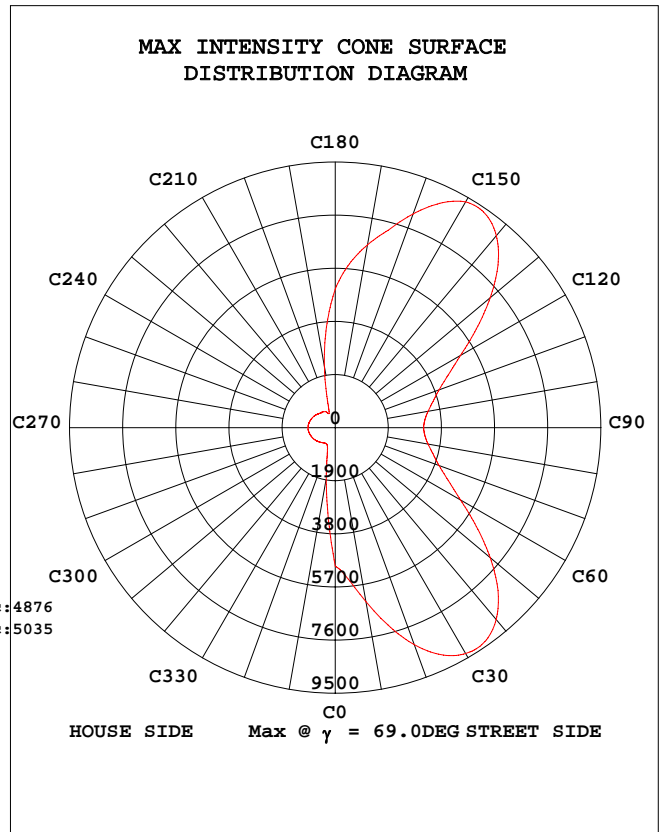
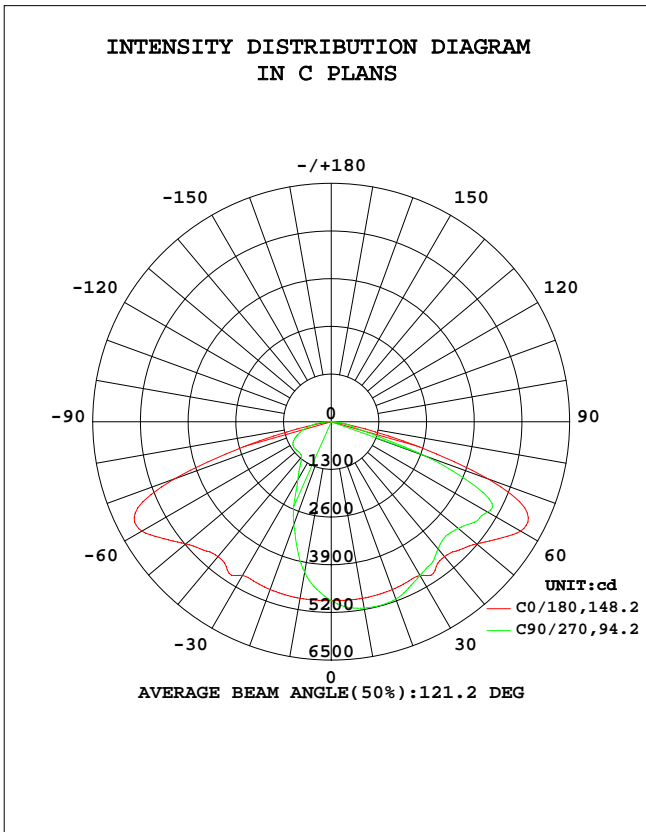


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.5306A P:113.2W PF:0.9731 Freq:49.99Hz Lamp Flux:18620.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-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: 164.55 lm/W			
MODEL	5050	I _{max} (cd)	9326	η street_up(%)	0.0
NOMINAL POWER(W)	115	LOR(%)	100.0	η street_down(%)	72.6
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	18621	η house_up(%)	0.0
NOMINAL FLUX(lm)	18620.6	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	20.445

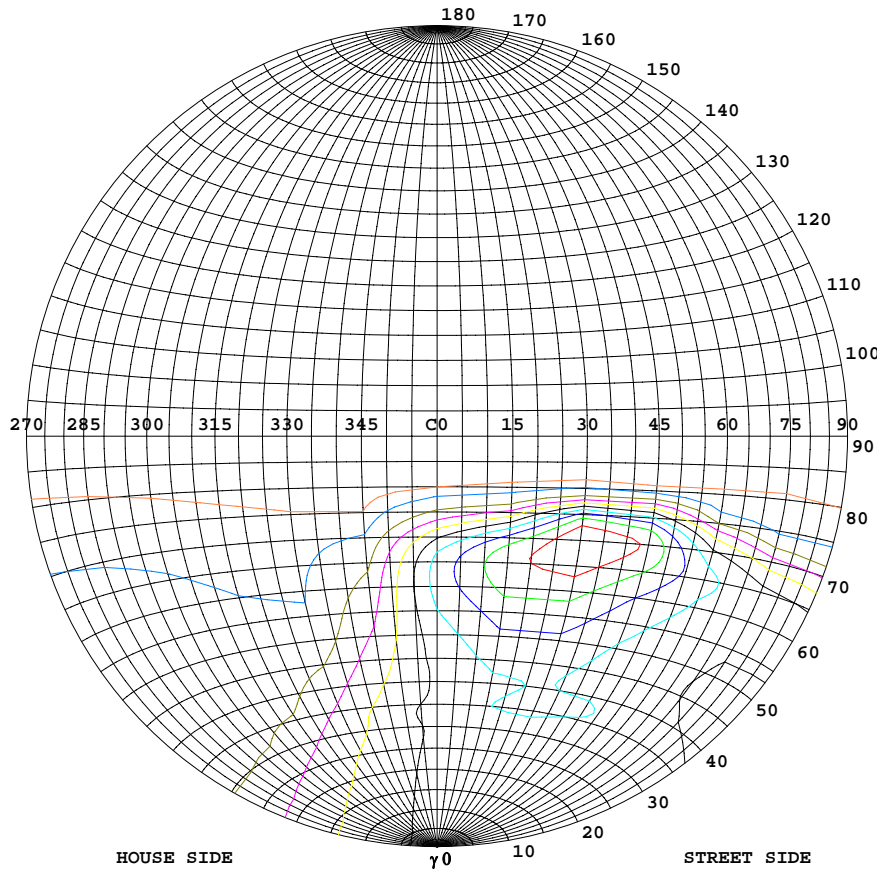


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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:0.5306A P:113.2W PF:0.9731 Freq:49.99Hz Lamp Flux:18620.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

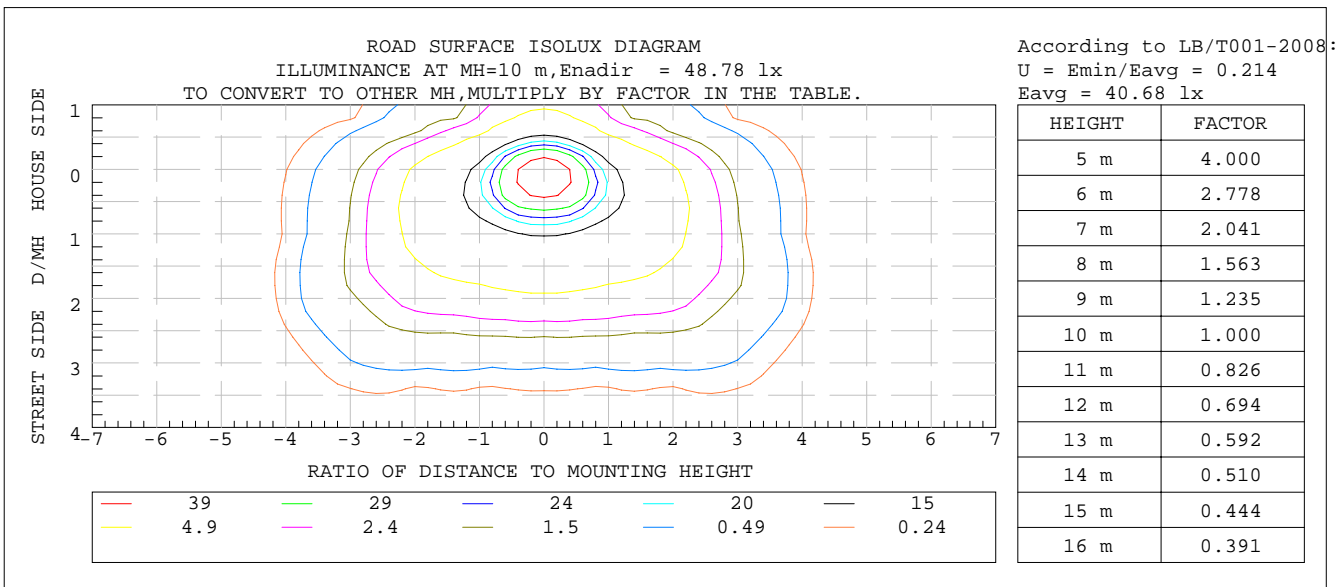
IES:Type IV - Medium
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:54.29cd/klm
 Max.At90:0cd/klm
 Max.80-90:54.29cd/klm
 NRB 5101:Limited[2.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	9326
90%	8394
80%	7461
70%	6528
60%	5596
50%	4663
40%	3731
30%	2798
20%	1865
10%	933
5%	466

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:

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

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:0.5306A P:113.2W PF:0.9731 Freq:49.99Hz Lamp Flux:18620.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

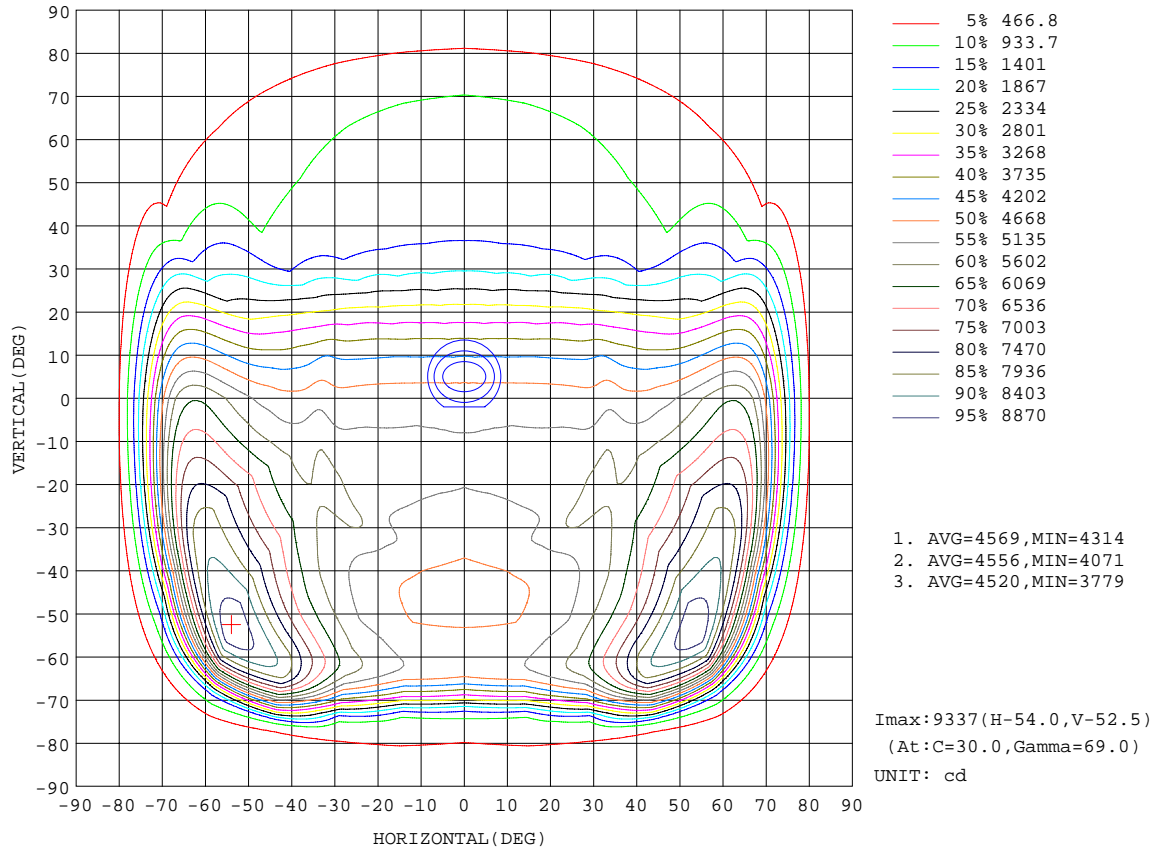
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	4888	5138	5157	5138	4888	4425	4170	4425	0- 10	461.0	461.0	2.48,2.48
20	4870	5238	5146	5238	4870	3642	2986	3642	10- 20	1308	1769	9.5,9.5
30	4840	5289	4843	5289	4840	2670	1826	2670	20- 30	1959	3728	20,20
40	4801	5493	4529	5493	4801	1505	1264	1505	30- 40	2443	6171	33.1,33.1
50	5184	5525	4523	5525	5184	1089	1222	1089	40- 50	2791	8962	48.1,48.1
60	5963	6544	4921	6544	5963	941.2	1208	941.2	50- 60	3396	12359	66.4,66.4
70	4538	8264	2699	8264	4538	715.5	944.6	715.5	60- 70	3959	16317	87.6,87.6
80	459.7	704.1	460.5	704.1	459.7	365.1	520.1	365.1	70- 80	2096	18413	98.9,98.9
90	0	0	0	0	0	0	0	0	80- 90	207.3	18621	100,100
100	0	0	0	0	0	0	0	0	90-100	0	18621	100,100
110	0	0	0	0	0	0	0	0	100-110	0	18621	100,100
120	0	0	0	0	0	0	0	0	110-120	0	18621	100,100
130	0	0	0	0	0	0	0	0	120-130	0	18621	100,100
140	0	0	0	0	0	0	0	0	130-140	0	18621	100,100
150	0	0	0	0	0	0	0	0	140-150	0	18621	100,100
160	0	0	0	0	0	0	0	0	150-160	0	18621	100,100
170	0	0	0	0	0	0	0	0	160-170	0	18621	100,100
180	0	0	0	0	0	0	0	0	170-180	0	18621	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

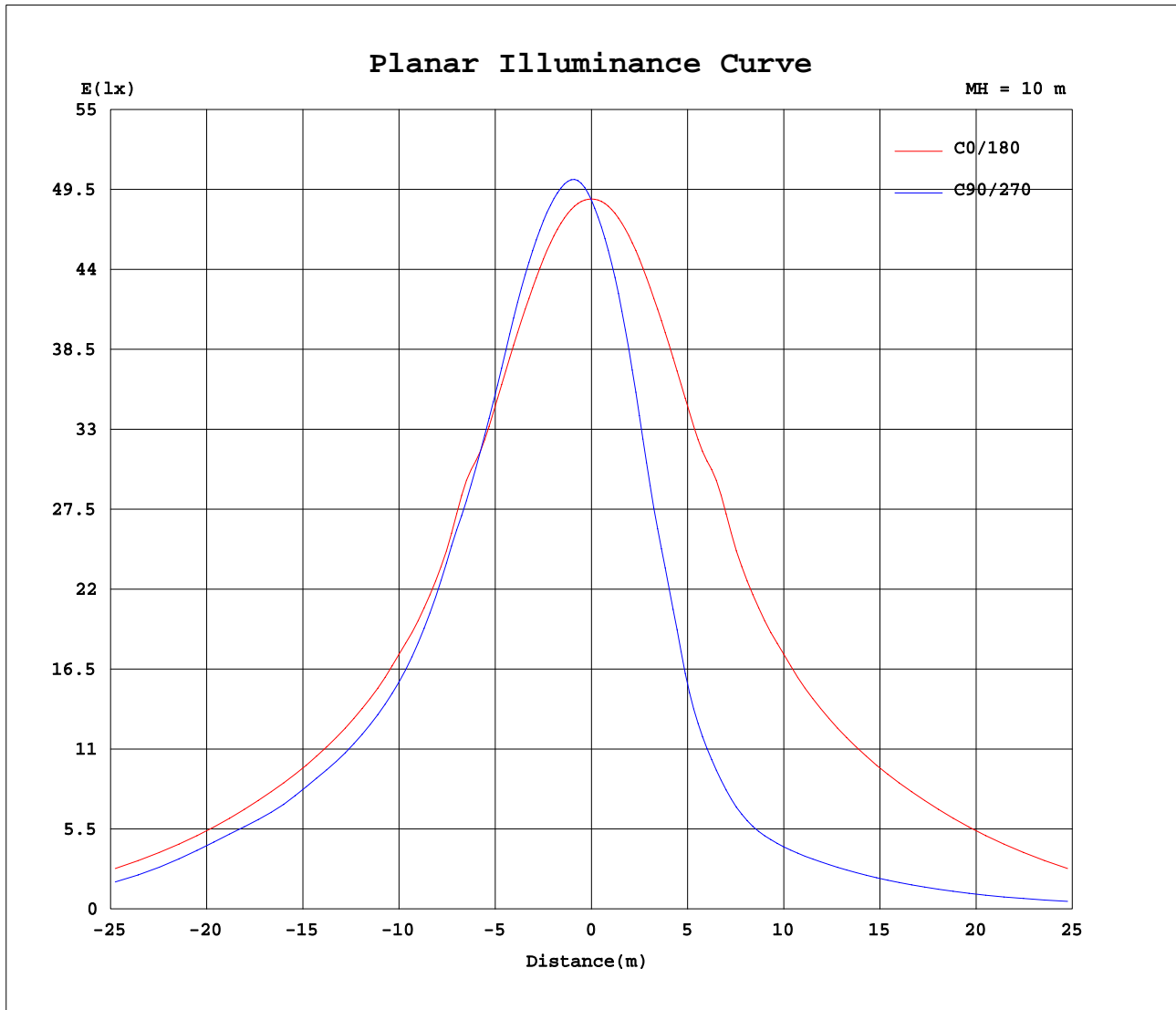
Test:U:219.2V I:0.5306A P:113.2W PF:0.9731 Freq:49.99Hz Lamp Flux:18620.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



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



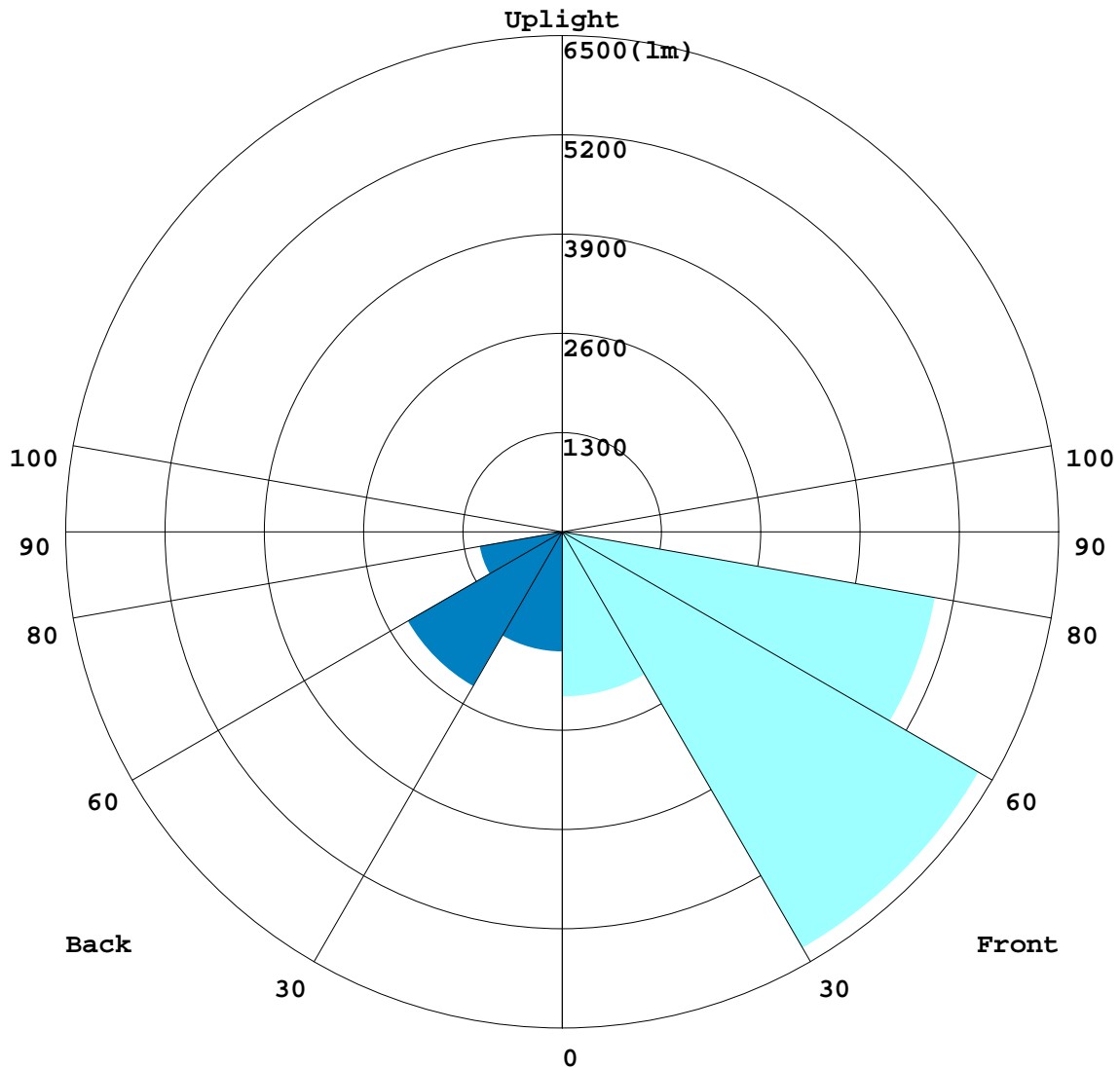
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-09-02

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:0.5306A P:113.2W PF:0.9731 Freq:49.99Hz Lamp Flux:18620.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-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

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:0.5306A P:113.2W PF:0.9731 Freq:49.99Hz Lamp Flux:18620.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-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)	2159.5	11.6
FM - Front-Medium(30-60)	6295.2	33.8
FH - Front-High(60-80)	4957.9	26.6
FVH - Front-Very High(80-90)	109.48	0.6
Total Forward Light	13522	72.6

BL - Back-Low(0-30)	1568.4	8.4
BM - Back-Medium(30-60)	2335.5	12.5
BH - Back-High(60-80)	1096.8	5.9
BVH - Back-Very High(80-90)	97.847	0.5
Total Back Light	5098.5	27.4

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-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5098.5	0	5098.5
Street Side	13522	0	13522

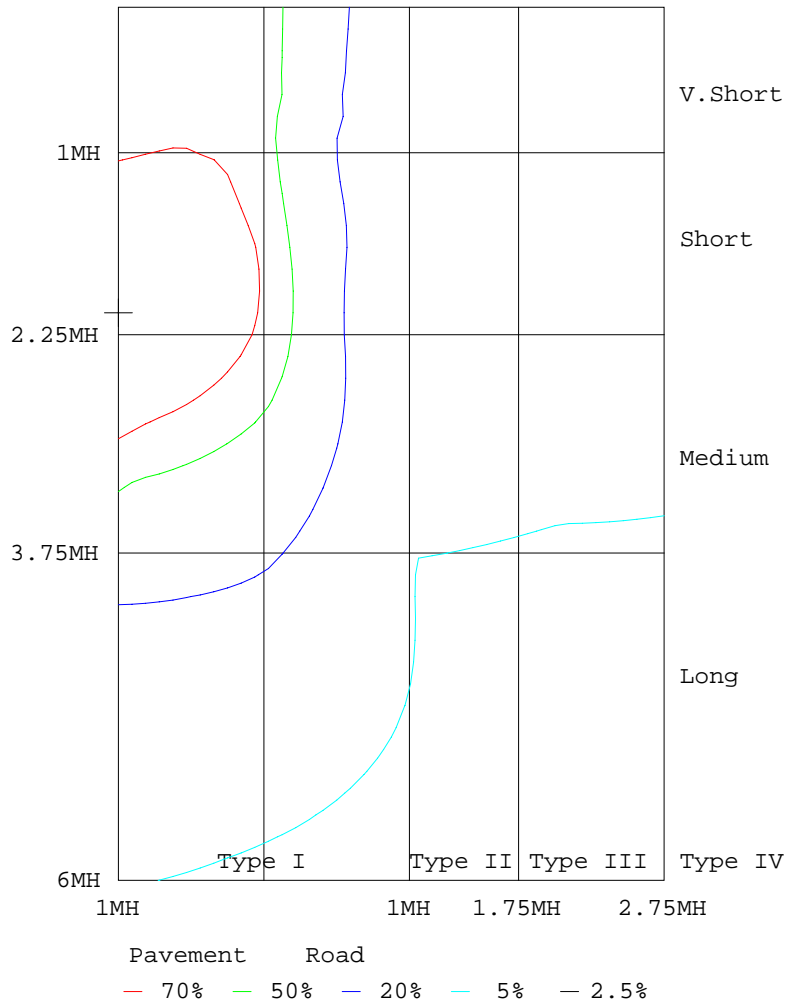
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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:0.5306A P:113.2W PF:0.9731 Freq:49.99Hz Lamp Flux:18620.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-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

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:0.5306A P:113.2W PF:0.9731 Freq:49.99Hz Lamp Flux:18620.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-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	4876	4876	4876	4876	4876	4876	4876	4876	4876	4876	4876	4876	4876	4876	4876	4876	4876	4876	4876
5	4882	4944	4997	5037	5057	5074	5076	5074	5057	5037	4997	4944	4882	4808	4736	4671	4622	4588	4581
10	4888	5010	5092	5138	5150	5162	5157	5162	5150	5138	5092	5010	4888	4733	4581	4425	4291	4191	4170
15	4884	5059	5152	5198	5201	5199	5183	5199	5201	5198	5152	5059	4884	4645	4388	4087	3827	3630	3587
20	4870	5097	5197	5238	5224	5186	5146	5186	5224	5238	5197	5097	4870	4541	4135	3642	3264	3031	2986
25	4838	5132	5244	5273	5187	5078	4999	5078	5187	5273	5244	5132	4838	4417	3809	3142	2742	2446	2374
30	4840	5198	5301	5289	5099	4926	4843	4926	5099	5289	5301	5198	4840	4271	3397	2670	2083	1850	1826
35	4938	5564	5756	5525	5163	4880	4743	4880	5163	5525	5756	5564	4938	4109	2974	2028	1619	1508	1489
40	4801	5493	5634	5493	5058	4708	4529	4708	5058	5493	5634	5493	4801	3718	2431	1505	1328	1269	1264
45	4947	5820	5830	5353	4842	4558	4416	4558	4842	5353	5830	5820	4947	3360	1816	1230	1171	1198	1209
50	5184	6336	6327	5525	4906	4595	4523	4595	4906	5525	6327	6336	5184	2959	1254	1089	1122	1192	1222
55	5564	6966	7001	5930	5110	4782	4771	4782	5110	5930	7001	6966	5564	2584	996	1018	1090	1191	1235
60	5963	7715	7797	6544	5491	4999	4921	4999	5491	6544	7797	7715	5963	2164	881	941	1046	1156	1208
65	5901	8156	8793	7525	5815	4903	4570	4903	5815	7525	8793	8156	5901	1653	765	842	960	1057	1103
70	4538	6811	9278	8264	4803	3207	2699	3207	4803	8264	9278	6811	4538	1019	633	715	827	904	945
75	2036	3084	6825	5713	1843	815	747	815	1843	5713	6825	3084	2036	477	486	560	652	712	747
80	460	647	1011	704	494	506	460	506	494	704	1011	647	460	265	305	365	438	490	520
85	66.2	104	153	155	229	222	199	222	229	155	153	104	66.2	83.8	121	169	227	264	287
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:0.5306A P:113.2W PF:0.9731 Freq:49.99Hz Lamp Flux:18620.6x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-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	4876	4876	4876	4876	4876														
5	4588	4622	4671	4736	4808														
10	4191	4291	4425	4581	4733														
15	3630	3827	4087	4388	4645														
20	3031	3264	3642	4135	4541														
25	2446	2742	3142	3809	4417														
30	1850	2083	2670	3397	4271														
35	1508	1619	2028	2974	4109														
40	1269	1328	1505	2431	3718														
45	1198	1171	1230	1816	3360														
50	1192	1122	1089	1254	2959														
55	1191	1090	1018	996	2584														
60	1156	1046	941	881	2164														
65	1057	960	842	765	1653														
70	904	827	715	633	1019														
75	712	652	560	486	477														
80	490	438	365	305	265														
85	264	227	169	121	83.8														
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: