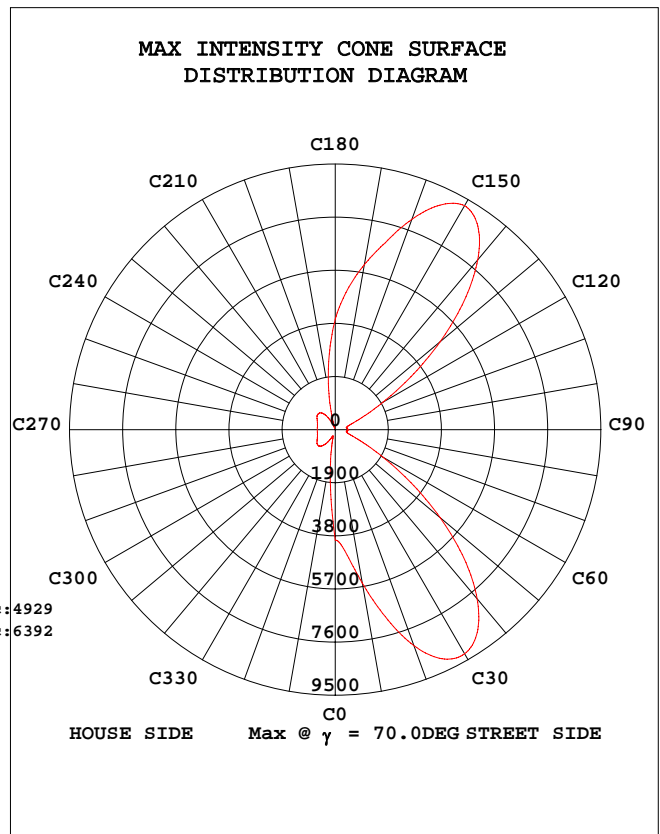
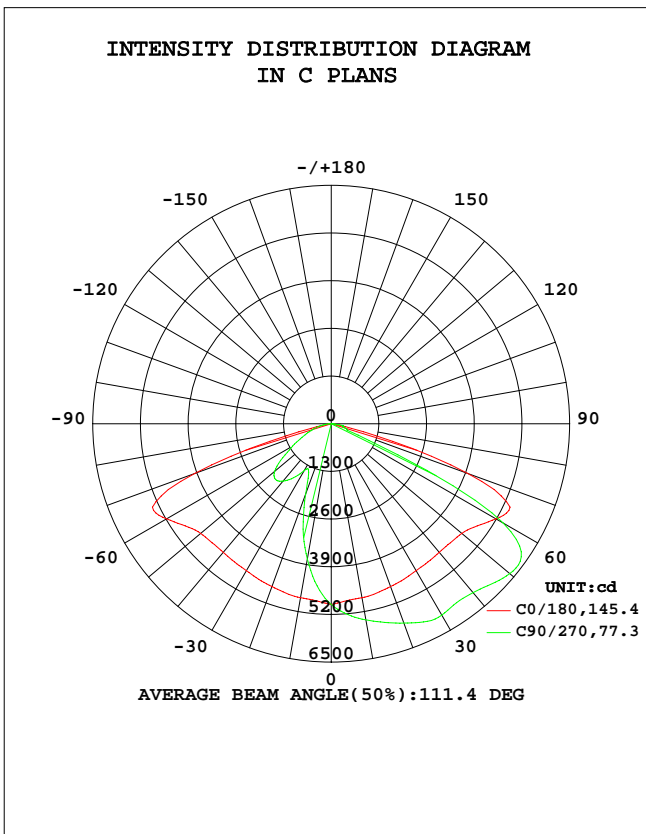


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.5501A P:116.2W PF:0.9631 Freq:49.99Hz Lamp Flux:17445.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.5KG
SPEC.:AOK-115Wot-NV-L3-00-5070-T301-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 150.17 lm/W			
MODEL	3030	I _{max} (cd)	9255	η street_up(%)	0.0
NOMINAL POWER(W)	115	LOR(%)	100.0	η street_down(%)	74.3
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	17445	η house_up(%)	0.0
NOMINAL FLUX(lm)	17445.3	MAXIMUM @(C,γ)	150,70.0	η house_down(%)	25.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.123

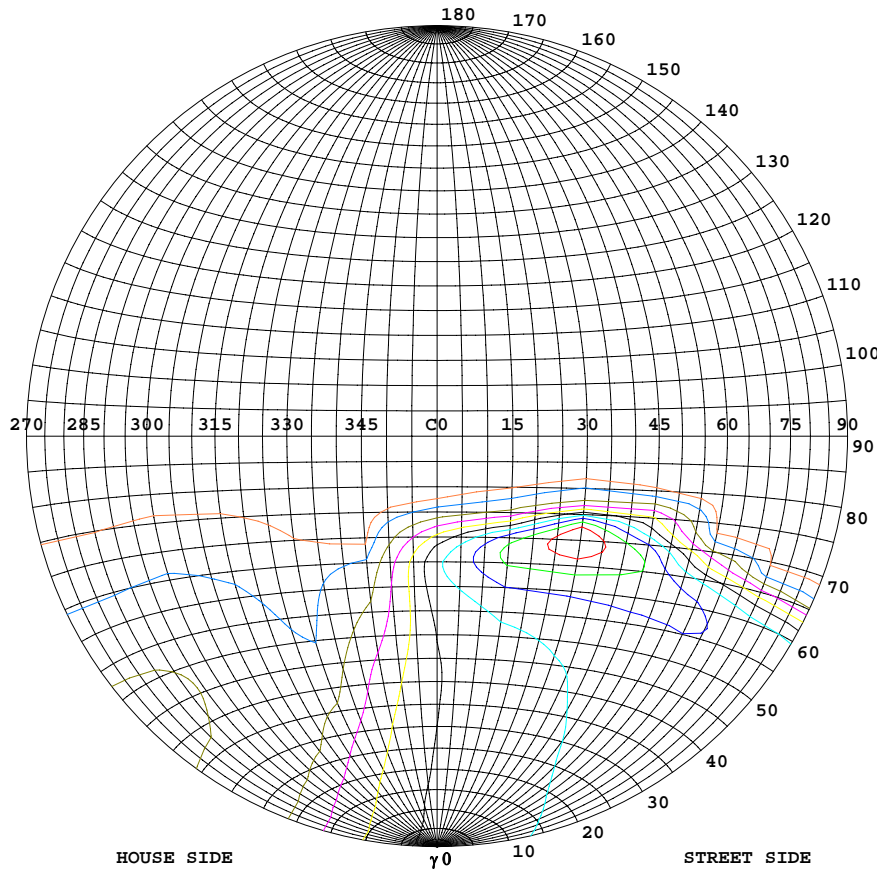


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-21

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:219.3V I:0.5501A P:116.2W PF:0.9631 Freq:49.99Hz Lamp Flux:17445.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.5KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T301-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

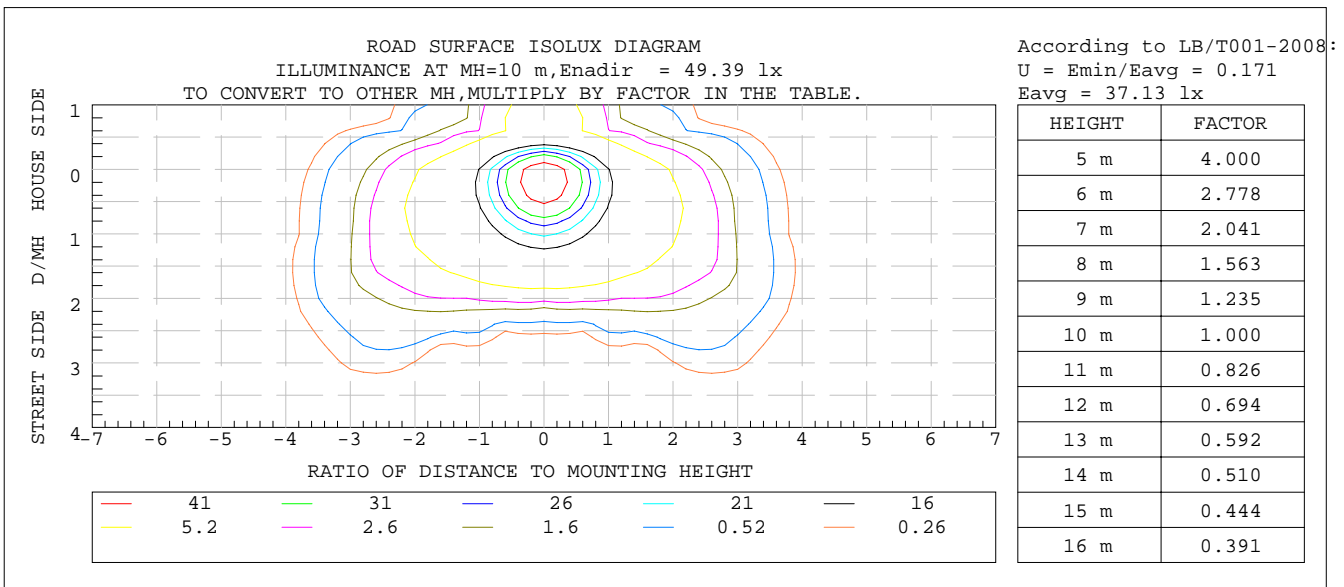
IES:Type III - Medium
 CIE:Broad - Long
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:54.89cd/klm
 Max.At90:0cd/klm
 Max.80-90:54.89cd/klm
 NRB 5101:Limited[2.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	9255
90%	8329
80%	7404
70%	6478
60%	5553
50%	4627
40%	3702
30%	2776
20%	1851
10%	925
5%	463

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-21

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: 2019-05-21

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:219.3V I:0.5501A P:116.2W PF:0.9631 Freq:49.99Hz Lamp Flux:17445.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.5KG
SPEC.:AOK-115Wot-NV-L3-00-5070-T301-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

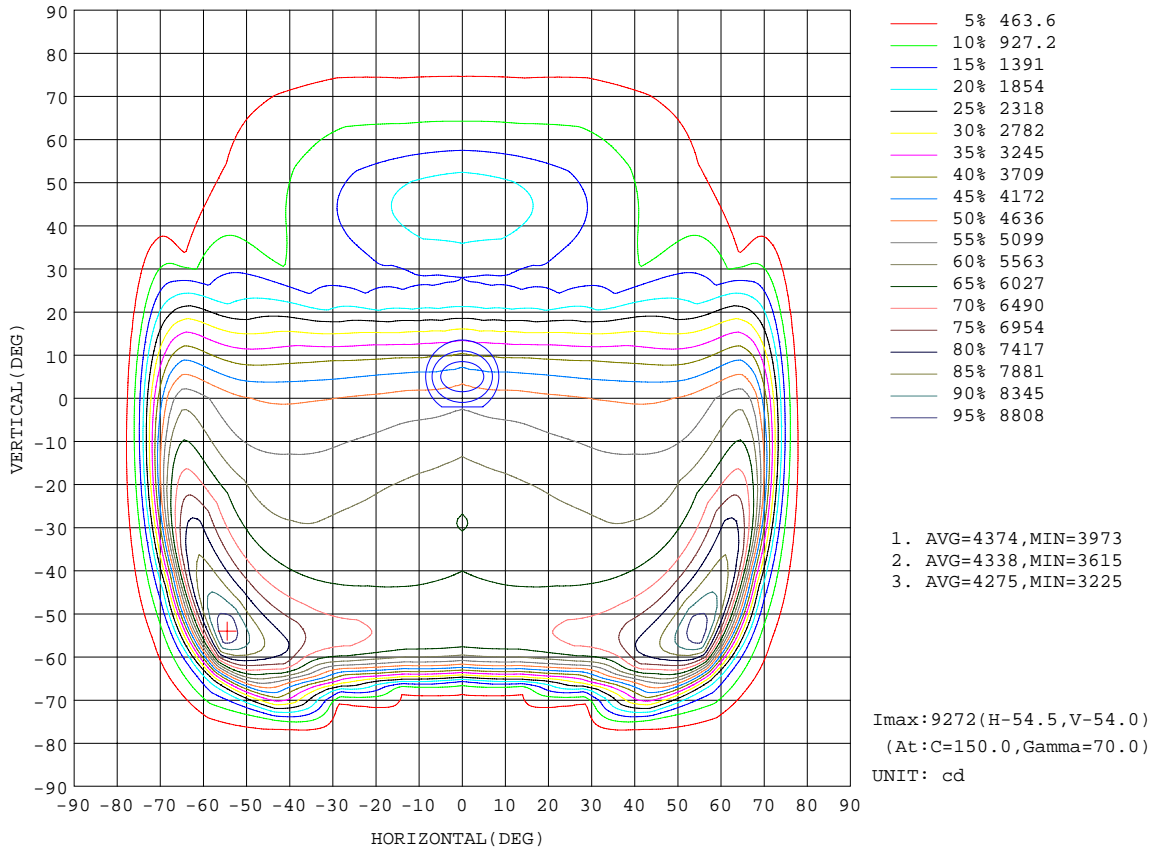
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	4816	5207	5430	5207	4816	4044	3755	4044	0- 10	454.8	454.8	2.61,2.61
20	4726	5396	5784	5396	4726	2925	2053	2925	10- 20	1256	1711	9.81,9.81
30	4625	5540	6026	5540	4625	1594	1477	1594	20- 30	1859	3570	20.5,20.5
40	4579	5700	6013	5700	4579	1155	2042	1155	30- 40	2417	5988	34.3,34.3
50	4650	5902	6353	5902	4650	1214	2014	1214	40- 50	2981	8968	51.4,51.4
60	5187	6800	5407	6800	5187	1004	1214	1004	50- 60	3484	12453	71.4,71.4
70	3956	6520	454.8	6520	3956	827.0	642.5	827.0	60- 70	3408	15860	90.9,90.9
80	199.7	529.9	336.4	529.9	199.7	239.7	254.3	239.7	70- 80	1456	17316	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	129.3	17445	100,100
100	0	0	0	0	0	0	0	0	90-100	0	17445	100,100
110	0	0	0	0	0	0	0	0	100-110	0	17445	100,100
120	0	0	0	0	0	0	0	0	110-120	0	17445	100,100
130	0	0	0	0	0	0	0	0	120-130	0	17445	100,100
140	0	0	0	0	0	0	0	0	130-140	0	17445	100,100
150	0	0	0	0	0	0	0	0	140-150	0	17445	100,100
160	0	0	0	0	0	0	0	0	150-160	0	17445	100,100
170	0	0	0	0	0	0	0	0	160-170	0	17445	100,100
180	0	0	0	0	0	0	0	0	170-180	0	17445	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:2019-05-21

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

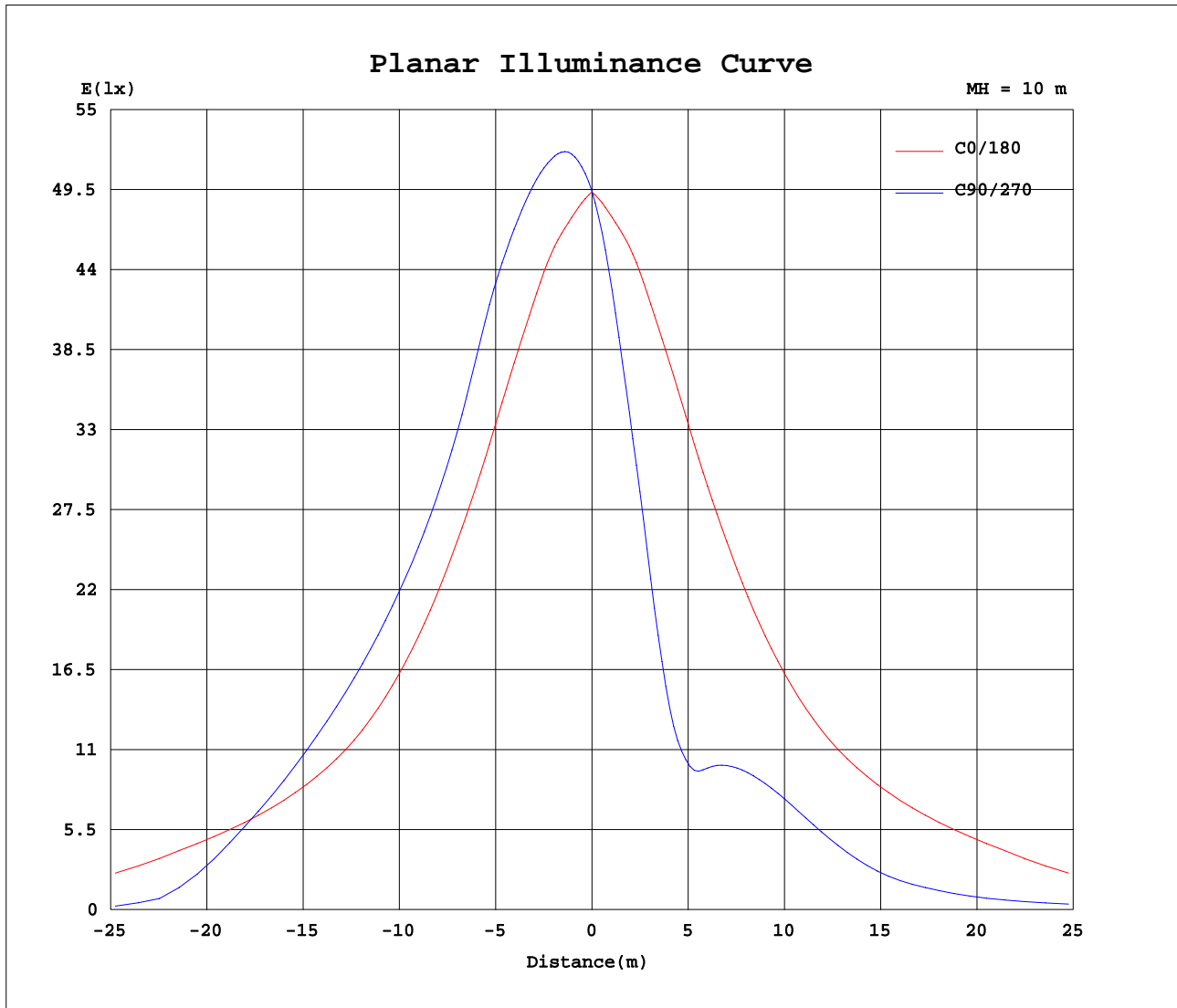
Test:U:219.3V I:0.5501A P:116.2W PF:0.9631 Freq:49.99Hz Lamp Flux:17445.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.5KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T301-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-21

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



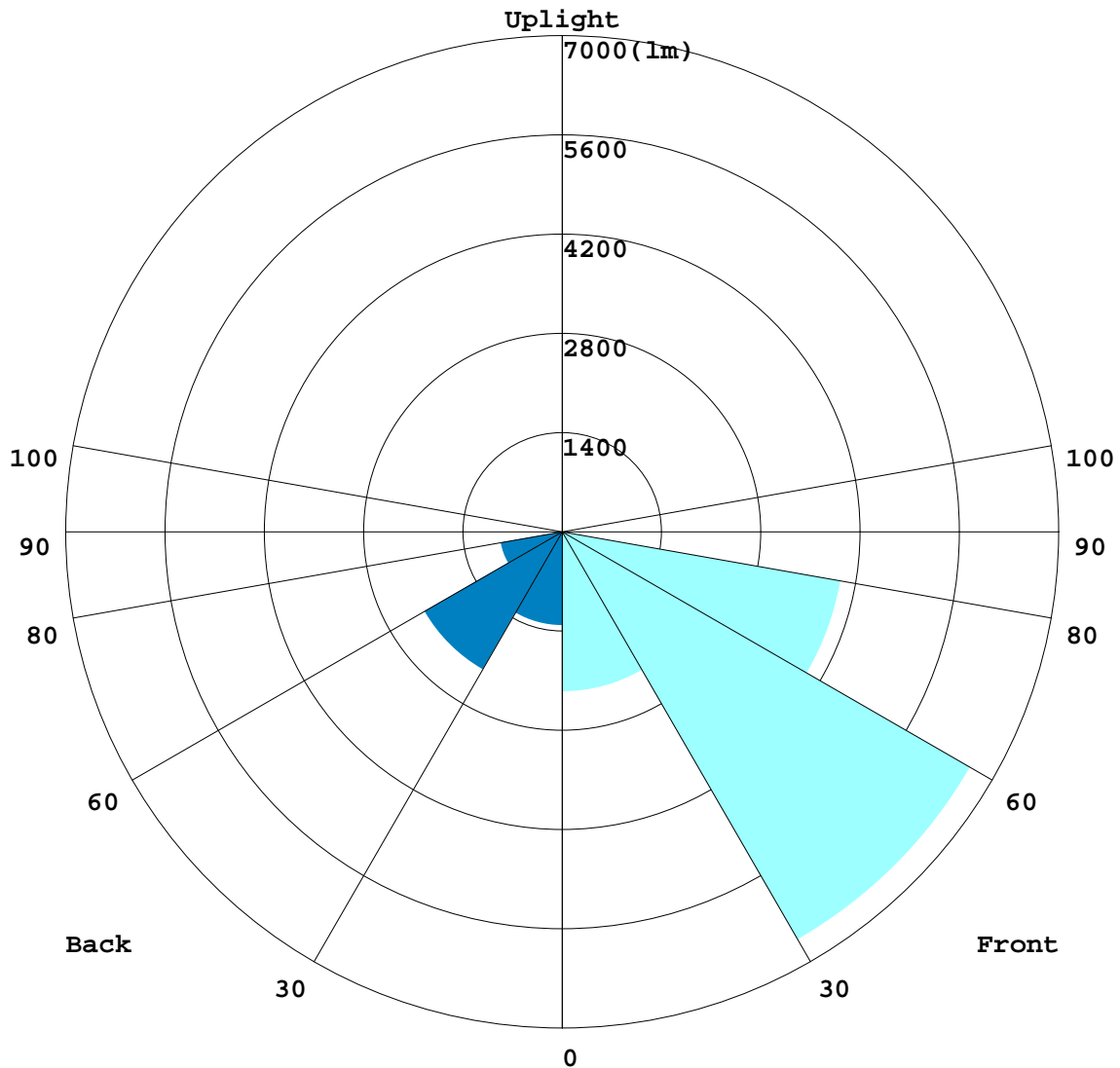
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-05-21

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:219.3V I:0.5501A P:116.2W PF:0.9631 Freq:49.99Hz Lamp Flux:17445.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.5KG
SPEC.:AOK-115Wot-NV-L3-00-5070-T301-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:2019-05-21

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:219.3V I:0.5501A P:116.2W PF:0.9631 Freq:49.99Hz Lamp Flux:17445.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.5KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T301-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)	2252	12.9
FM - Front-Medium(30-60)	6640.7	38.1
FH - Front-High(60-80)	3985.2	22.8
FVH - Front-Very High(80-90)	76.66	0.4
Total Forward Light	12954	74.3

BL - Back-Low(0-30)	1318.5	7.6
BM - Back-Medium(30-60)	2241.7	12.8
BH - Back-High(60-80)	878.03	5.0
BVH - Back-Very High(80-90)	52.643	0.3
Total Back Light	4490.8	25.7

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	4490.8	0	4490.8
Street Side	12954	0	12954

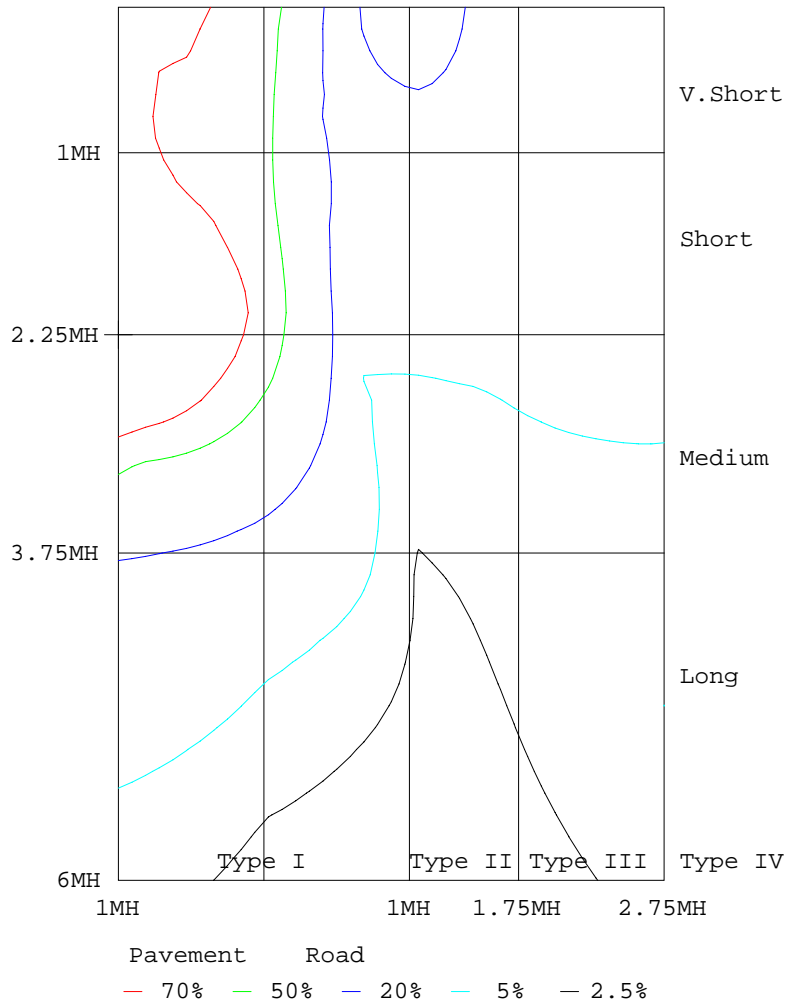
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-21

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:219.3V I:0.5501A P:116.2W PF:0.9631 Freq:49.99Hz Lamp Flux:17445.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.5KG
SPEC.:AOK-115WOT-NV-L3-00-5070-T301-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:2019-05-21

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:219.3V I:0.5501A P:116.2W PF:0.9631 Freq:49.99Hz Lamp Flux:17445.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.5KG
SPEC.:AOK-115Wot-NV-L3-00-5070-T301-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	4929	4929	4929	4929	4929	4929	4929	4929	4929	4929	4929	4929	4929	4929	4929	4929	4929	4929	4929
5	4844	4933	5011	5083	5142	5194	5223	5194	5142	5083	5011	4933	4844	4732	4625	4524	4460	4420	4439
10	4816	4971	5096	5207	5294	5380	5430	5380	5294	5207	5096	4971	4816	4578	4311	4044	3853	3738	3755
15	4782	5007	5174	5309	5418	5534	5608	5534	5418	5309	5174	5007	4782	4406	3958	3515	3196	2972	2974
20	4726	5005	5206	5396	5549	5686	5784	5686	5549	5396	5206	5005	4726	4190	3565	2925	2407	2082	2053
25	4680	5017	5227	5475	5674	5839	5961	5839	5674	5475	5227	5017	4680	3976	3136	2227	1662	1474	1461
30	4625	5017	5271	5540	5796	5941	6026	5941	5796	5540	5271	5017	4625	3751	2625	1594	1333	1423	1477
35	4600	5021	5324	5616	5824	5873	5955	5873	5824	5616	5324	5021	4600	3513	2048	1268	1410	1717	1799
40	4579	5068	5384	5700	5790	5903	6013	5903	5790	5700	5384	5068	4579	3252	1536	1155	1593	1942	2042
45	4590	5158	5484	5745	5903	6047	6181	6047	5903	5745	5484	5158	4590	2910	1189	1210	1692	2043	2152
50	4650	5350	5658	5902	6133	6261	6353	6261	6133	5902	5658	5350	4650	2491	905	1214	1674	1930	2014
55	4860	5732	5987	6246	6451	6387	6326	6387	6451	6246	5987	5732	4860	2041	747	1138	1481	1571	1614
60	5187	6450	6645	6800	6563	5815	5407	5815	6563	6800	6645	6450	5187	1608	668	1004	1191	1210	1214
65	5379	7491	7874	7383	5199	3034	2006	3034	5199	7383	7874	7491	5379	1030	580	867	983	902	883
70	3956	6923	9255	6520	1974	451	455	451	1974	6520	9255	6923	3956	359	476	827	749	664	643
75	1252	2146	5329	3809	353	352	338	352	353	3809	5329	2146	1252	214	326	516	527	455	447
80	200	433	958	530	237	324	336	324	237	530	958	433	200	115	427	240	282	258	254
85	49.3	57.9	150	97.9	142	100	95.3	100	142	97.9	150	57.9	49.3	41.9	102	69.8	81.1	96.1	101
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:2019-05-21

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:219.3V I:0.5501A P:116.2W PF:0.9631 Freq:49.99Hz Lamp Flux:17445.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.5KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T301-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	4929	4929	4929	4929	4929														
5	4420	4460	4524	4625	4732														
10	3738	3853	4044	4311	4578														
15	2972	3196	3515	3958	4406														
20	2082	2407	2925	3565	4190														
25	1474	1662	2227	3136	3976														
30	1423	1333	1594	2625	3751														
35	1717	1410	1268	2048	3513														
40	1942	1593	1155	1536	3252														
45	2043	1692	1210	1189	2910														
50	1930	1674	1214	905	2491														
55	1571	1481	1138	747	2041														
60	1210	1191	1004	668	1608														
65	902	983	867	580	1030														
70	664	749	827	476	359														
75	455	527	516	326	214														
80	258	282	240	427	115														
85	96.1	81.1	69.8	102	41.9														
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:2019-05-21

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: