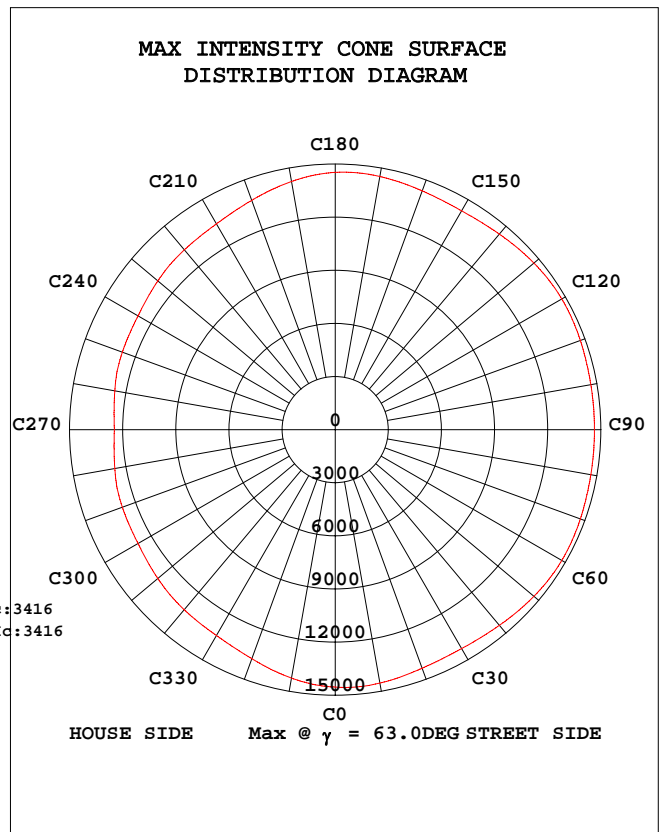
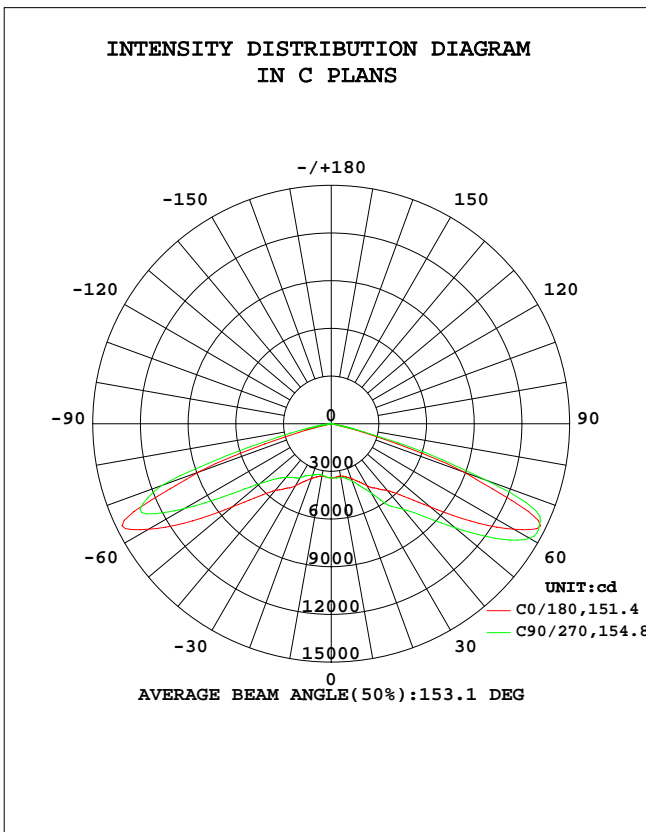


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:1.061A P:227.7W PF:0.9794 Freq:49.99Hz Lamp Flux:38818.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-230Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 170.46 lm/W			
MODEL	5050	I _{max} (cd)	14772	η street_up(%)	0.0
NOMINAL POWER(W)	230	LOR(%)	100.0	η street_down(%)	53.4
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	38818	η house_up(%)	0.0
NOMINAL FLUX(lm)	38818.2	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	20.064

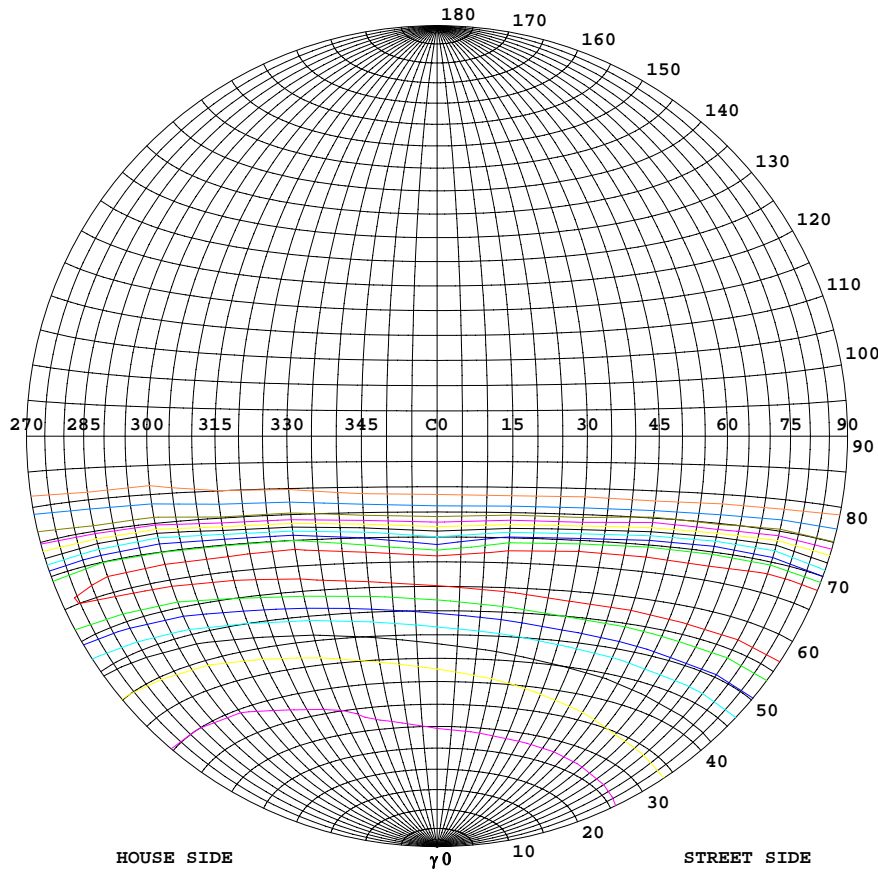


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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:1.061A P:227.7W PF:0.9794 Freq:49.99Hz Lamp Flux:38818.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-230Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



Classification:

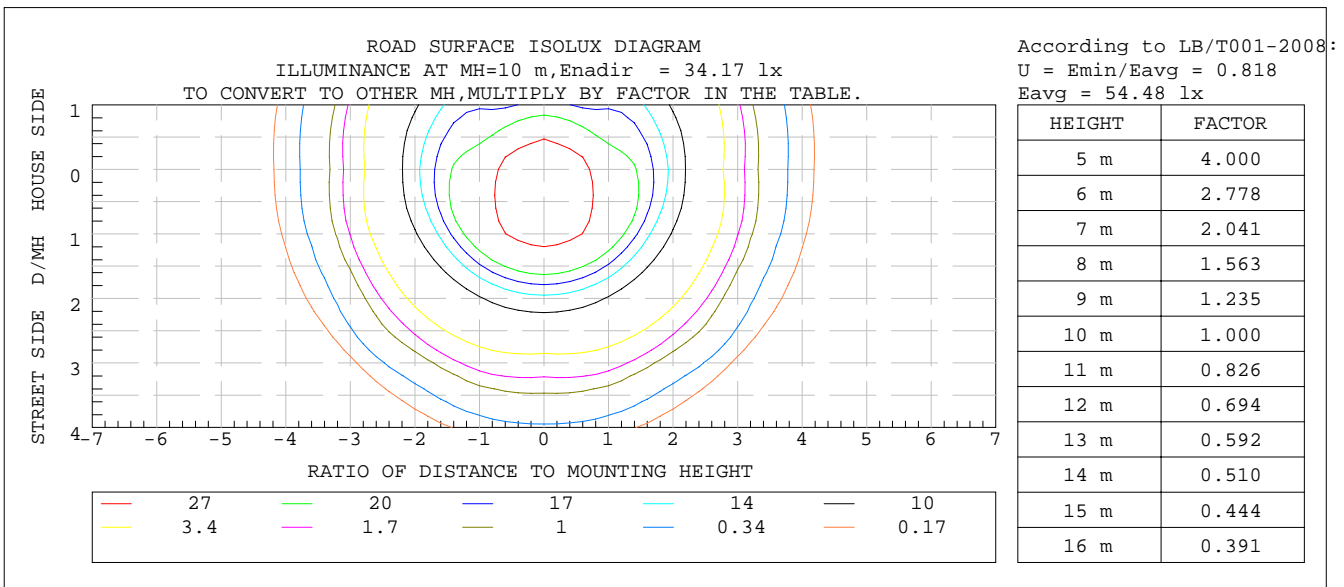
IES:Type V - Very Short
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Full cut-off
 Max.At80:29.35cd/klm
 Max.At90:0cd/klm
 Max.80-90:29.35cd/klm
 NRB 5101:Limited[4.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	14772
90%	13295
80%	11818
70%	10341
60%	8863
50%	7386
40%	5909
30%	4432
20%	2954
10%	1477
5%	739

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:1.061A P:227.7W PF:0.9794 Freq:49.99Hz Lamp Flux:38818.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-230Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

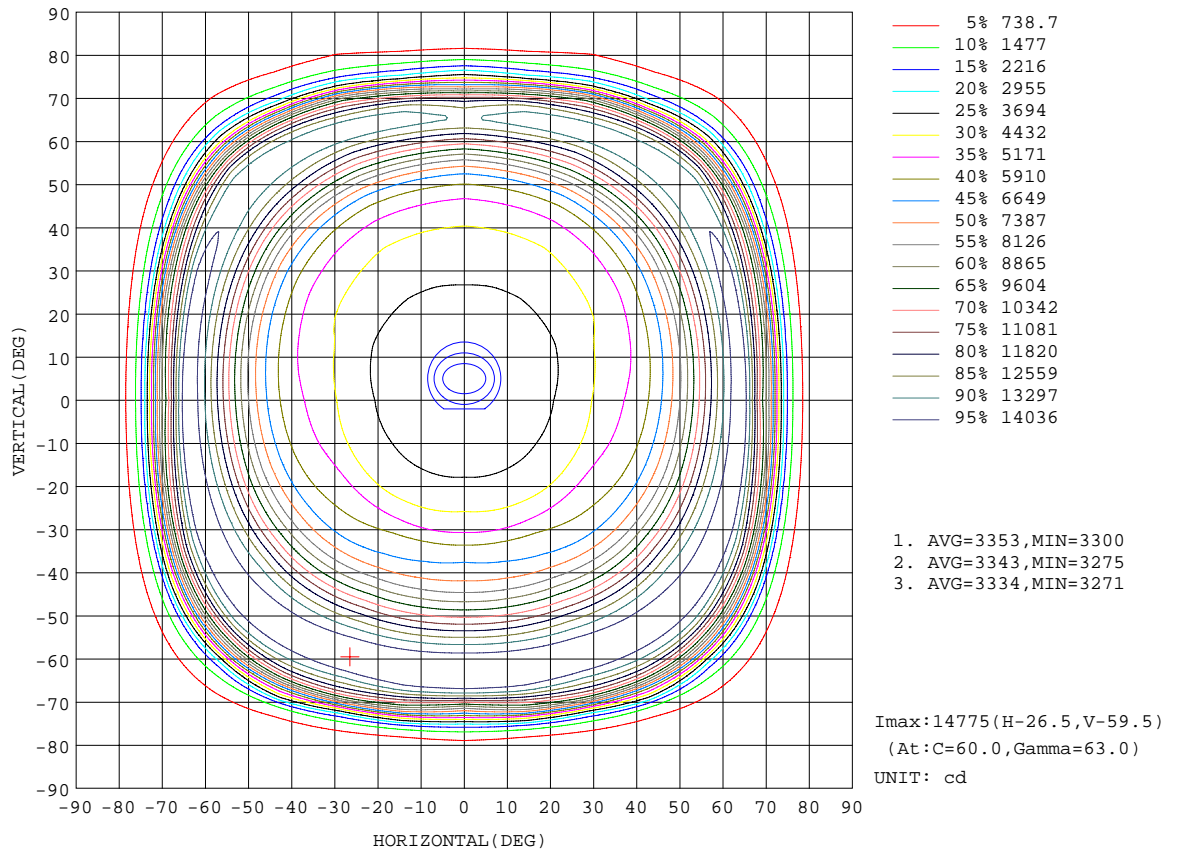
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	334.3	338.5	342.5	338.5	334.3	328.3	328.9	328.3	0- 10	321.4	321.4	0.83,0.83
20	366.6	375.0	383.1	375.0	366.6	344.0	343.9	344.0	10- 20	979.9	1301	3.35,3.35
30	450.0	481.2	503.8	481.2	450.0	401.9	391.9	401.9	20- 30	1844	3146	8.1,8.1
40	547.7	639.9	702.3	639.9	547.7	463.0	440.1	463.0	30- 40	3164	6310	16.3,16.3
50	815.2	964.3	1019	964.3	815.2	652.8	587.0	652.8	40- 50	5149	11458	29.5,29.5
60	1328	1410	1441	1410	1328	1186	1068	1186	50- 60	9452	20910	53.9,53.9
70	889.2	1144	1035	1144	889.2	1166	1133	1166	60- 70	13240	34150	88,88
80	38.23	38.81	36.06	38.81	38.23	74.56	113.9	74.56	70- 80	4481	38631	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	187.6	38818	100,100
100	0	0	0	0	0	0	0	0	90-100	0	38818	100,100
110	0	0	0	0	0	0	0	0	100-110	0	38818	100,100
120	0	0	0	0	0	0	0	0	110-120	0	38818	100,100
130	0	0	0	0	0	0	0	0	120-130	0	38818	100,100
140	0	0	0	0	0	0	0	0	130-140	0	38818	100,100
150	0	0	0	0	0	0	0	0	140-150	0	38818	100,100
160	0	0	0	0	0	0	0	0	150-160	0	38818	100,100
170	0	0	0	0	0	0	0	0	160-170	0	38818	100,100
180	0	0	0	0	0	0	0	0	170-180	0	38818	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

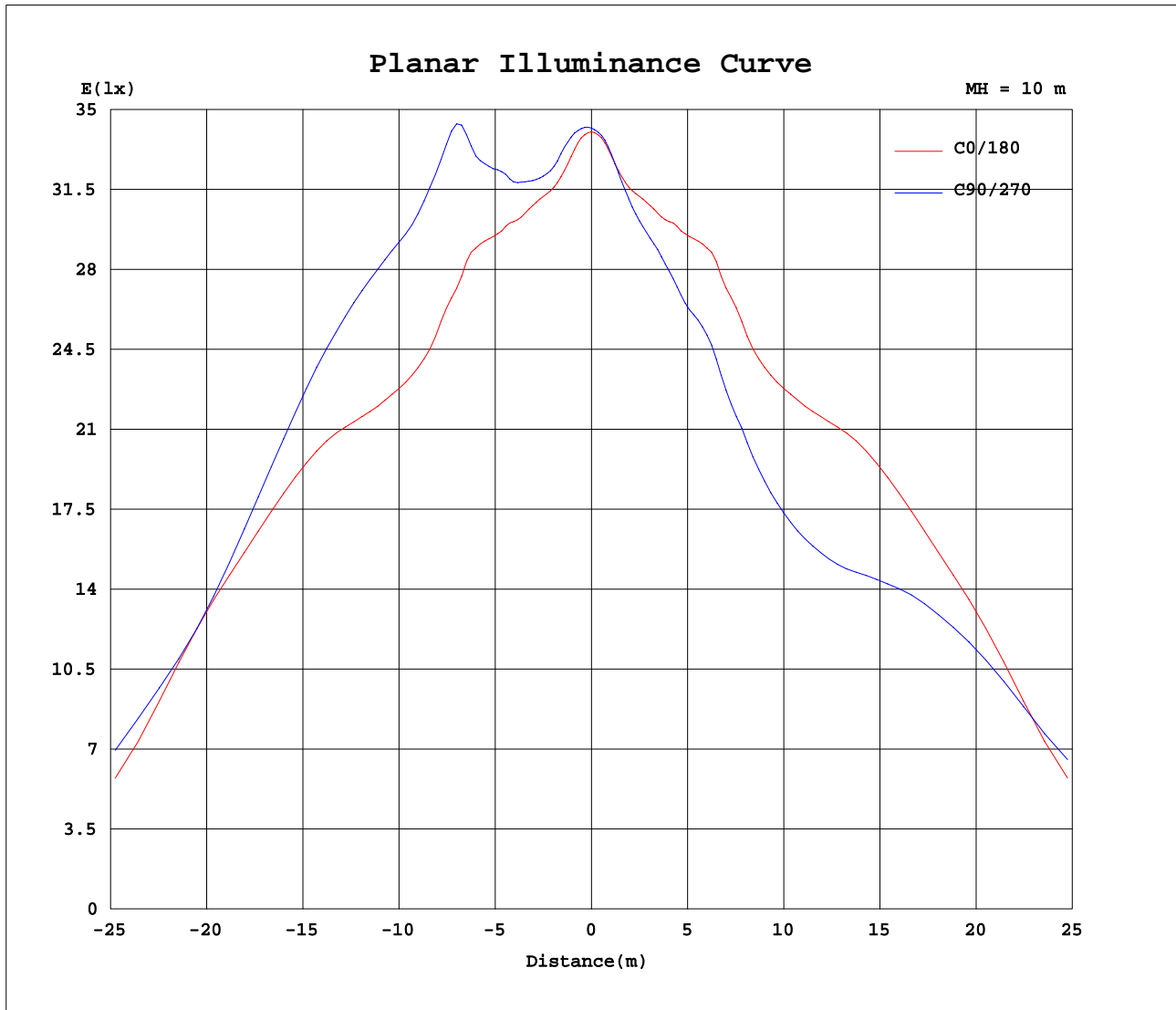
Test:U:219.2V I:1.061A P:227.7W PF:0.9794 Freq:49.99Hz Lamp Flux:38818.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-230Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



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



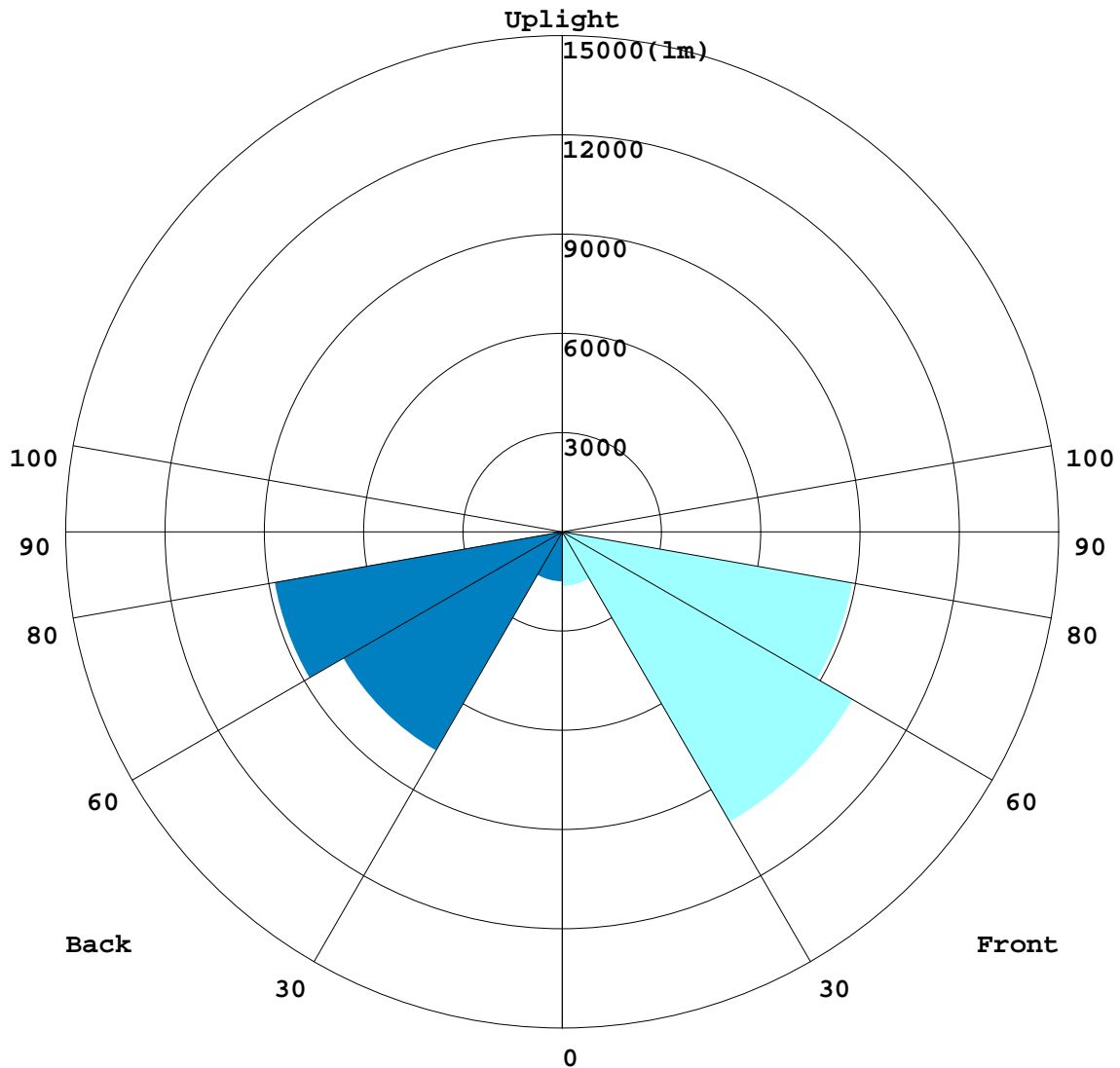
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-09-23

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:1.061A P:227.7W PF:0.9794 Freq:49.99Hz Lamp Flux:38818.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-230Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	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:1.061A P:227.7W PF:0.9794 Freq:49.99Hz Lamp Flux:38818.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-230Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1641.1	4.2
FM - Front-Medium(30-60)	10129	26.1
FH - Front-High(60-80)	8902.9	22.9
FVH - Front-Very High(80-90)	54.999	0.1
Total Forward Light	20728	53.4

BL - Back-Low(0-30)	1504.5	3.9
BM - Back-Medium(30-60)	7636	19.7
BH - Back-High(60-80)	8817.5	22.7
BVH - Back-Very High(80-90)	132.62	0.3
Total Back Light	18091	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	18091	0	18091
Street Side	20728	0	20728

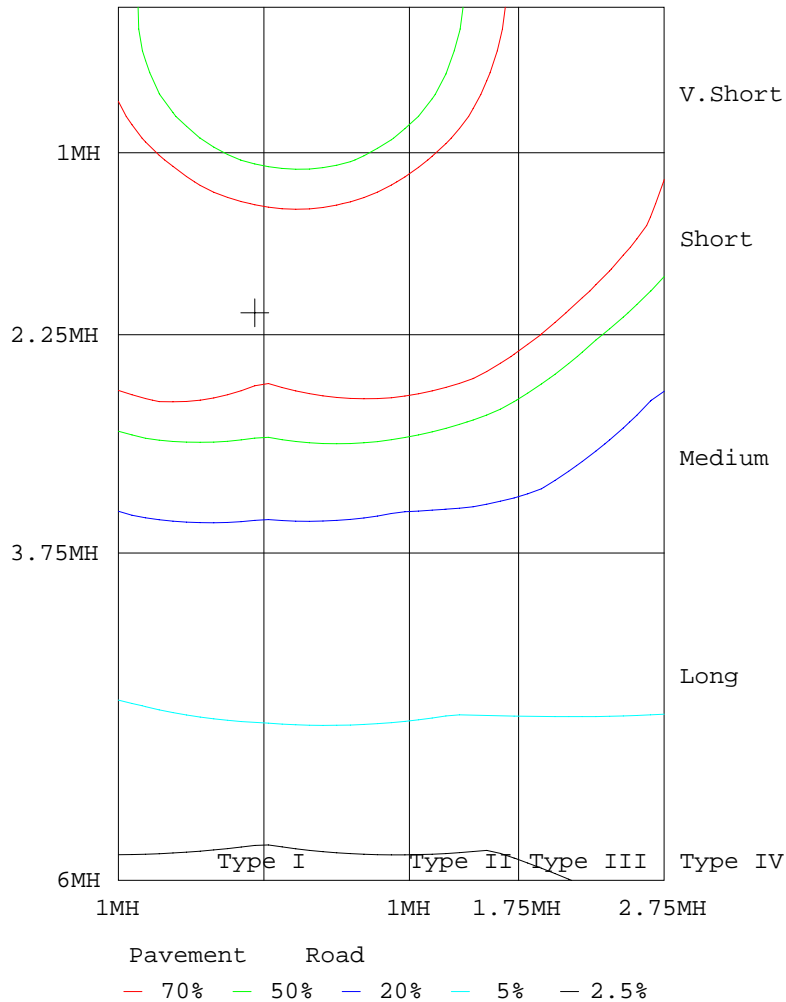
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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:1.061A P:227.7W PF:0.9794 Freq:49.99Hz Lamp Flux:38818.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-230Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	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:1.061A P:227.7W PF:0.9794 Freq:49.99Hz Lamp Flux:38818.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-230Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	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	342	342	342	342	342	342	342	342	342	342	342	342	342	342	342	342	342	342	342
5	338	339	340	341	341	342	343	342	341	341	340	339	338	337	337	337	336	336	337
10	334	336	337	338	340	342	343	342	340	338	337	336	334	332	330	328	327	328	329
15	346	348	349	350	352	353	355	353	352	350	349	348	346	340	334	332	330	331	331
20	367	370	373	375	378	380	383	380	378	375	373	370	367	356	348	344	341	343	344
25	400	405	409	413	420	427	433	427	420	413	409	405	400	384	371	365	359	359	360
30	450	459	471	481	493	498	504	498	493	481	471	459	450	427	412	402	392	391	392
35	496	520	546	571	598	616	625	616	598	571	546	520	496	464	441	426	414	412	413
40	548	578	610	640	672	693	702	693	672	640	610	578	548	513	483	463	448	443	440
45	647	688	732	768	806	820	825	820	806	768	732	688	647	601	559	530	508	499	490
50	815	864	925	964	1007	1013	1019	1013	1007	964	925	864	815	749	693	653	616	602	587
55	1067	1123	1187	1214	1246	1248	1255	1248	1246	1214	1187	1123	1067	999	935	886	833	805	773
60	1328	1364	1393	1410	1435	1436	1441	1436	1435	1410	1393	1364	1328	1272	1232	1186	1125	1103	1068
65	1437	1446	1427	1433	1444	1449	1451	1449	1444	1433	1427	1446	1437	1431	1370	1363	1371	1351	1318
70	889	1059	1091	1144	1147	1125	1035	1125	1147	1144	1091	1059	889	1026	1180	1166	1173	1176	1133
75	214	223	226	318	266	339	304	339	266	318	226	223	214	241	328	310	388	376	408
80	38.2	43.2	34.9	38.8	33.9	42.6	36.1	42.6	33.9	38.8	34.9	43.2	38.2	44.6	69.6	74.6	96.0	103	114
85	4.45	6.76	8.56	7.19	8.75	7.59	6.62	7.59	8.75	7.19	8.56	6.76	4.45	6.22	16.2	14.3	31.9	24.1	26.4
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:1.061A P:227.7W PF:0.9794 Freq:49.99Hz Lamp Flux:38818.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-230WOT-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	342	342	342	342	342														
5	336	336	337	337	337														
10	328	327	328	330	332														
15	331	330	332	334	340														
20	343	341	344	348	356														
25	359	359	365	371	384														
30	391	392	402	412	427														
35	412	414	426	441	464														
40	443	448	463	483	513														
45	499	508	530	559	601														
50	602	616	653	693	749														
55	805	833	886	935	999														
60	1103	1125	1186	1232	1272														
65	1351	1371	1363	1370	1431														
70	1176	1173	1166	1180	1026														
75	376	388	310	328	241														
80	103	96.0	74.6	69.6	44.6														
85	24.1	31.9	14.3	16.2	6.22														
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: