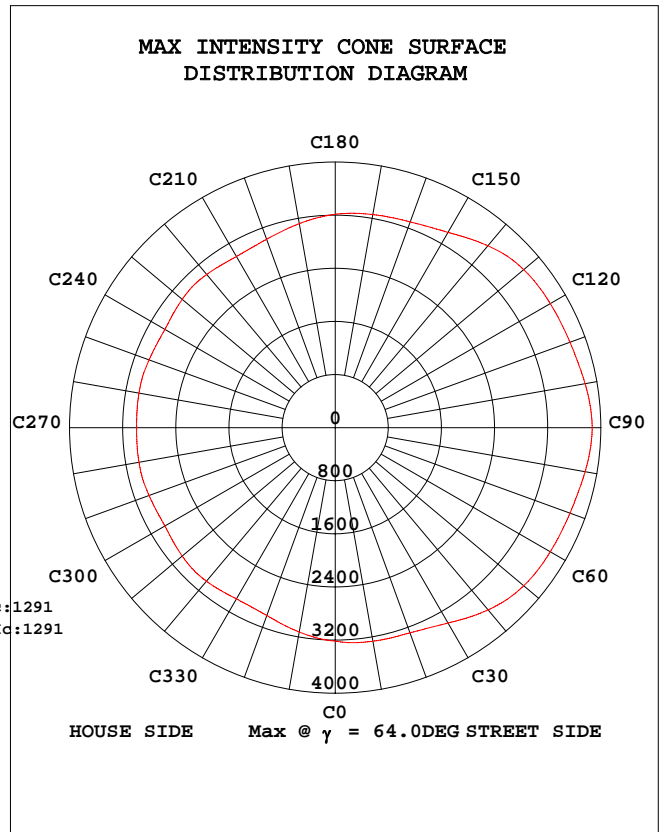
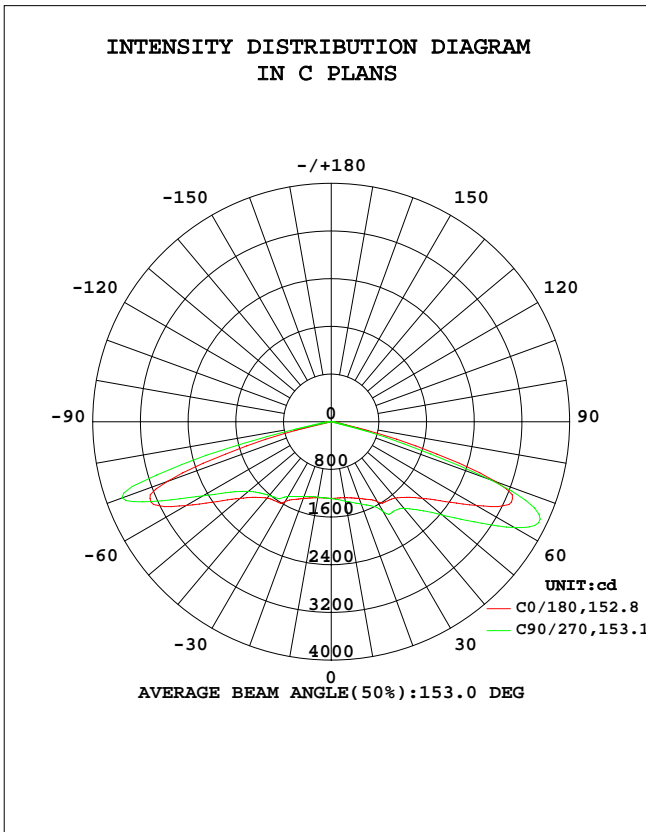


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.3519A P:75.17W PF:0.9743 Freq:49.99Hz Lamp Flux:10976.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 146.02 lm/W			
MODEL	3030	I _{max} (cd)	3870	η street_up(%)	0.0
NOMINAL POWER(W)	75	LOR(%)	100.0	η street_down(%)	50.9
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	10977	η house_up(%)	0.0
NOMINAL FLUX(lm)	10976.7	MAXIMUM @(C,γ)	90,64.0	η house_down(%)	49.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	18.632

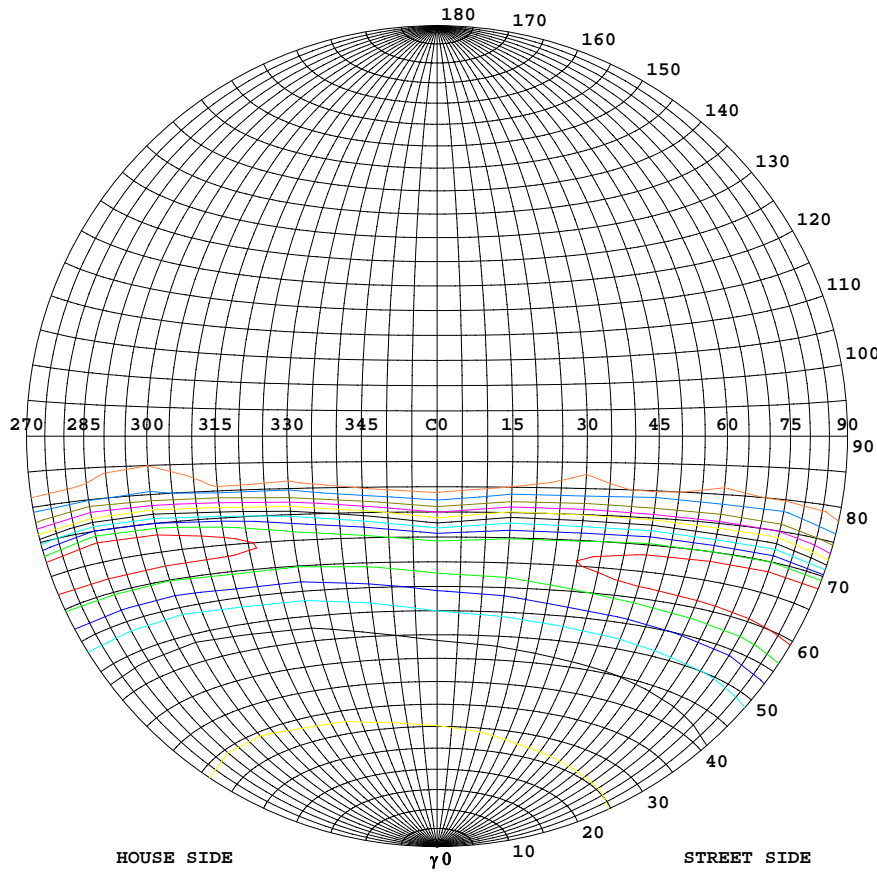


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-17

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:0.3519A P:75.17W PF:0.9743 Freq:49.99Hz Lamp Flux:10976.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

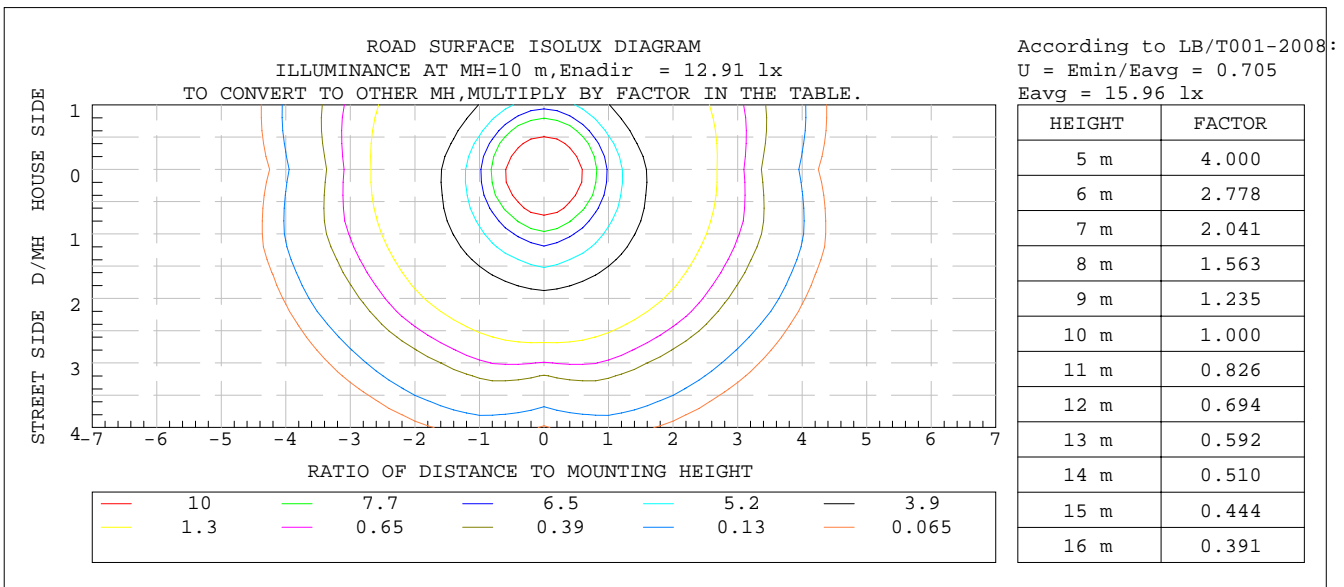
IES:Type V - Very Short
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:41.34cd/klm
 Max.At90:0cd/klm
 Max.80-90:41.34cd/klm
 NRB 5101:Semi limited[12.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3870
90%	3483
80%	3096
70%	2709
60%	2322
50%	1935
40%	1548
30%	1161
20%	774
10%	387
5%	193

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-17

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: 2019-10-17

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:0.3519A P:75.17W PF:0.9743 Freq:49.99Hz Lamp Flux:10976.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

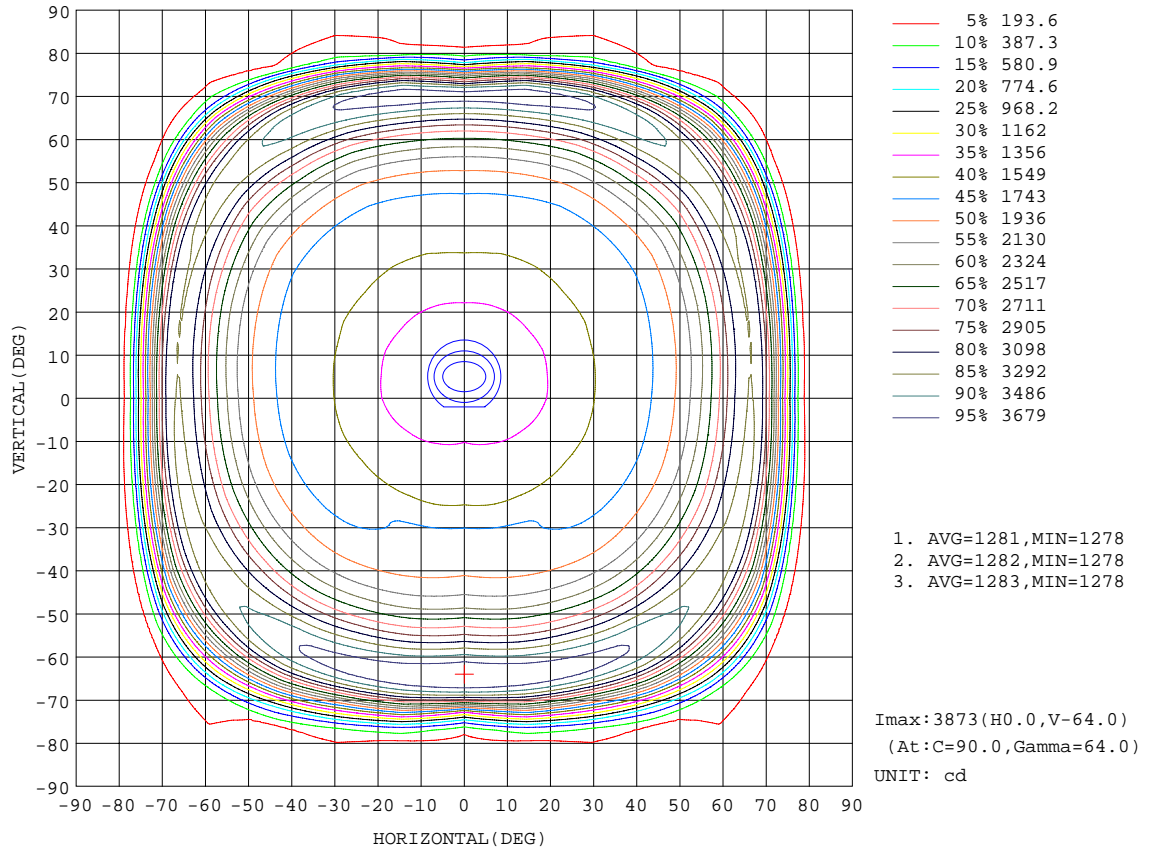
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	1295	1325	1352	1325	1295	1278	1284	1278	0- 10	123.5	123.5	1.13,1.13
20	1370	1430	1470	1430	1370	1337	1335	1337	10- 20	380.3	503.9	4.59,4.59
30	1548	1654	1734	1654	1548	1481	1450	1481	20- 30	677.8	1182	10.8,10.8
40	1673	1768	1898	1768	1673	1593	1617	1593	30- 40	1033	2215	20.2,20.2
50	2002	2188	2435	2188	2002	1801	1817	1801	40- 50	1418	3632	33.1,33.1
60	2813	3217	3552	3217	2813	2502	2488	2502	50- 60	2147	5780	52.7,52.7
70	2920	3177	2836	3177	2920	3566	3734	3566	60- 70	3253	9032	82.3,82.3
80	151.3	164.1	139.5	164.1	151.3	234.6	310.3	234.6	70- 80	1836	10869	99,99
90	0	0	0	0	0	0	0	0	80- 90	108.1	10977	100,100
100	0	0	0	0	0	0	0	0	90-100	0	10977	100,100
110	0	0	0	0	0	0	0	0	100-110	0	10977	100,100
120	0	0	0	0	0	0	0	0	110-120	0	10977	100,100
130	0	0	0	0	0	0	0	0	120-130	0	10977	100,100
140	0	0	0	0	0	0	0	0	130-140	0	10977	100,100
150	0	0	0	0	0	0	0	0	140-150	0	10977	100,100
160	0	0	0	0	0	0	0	0	150-160	0	10977	100,100
170	0	0	0	0	0	0	0	0	160-170	0	10977	100,100
180	0	0	0	0	0	0	0	0	170-180	0	10977	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:2019-10-17

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

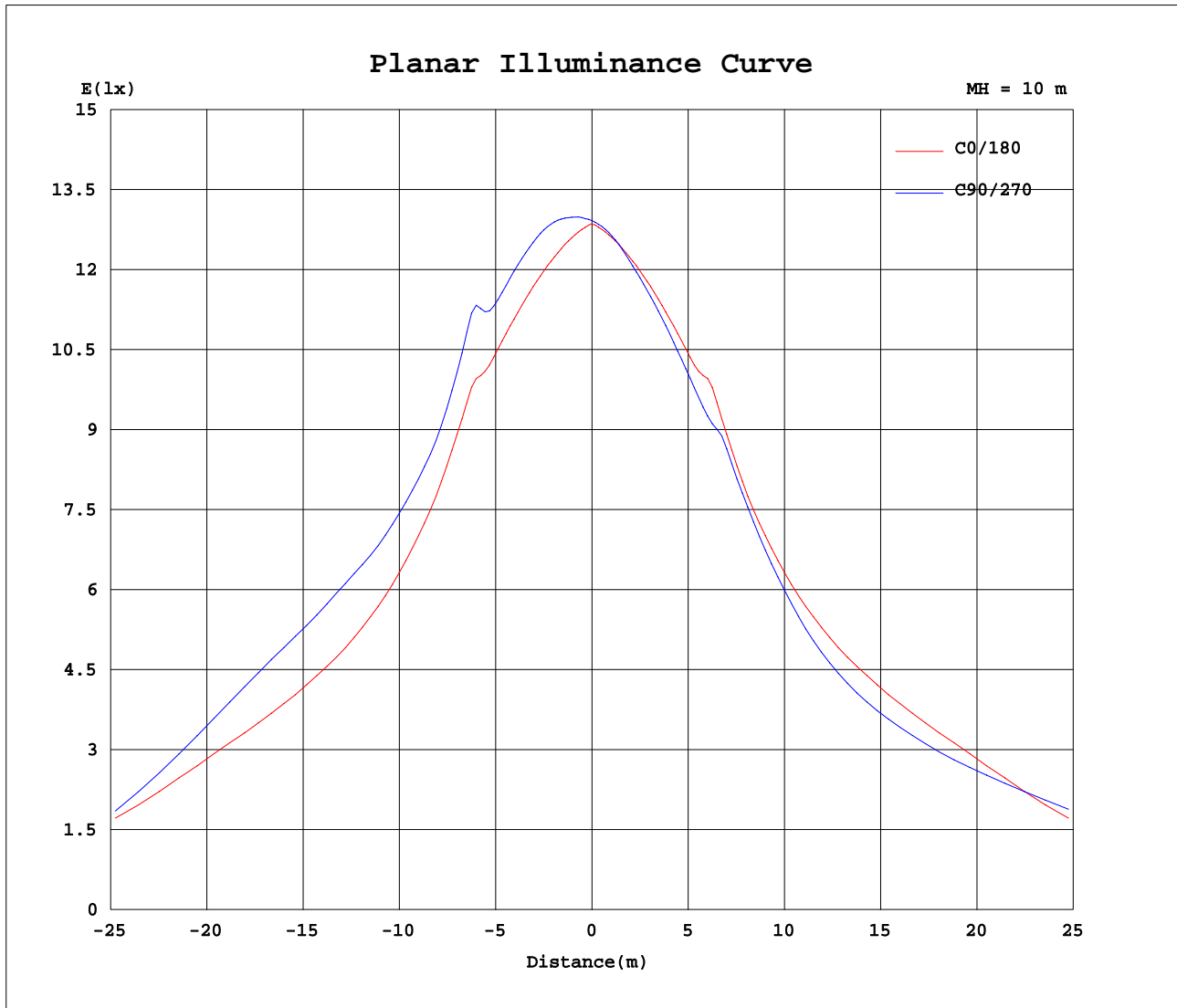
Test:U:219.2V I:0.3519A P:75.17W PF:0.9743 Freq:49.99Hz Lamp Flux:10976.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WOT-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-10-17

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



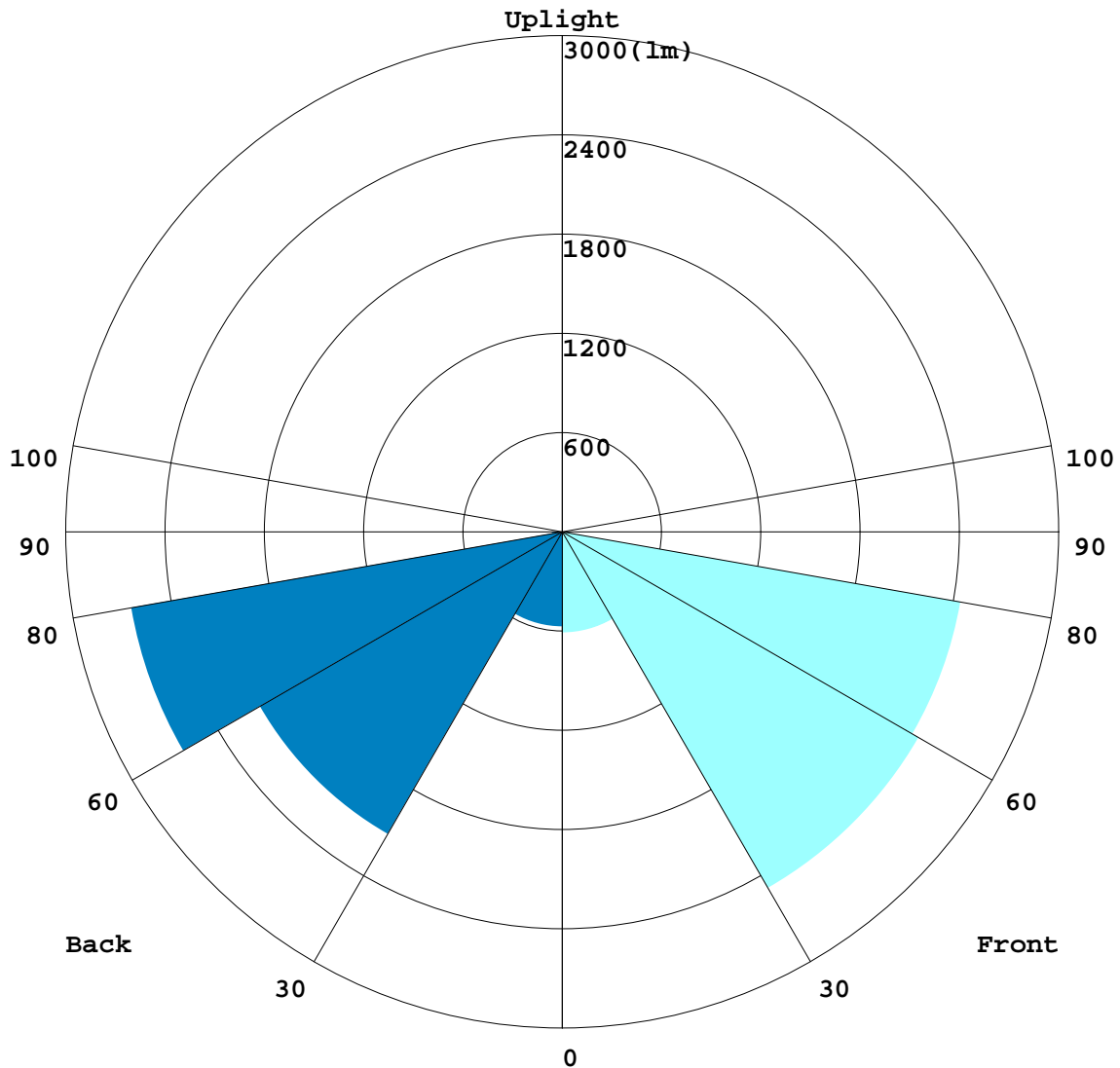
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-10-17

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:0.3519A P:75.17W PF:0.9743 Freq:49.99Hz Lamp Flux:10976.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L3-00-5070-T501-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:2019-10-17

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:0.3519A P:75.17W PF:0.9743 Freq:49.99Hz Lamp Flux:10976.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L3-00-5070-T501-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)	609.06	5.5
FM - Front-Medium(30-60)	2487.7	22.7
FH - Front-High(60-80)	2444	22.3
FVH - Front-Very High(80-90)	46.39	0.4
Total Forward Light	5587.2	50.9

BL - Back-Low(0-30)	572.6	5.2
BM - Back-Medium(30-60)	2110.3	19.2
BH - Back-High(60-80)	2644.9	24.1
BVH - Back-Very High(80-90)	61.746	0.6
Total Back Light	5389.6	49.1

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	B4-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5389.6	0	5389.6
Street Side	5587.2	0	5587.2

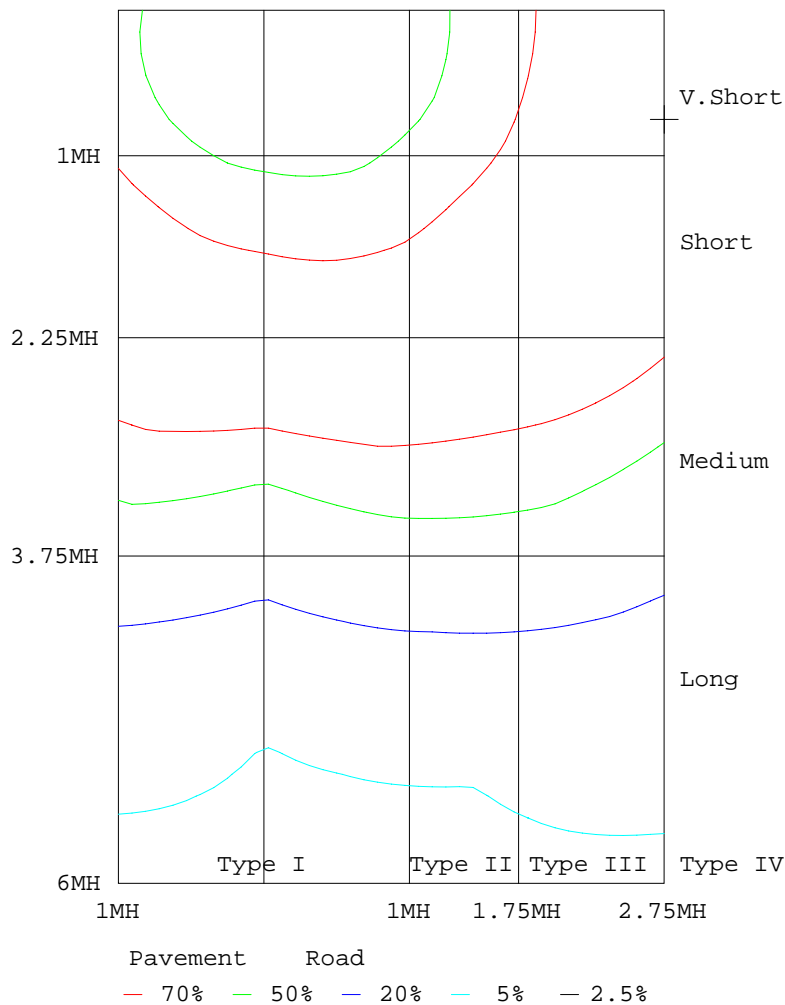
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-17

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:0.3519A P:75.17W PF:0.9743 Freq:49.99Hz Lamp Flux:10976.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L3-00-5070-T501-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:2019-10-17

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:0.3519A P:75.17W PF:0.9743 Freq:49.99Hz Lamp Flux:10976.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L3-00-5070-T501-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	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291	1291
5	1285	1289	1294	1299	1304	1308	1312	1308	1304	1299	1294	1289	1285	1282	1279	1279	1278	1281	1283
10	1295	1303	1316	1325	1336	1345	1352	1345	1336	1325	1316	1303	1295	1286	1279	1278	1277	1280	1284
15	1323	1338	1356	1370	1386	1396	1406	1396	1386	1370	1356	1338	1323	1309	1299	1296	1293	1296	1301
20	1370	1387	1413	1430	1447	1458	1470	1458	1447	1430	1413	1387	1370	1353	1340	1337	1330	1333	1335
25	1437	1460	1494	1514	1532	1540	1553	1540	1532	1514	1494	1460	1437	1415	1400	1396	1387	1384	1384
30	1548	1581	1627	1654	1680	1695	1734	1695	1680	1654	1627	1581	1548	1504	1484	1481	1463	1453	1450
35	1627	1649	1683	1718	1752	1793	1832	1793	1752	1718	1683	1649	1627	1592	1569	1564	1555	1554	1570
40	1673	1696	1733	1768	1813	1856	1898	1856	1813	1768	1733	1696	1673	1634	1601	1593	1592	1600	1617
45	1795	1825	1875	1920	1983	2040	2101	2040	1983	1920	1875	1825	1795	1733	1678	1662	1658	1677	1693
50	2002	2047	2120	2188	2273	2340	2435	2340	2273	2188	2120	2047	2002	1902	1818	1801	1780	1803	1817
55	2336	2403	2516	2618	2734	2809	2927	2809	2734	2618	2516	2403	2336	2174	2068	2057	2015	2044	2062
60	2813	2911	3060	3217	3334	3420	3552	3420	3334	3217	3060	2911	2813	2609	2491	2502	2441	2480	2488
65	3288	3318	3473	3670	3765	3806	3867	3806	3765	3670	3473	3318	3288	3174	3109	3158	3111	3153	3139
70	2920	3071	3071	3177	3094	3092	2836	3092	3094	3177	3071	3071	2920	3189	3347	3566	3689	3786	3734
75	1139	1600	1507	1404	1261	1136	635	1136	1261	1404	1507	1600	1139	1703	2204	2465	2709	2723	2168
80	151	196	243	164	238	169	140	169	238	164	243	196	151	173	347	235	454	341	310
85	59.6	85.9	116	102	97.3	65.1	53.8	65.1	97.3	102	116	85.9	59.6	47.1	89.4	97.2	191	158	132
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:2019-10-17

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:0.3519A P:75.17W PF:0.9743 Freq:49.99Hz Lamp Flux:10976.7x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-75WoT-NV-L3-00-5070-T501-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	1291	1291	1291	1291	1291														
5	1281	1278	1279	1279	1282														
10	1280	1277	1278	1279	1286														
15	1296	1293	1296	1299	1309														
20	1333	1330	1337	1340	1353														
25	1384	1387	1396	1400	1415														
30	1453	1463	1481	1484	1504														
35	1554	1555	1564	1569	1592														
40	1600	1592	1593	1601	1634														
45	1677	1658	1662	1678	1733														
50	1803	1780	1801	1818	1902														
55	2044	2015	2057	2068	2174														
60	2480	2441	2502	2491	2609														
65	3153	3111	3158	3109	3174														
70	3786	3689	3566	3347	3189														
75	2723	2709	2465	2204	1703														
80	341	454	235	347	173														
85	158	191	97.2	89.4	47.1														
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:2019-10-17

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: