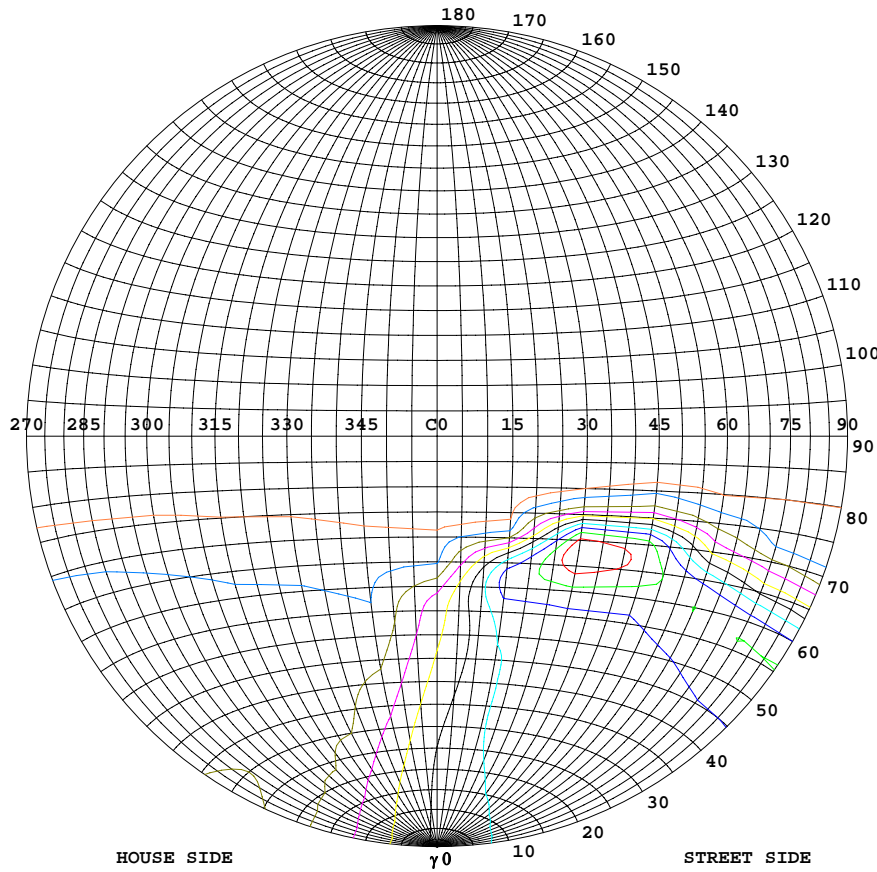


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-25

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:0.5317A P:113.6W PF:0.9742 Freq:49.99Hz Lamp Flux:16370.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T401-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

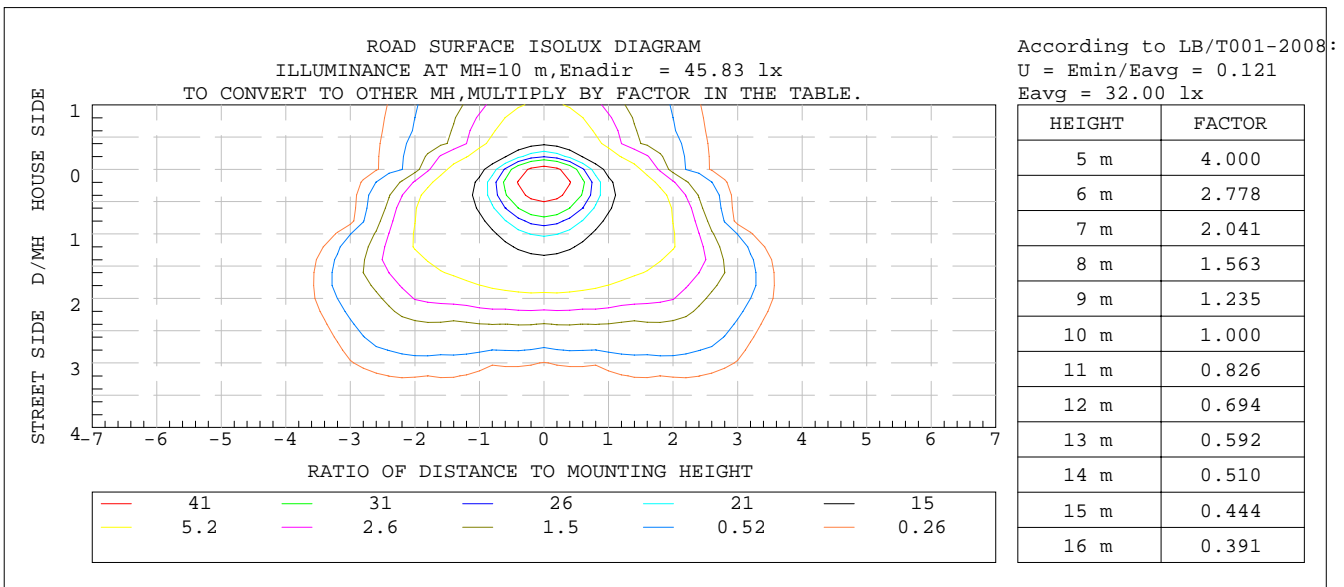
IES:Type III - Short
 CIE:Average - Intermediate
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:45.66cd/klm
 Max.At90:0cd/klm
 Max.80-90:45.66cd/klm
 NRB 5101:Limited[8.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	8805
90%	7925
80%	7044
70%	6164
60%	5283
50%	4403
40%	3522
30%	2642
20%	1761
10%	881
5%	440

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-25

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: 2019-10-25

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:0.5317A P:113.6W PF:0.9742 Freq:49.99Hz Lamp Flux:16370.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L3-00-5070-T401-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

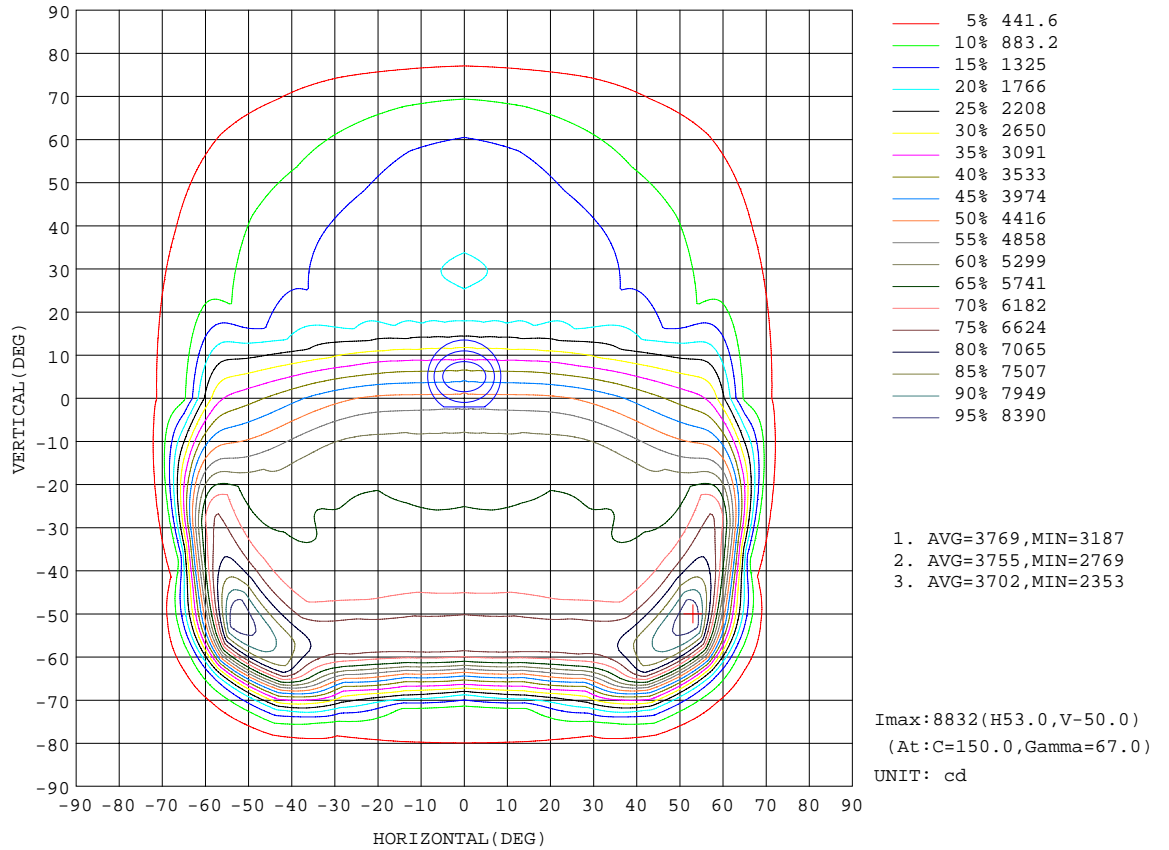
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	4531	5224	5399	5224	4531	3389	2925	3389	0- 10	423.1	423.1	2.58,2.58
20	4489	5551	5689	5551	4489	2113	1721	2113	10- 20	1167	1590	9.71,9.71
30	4249	5741	5760	5741	4249	1591	1781	1591	20- 30	1797	3387	20.7,20.7
40	3822	5841	5976	5841	3822	1525	1710	1525	30- 40	2362	5749	35.1,35.1
50	3358	5823	6590	5823	3358	1300	1599	1300	40- 50	2831	8579	52.4,52.4
60	2275	6596	6153	6596	2275	967.7	1341	967.7	50- 60	3322	11902	72.7,72.7
70	486.1	7376	1311	7376	486.1	628.0	844.2	628.0	60- 70	3148	15050	91.9,91.9
80	176.6	747.4	437.2	747.4	176.6	262.6	305.7	262.6	70- 80	1176	16226	99.1,99.1
90	0	0	0	0	0	0	0	0	80- 90	143.8	16370	100,100
100	0	0	0	0	0	0	0	0	90-100	0	16370	100,100
110	0	0	0	0	0	0	0	0	100-110	0	16370	100,100
120	0	0	0	0	0	0	0	0	110-120	0	16370	100,100
130	0	0	0	0	0	0	0	0	120-130	0	16370	100,100
140	0	0	0	0	0	0	0	0	130-140	0	16370	100,100
150	0	0	0	0	0	0	0	0	140-150	0	16370	100,100
160	0	0	0	0	0	0	0	0	150-160	0	16370	100,100
170	0	0	0	0	0	0	0	0	160-170	0	16370	100,100
180	0	0	0	0	0	0	0	0	170-180	0	16370	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:2019-10-25

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

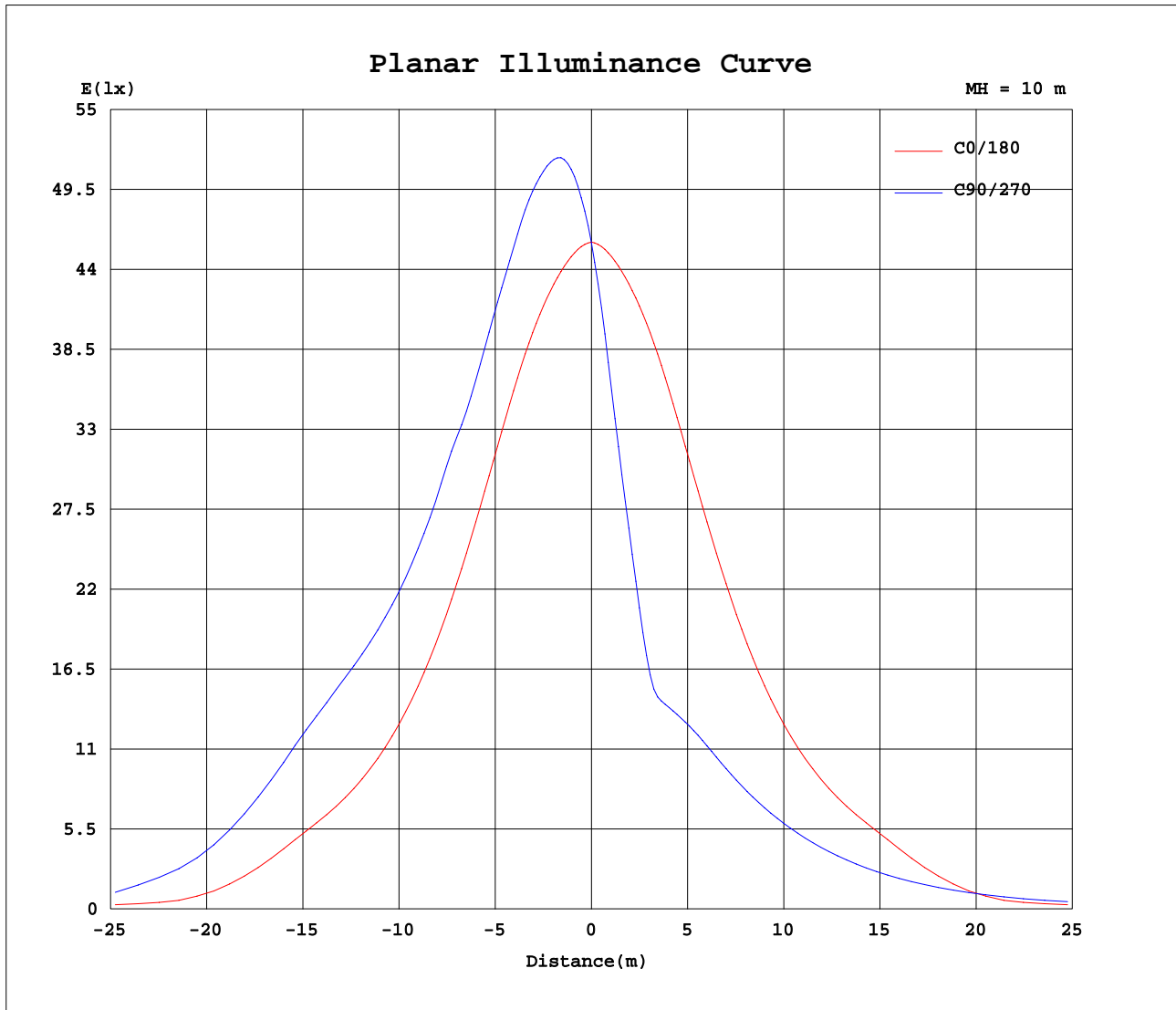
Test:U:219.2V I:0.5317A P:113.6W PF:0.9742 Freq:49.99Hz Lamp Flux:16370.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T401-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-25

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



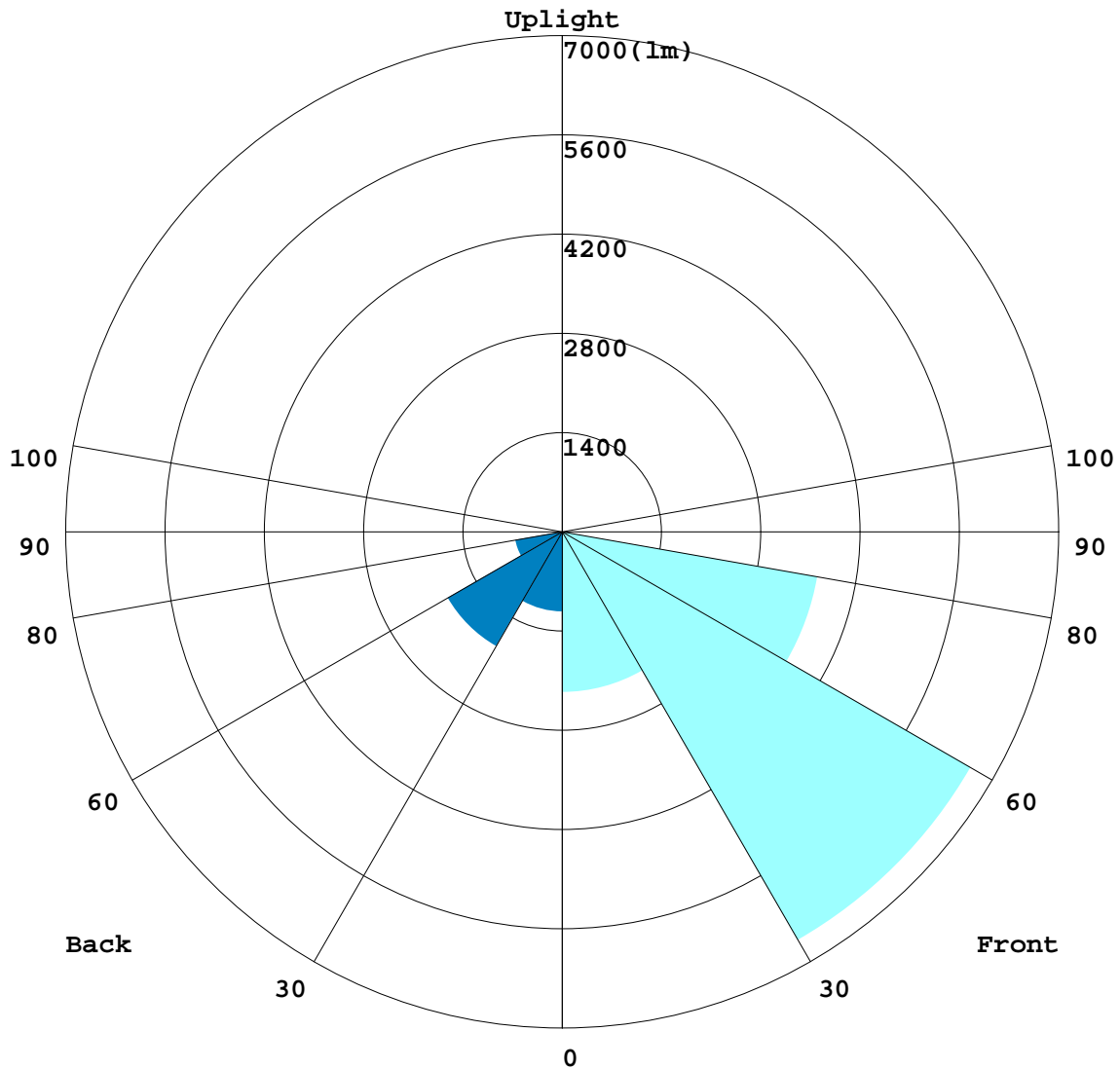
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-10-25

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:0.5317A P:113.6W PF:0.9742 Freq:49.99Hz Lamp Flux:16370.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L3-00-5070-T401-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:2019-10-25

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:0.5317A P:113.6W PF:0.9742 Freq:49.99Hz Lamp Flux:16370.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T401-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)	2261.4	13.8
FM - Front-Medium(30-60)	6650.4	40.6
FH - Front-High(60-80)	3654.2	22.3
FVH - Front-Very High(80-90)	86.335	0.5
Total Forward Light	12652	77.3

BL - Back-Low(0-30)	1125.7	6.9
BM - Back-Medium(30-60)	1864.2	11.4
BH - Back-High(60-80)	670.4	4.1
BVH - Back-Very High(80-90)	57.457	0.4
Total Back Light	3717.7	22.7

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	3717.7	0	3717.7
Street Side	12652	0	12652

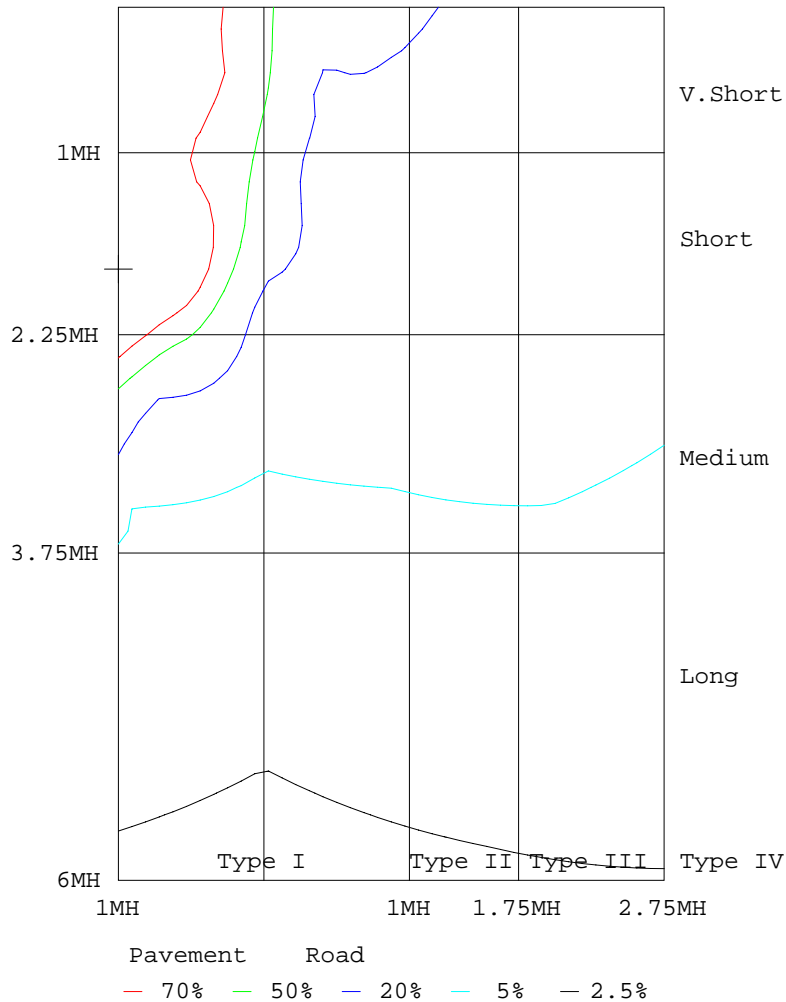
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-25

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:0.5317A P:113.6W PF:0.9742 Freq:49.99Hz Lamp Flux:16370.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T401-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:2019-10-25

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:0.5317A P:113.6W PF:0.9742 Freq:49.99Hz Lamp Flux:16370.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L3-00-5070-T401-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	4571	4571	4571	4571	4571	4571	4571	4571	4571	4571	4571	4571	4571	4571	4571	4571	4571	4571	4571
5	4549	4704	4836	4943	5014	5068	5085	5068	5014	4943	4836	4704	4549	4367	4188	4017	3896	3806	3795
10	4531	4828	5060	5224	5313	5384	5399	5384	5313	5224	5060	4828	4531	4153	3754	3389	3130	2959	2925
15	4523	4956	5252	5418	5491	5559	5576	5559	5491	5418	5252	4956	4523	3915	3292	2763	2387	2151	2106
20	4489	5088	5415	5551	5613	5675	5689	5675	5613	5551	5415	5088	4489	3622	2797	2113	1758	1716	1721
25	4394	5180	5537	5662	5688	5722	5727	5722	5688	5662	5537	5180	4394	3268	2263	1651	1681	1745	1760
30	4249	5221	5611	5741	5736	5757	5760	5757	5736	5741	5611	5221	4249	2878	1765	1591	1694	1765	1781
35	4055	5223	5635	5785	5760	5840	5889	5840	5760	5785	5635	5223	4055	2461	1466	1569	1678	1738	1753
40	3822	5212	5654	5841	5876	5953	5976	5953	5876	5841	5654	5212	3822	2026	1372	1525	1618	1685	1710
45	3583	5211	5662	5779	5926	6131	6162	6131	5926	5779	5662	5211	3583	1610	1297	1436	1518	1619	1663
50	3358	5323	5706	5823	6101	6484	6590	6484	6101	5823	5706	5323	3358	1192	1202	1300	1386	1532	1599
55	3131	5698	5980	6012	6579	6971	7025	6971	6579	6012	5980	5698	3131	939	1077	1133	1246	1421	1497
60	2275	6490	6770	6596	7024	6536	6153	6536	7024	6596	6770	6490	2275	799	920	968	1100	1267	1341
65	787	5626	8427	7571	5892	4251	3668	4251	5892	7571	8427	5626	787	657	761	807	922	1047	1108
70	486	1771	8081	7376	3352	1943	1311	1943	3352	7376	8081	1771	486	509	594	628	714	805	844
75	319	370	3236	3423	1378	595	592	595	1378	3423	3236	370	319	364	428	448	515	535	549
80	177	216	439	747	430	440	437	440	430	747	439	216	177	216	260	263	283	291	306
85	40.4	63.9	94.7	165	214	210	212	210	214	165	94.7	63.9	40.4	58.5	83.9	97.9	118	131	139
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:2019-10-25

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:0.5317A P:113.6W PF:0.9742 Freq:49.99Hz Lamp Flux:16370.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T401-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	4571	4571	4571	4571	4571														
5	3806	3896	4017	4188	4367														
10	2959	3130	3389	3754	4153														
15	2151	2387	2763	3292	3915														
20	1716	1758	2113	2797	3622														
25	1745	1681	1651	2263	3268														
30	1765	1694	1591	1765	2878														
35	1738	1678	1569	1466	2461														
40	1685	1618	1525	1372	2026														
45	1619	1518	1436	1297	1610														
50	1532	1386	1300	1202	1192														
55	1421	1246	1133	1077	939														
60	1267	1100	968	920	799														
65	1047	922	807	761	657														
70	805	714	628	594	509														
75	535	515	448	428	364														
80	291	283	263	260	216														
85	131	118	97.9	83.9	58.5														
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:2019-10-25

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: