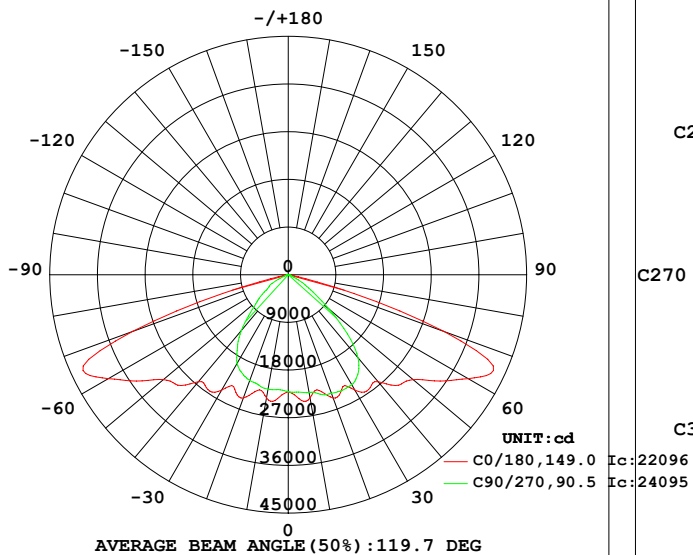
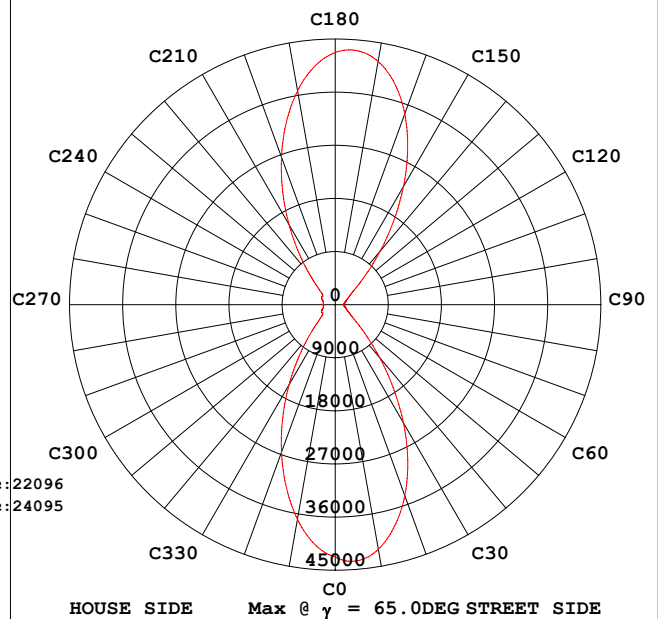


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.0V I:2.658A P:581.0W PF:0.9980 Freq:49.99Hz Lamp Flux:85132.7x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:9.6KG
SPEC.:AOK-580WiNM-NV-Y2-00-5770-T2-P	DIM.: ϕ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 520mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 146.52 lm/W			
MODEL	Y2	I _{max} (cd)	42737	η street_up (%)	0.0
NOMINAL POWER (W)	580	LOR (%)	100.0	η street_down (%)	54.0
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	85133	η house_up (%)	0.0
NOMINAL FLUX (lm)	85132.7	MAXIMUM @ (C, γ)	0,65.0	η house_down (%)	46.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	20.938

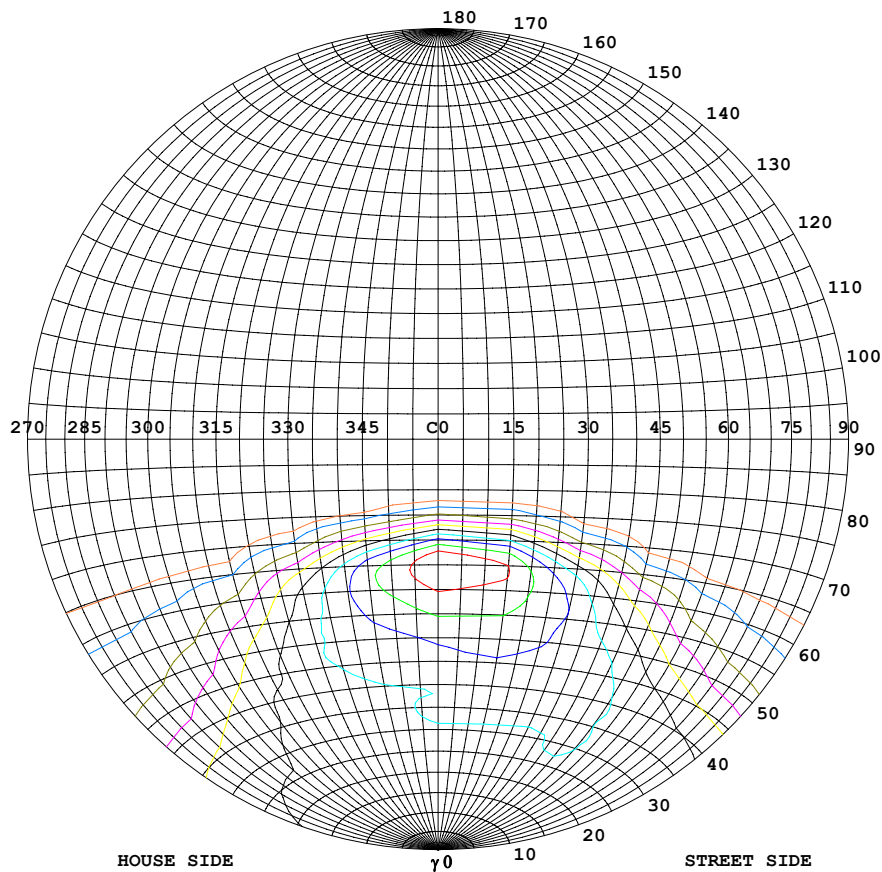
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-01-07

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:219.0V I:2.658A P:581.0W PF:0.9980 Freq:49.99Hz Lamp Flux:85132.7x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:9.6KG
SPEC.:AOK-580WiNM-NV-Y2-00-5770-T2-P	DIM.: Φ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 520mm	Shielding Angle:



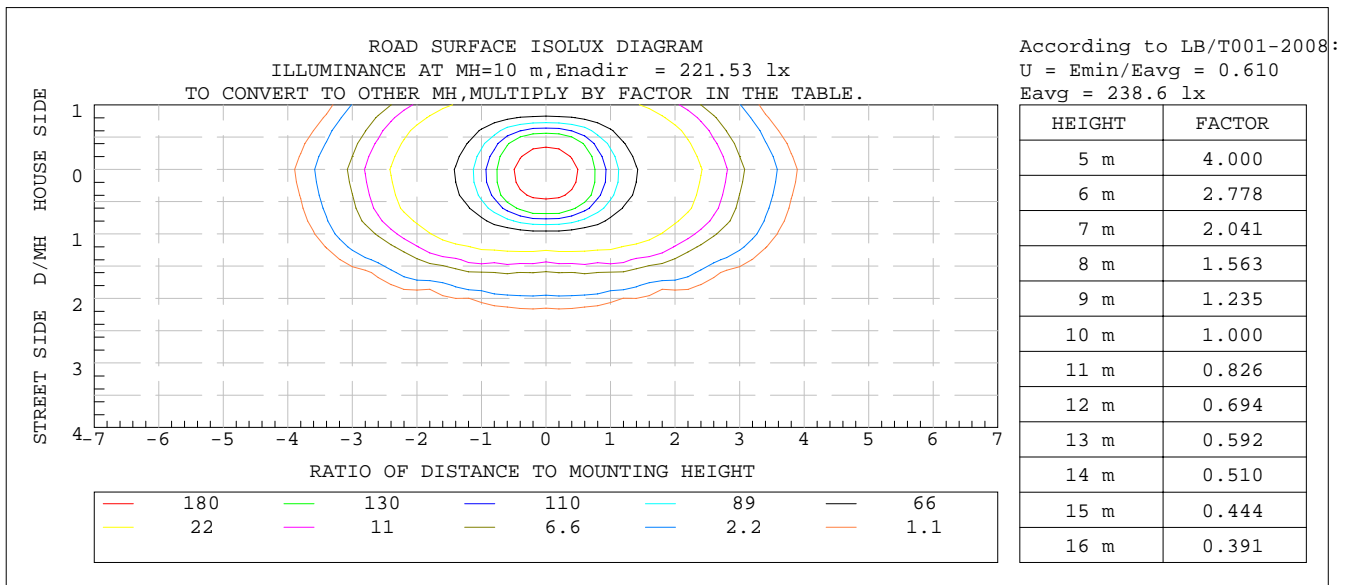
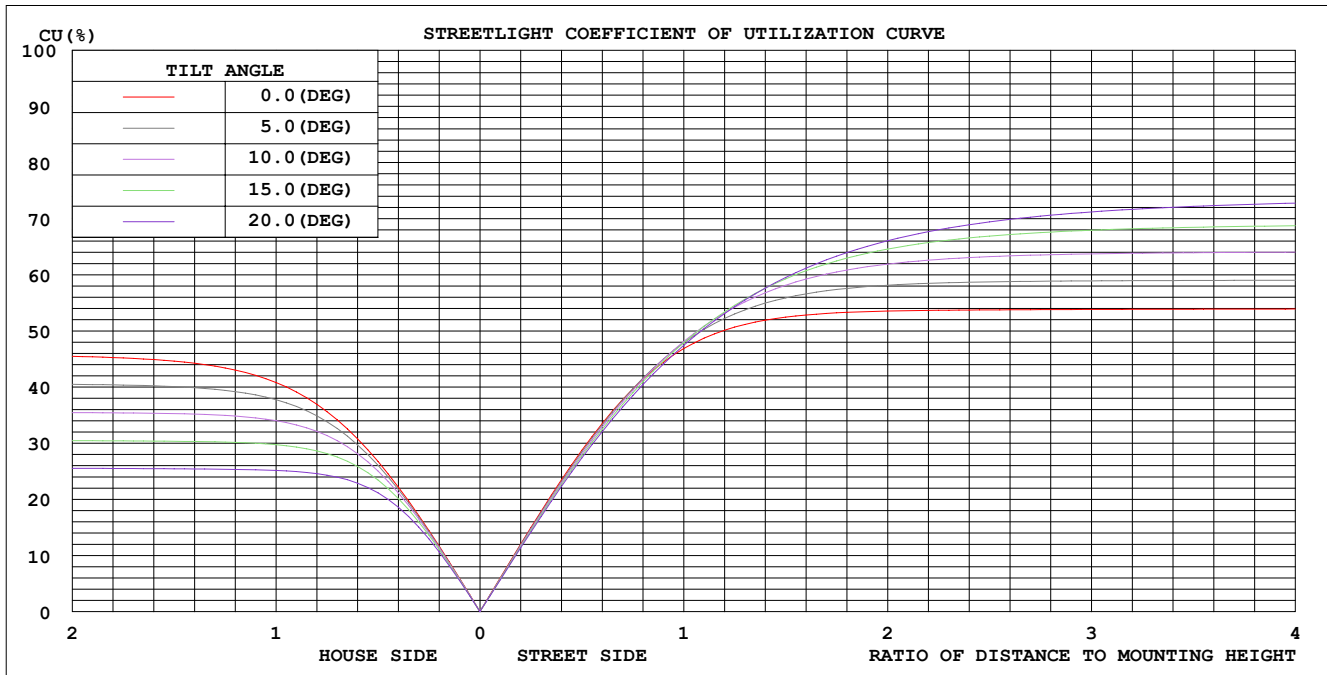
Classification:

IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Full cut-off
 CIE:Full cut-off
 Max.At80:11.33cd/klm
 Max.At90:0cd/klm
 Max.80-90:11.33cd/klm
 NRB 5101:Limited[6.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	42737
90%	38463
80%	34189
70%	29916
60%	25642
50%	21368
40%	17095
30%	12821
20%	8547
10%	4274
5%	2137

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-01-07

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: 2020-01-07

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:219.0V I:2.658A P:581.0W PF:0.9980 Freq:49.99Hz Lamp Flux:85132.7x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:9.6KG
SPEC.:AOK-580WinM-NV-Y2-00-5770-T2-P	DIM.: Φ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 520mm	Shielding Angle:

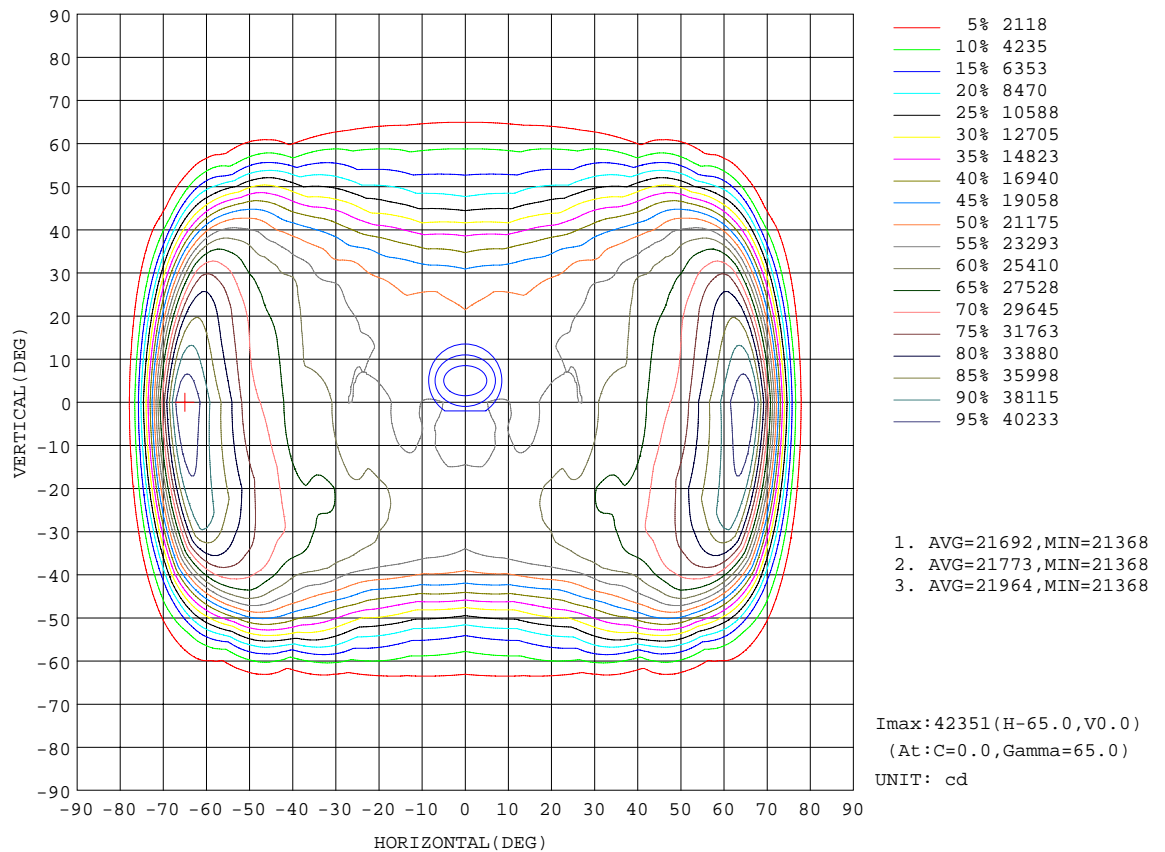
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	2363	2339	2258	2339	2363	2221	2195	2221	0- 10	2136	2136	2.51,2.51
20	2477	2367	2384	2367	2477	2232	2126	2232	10- 20	6471	8607	10.1,10.1
30	2513	2613	2398	2613	2513	2297	1936	2297	20- 30	10883	19490	22.9,22.9
40	2634	2651	2051	2651	2634	2219	1383	2219	30- 40	14805	34296	40.3,40.3
50	3080	2477	1000	2477	3080	1863	747.0	1863	40- 50	16911	51207	60.1,60.1
60	3925	1588	335.0	1588	3925	980.0	404.9	980.0	50- 60	17013	68220	80.1,80.1
70	3121	153.8	59.64	153.8	3121	104.3	65.84	104.3	60- 70	13686	81906	96.2,96.2
80	96.41	35.44	33.01	35.44	96.41	32.48	35.86	32.48	70- 80	2969	84875	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	257.8	85133	100,100
100	0	0	0	0	0	0	0	0	90-100	0	85133	100,100
110	0	0	0	0	0	0	0	0	100-110	0	85133	100,100
120	0	0	0	0	0	0	0	0	110-120	0	85133	100,100
130	0	0	0	0	0	0	0	0	120-130	0	85133	100,100
140	0	0	0	0	0	0	0	0	130-140	0	85133	100,100
150	0	0	0	0	0	0	0	0	140-150	0	85133	100,100
160	0	0	0	0	0	0	0	0	150-160	0	85133	100,100
170	0	0	0	0	0	0	0	0	160-170	0	85133	100,100
180	0	0	0	0	0	0	0	0	170-180	0	85133	100,100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-01-07

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

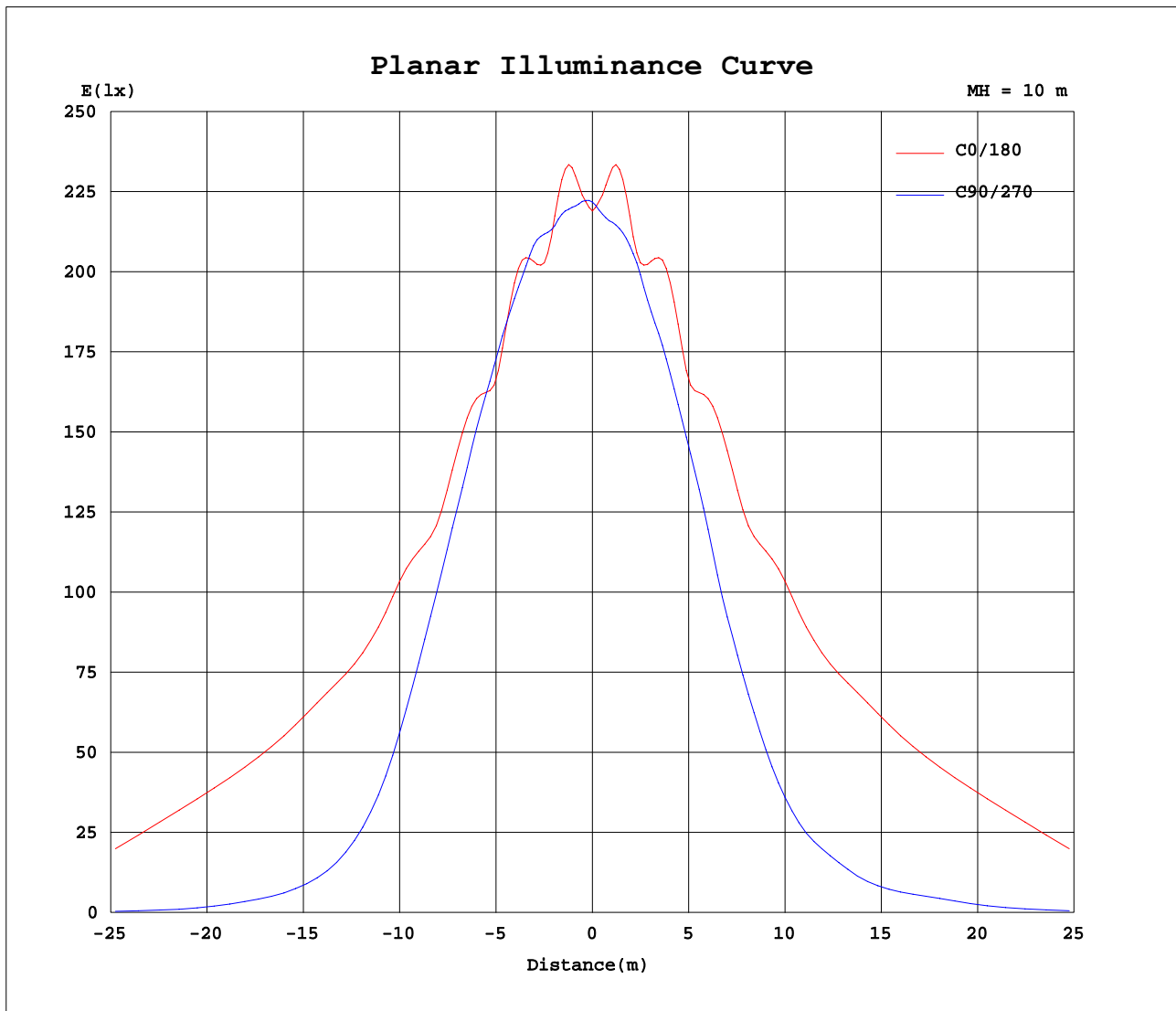
Test:U:219.0V I:2.658A P:581.0W PF:0.9980 Freq:49.99Hz Lamp Flux:85132.7x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:9.6KG
SPEC.:AOK-580WiNM-NV-Y2-00-5770-T2-P	DIM.: Φ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 520mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-01-07

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



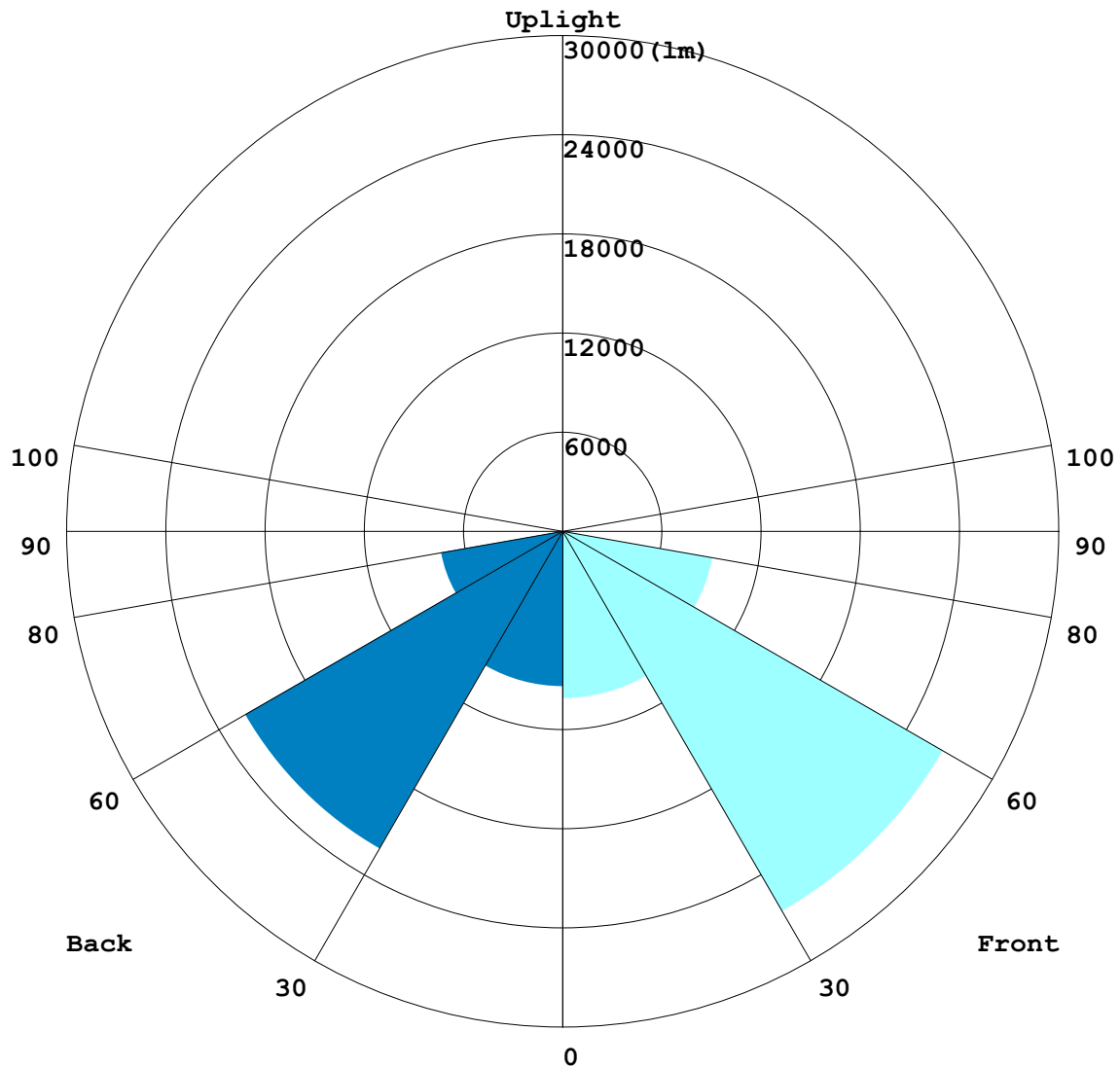
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-01-07

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:219.0V I:2.658A P:581.0W PF:0.9980 Freq:49.99Hz Lamp Flux:85132.7x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:9.6KG
SPEC.:AOK-580WiNM-NV-Y2-00-5770-T2-P	DIM.: ϕ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 520mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-01-07

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:219.0V I:2.658A P:581.0W PF:0.9980 Freq:49.99Hz Lamp Flux:85132.7x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:9.6KG
SPEC.:AOK-580WiNM-NV-Y2-00-5770-T2-P	DIM.: ϕ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 520mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	10109	11.9
FM - Front-Medium(30-60)	26555	31.2
FH - Front-High(60-80)	9198.9	10.8
FVH - Front-Very High(80-90)	135.75	0.2
Total Forward Light	45999	54.0

BL - Back-Low(0-30)	9381.4	11.0
BM - Back-Medium(30-60)	22174	26.0
BH - Back-High(60-80)	7456.1	8.8
BVH - Back-Very High(80-90)	122.04	0.1
Total Back Light	39134	46.0

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-G?
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	39134	0	39134
Street Side	45999	0	45999

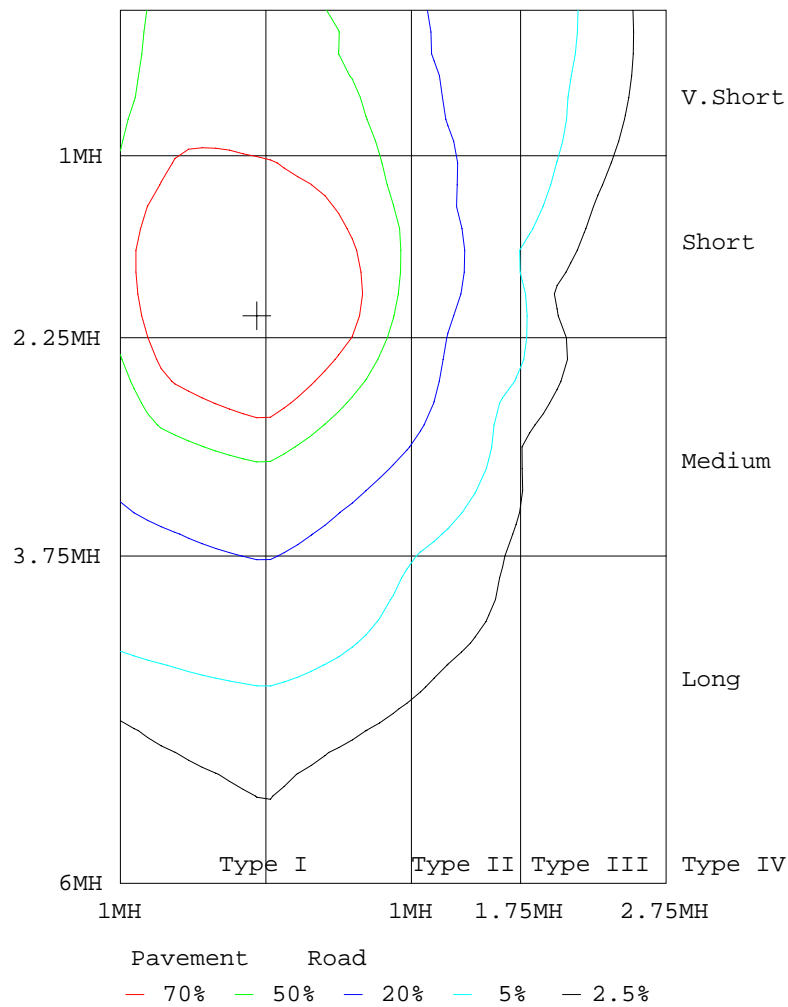
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-01-07

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:219.0V I:2.658A P:581.0W PF:0.9980 Freq:49.99Hz Lamp Flux:85132.7x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:9.6KG
SPEC.:AOK-580WiNM-NV-Y2-00-5770-T2-P	DIM.: Φ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 520mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-01-07

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:219.0V I:2.658A P:581.0W PF:0.9980 Freq:49.99Hz Lamp Flux:85132.7x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:9.6KG
SPEC.:AOK-580WiNM-NV-Y2-00-5770-T2-P	DIM.: ϕ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 520mm	Shielding Angle:

Table--1

UNIT: $\times 10\text{cd}$

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210
5	2347	2331	2287	2233	2213	2218	2223	2218	2213	2233	2287	2331	2347	2152	2132	2133	2146	2166	2176
10	2363	2385	2356	2339	2280	2245	2258	2245	2280	2339	2356	2385	2363	2223	2226	2221	2173	2174	2195
15	2263	2262	2288	2349	2370	2309	2334	2309	2370	2349	2288	2262	2263	2230	2238	2251	2247	2148	2157
20	2477	2448	2403	2367	2476	2387	2384	2387	2476	2367	2403	2448	2477	2283	2253	2232	2206	2161	2126
25	2388	2477	2540	2508	2458	2466	2410	2466	2458	2508	2540	2477	2388	2326	2331	2234	2157	2123	2055
30	2513	2493	2527	2613	2479	2488	2398	2488	2479	2613	2527	2493	2513	2392	2332	2297	2079	2030	1936
35	2647	2708	2731	2601	2500	2407	2291	2407	2500	2601	2731	2708	2647	2495	2410	2215	2008	1771	1673
40	2634	2708	2818	2651	2432	2162	2051	2162	2432	2651	2818	2708	2634	2552	2468	2219	1793	1462	1383
45	2951	2952	2833	2638	2140	1728	1582	1728	2140	2638	2833	2952	2951	2729	2498	2034	1490	1109	1013
50	3080	3156	2967	2477	1692	1178	1000	1178	1692	2477	2967	3156	3080	2853	2505	1863	1139	815	747
55	3500	3458	2991	2109	1162	716	573	716	1162	2109	2991	3458	3500	3063	2444	1479	800	577	512
60	3925	3752	2927	1588	691	407	335	407	691	1588	2927	3752	3925	3300	2249	980	517	391	405
65	4274	3883	2314	757	270	173	138	173	270	757	2314	3883	4274	3203	1565	423	268	210	207
70	3121	2603	915	154	72.3	63.0	59.6	63.0	72.3	154	915	2603	3121	1836	473	104	79.9	69.0	65.8
75	926	635	128	57.4	48.5	44.4	41.4	44.4	48.5	57.4	128	635	926	292	73.3	50.8	49.7	46.4	45.0
80	96.4	65.6	48.0	35.4	34.2	34.1	33.0	34.1	34.2	35.4	48.0	65.6	96.4	56.6	41.3	32.5	36.1	36.3	35.9
85	42.4	35.7	23.0	19.8	22.5	23.4	24.6	23.4	22.5	19.8	23.0	35.7	42.4	29.8	19.7	16.7	21.1	20.7	21.2
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:2020-01-07

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:219.0V I:2.658A P:581.0W PF:0.9980 Freq:49.99Hz Lamp Flux:85132.7x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:9.6KG
SPEC.:AOK-580WiNM-NV-Y2-00-5770-T2-P	DIM.: ϕ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 520mm	Shielding Angle:

Table--2

UNIT: $\times 10\text{cd}$

γ (DEG) \ C (DEG)	285	300	315	330	345														
0	2210	2210	2210	2210	2210														
5	2166	2146	2133	2132	2152														
10	2174	2173	2221	2226	2223														
15	2148	2247	2251	2238	2230														
20	2161	2206	2232	2253	2283														
25	2123	2157	2234	2331	2326														
30	2030	2079	2297	2332	2392														
35	1771	2008	2215	2410	2495														
40	1462	1793	2219	2468	2552														
45	1109	1490	2034	2498	2729														
50	815	1139	1863	2505	2853														
55	577	800	1479	2444	3063														
60	391	517	980	2249	3300														
65	210	268	423	1565	3203														
70	69.0	79.9	104	473	1836														
75	46.4	49.7	50.8	73.3	292														
80	36.3	36.1	32.5	41.3	56.6														
85	20.7	21.1	16.7	19.7	29.8														
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:2020-01-07

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: