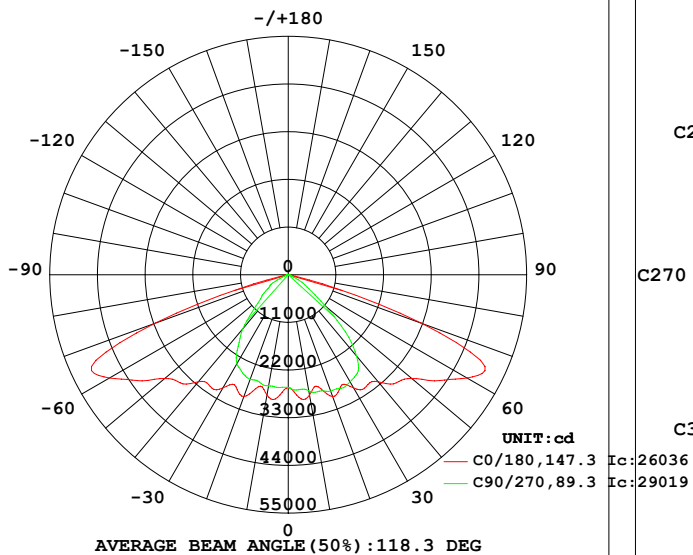
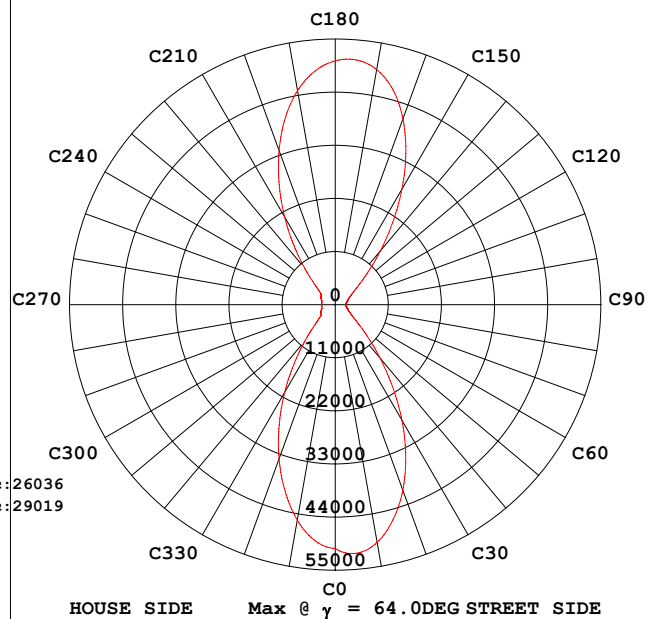


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.9V I:3.239A P:705.0W PF:0.9942 Freq:49.99Hz Lamp Flux:102042x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:26kg
SPEC.:AOK-720WiNM-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: 144.74 lm/W			
MODEL	2525	I _{max} (cd)	50485	η street_up (%)	0.0
NOMINAL POWER (W)	720	LOR (%)	100.0	η street_down (%)	53.8
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	102042	η house_up (%)	0.0
NOMINAL FLUX (lm)	102042	MAXIMUM @ (C, γ)	0,64.0	η house_down (%)	46.2
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	21.233

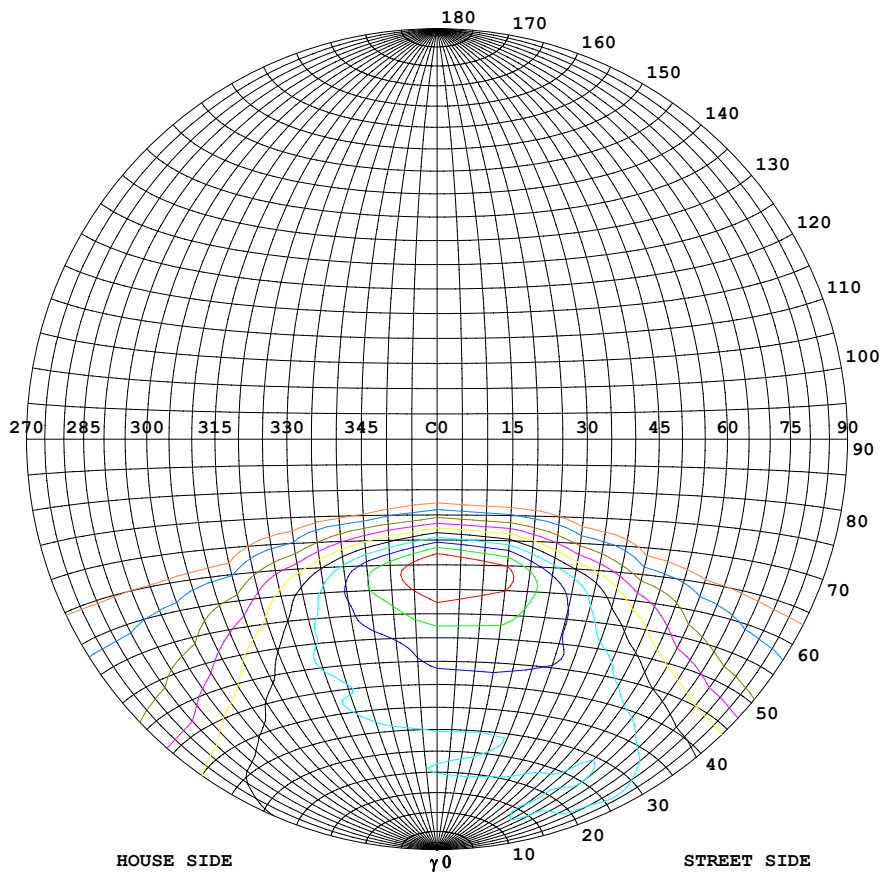
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:218.9V I:3.239A P:705.0W PF:0.9942 Freq:49.99Hz Lamp Flux:102042x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:26kg
SPEC.:AOK-720WiNM-NV-Y2-00-5770-T2-P	DIM.: Φ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 520mm	Shielding Angle:



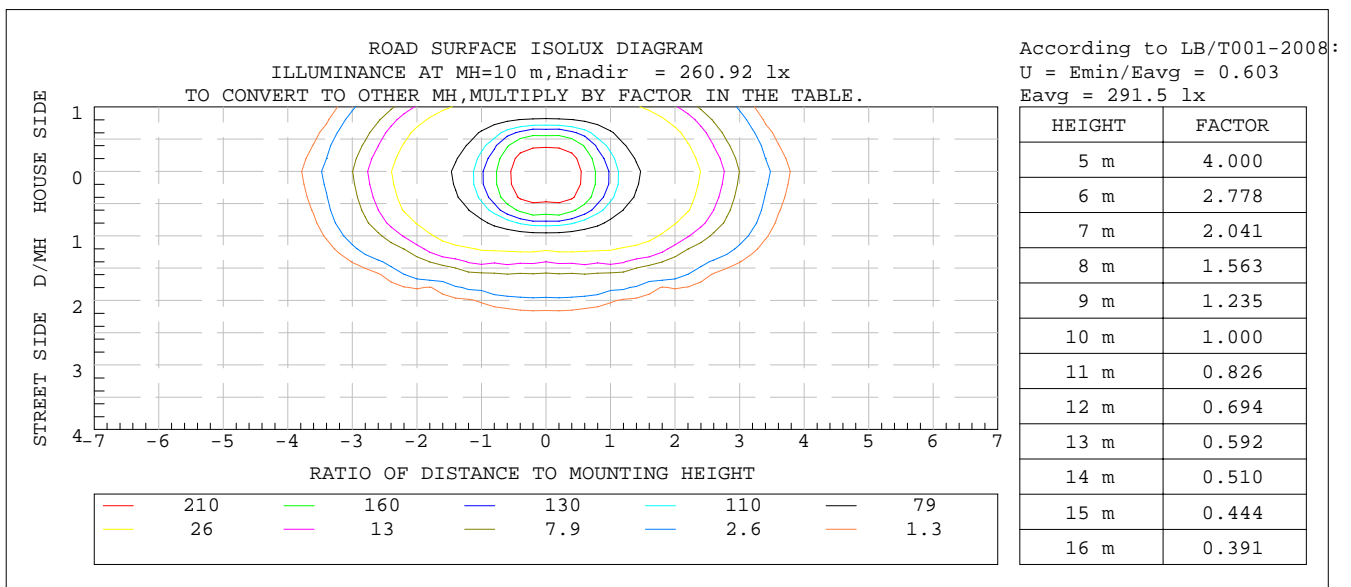
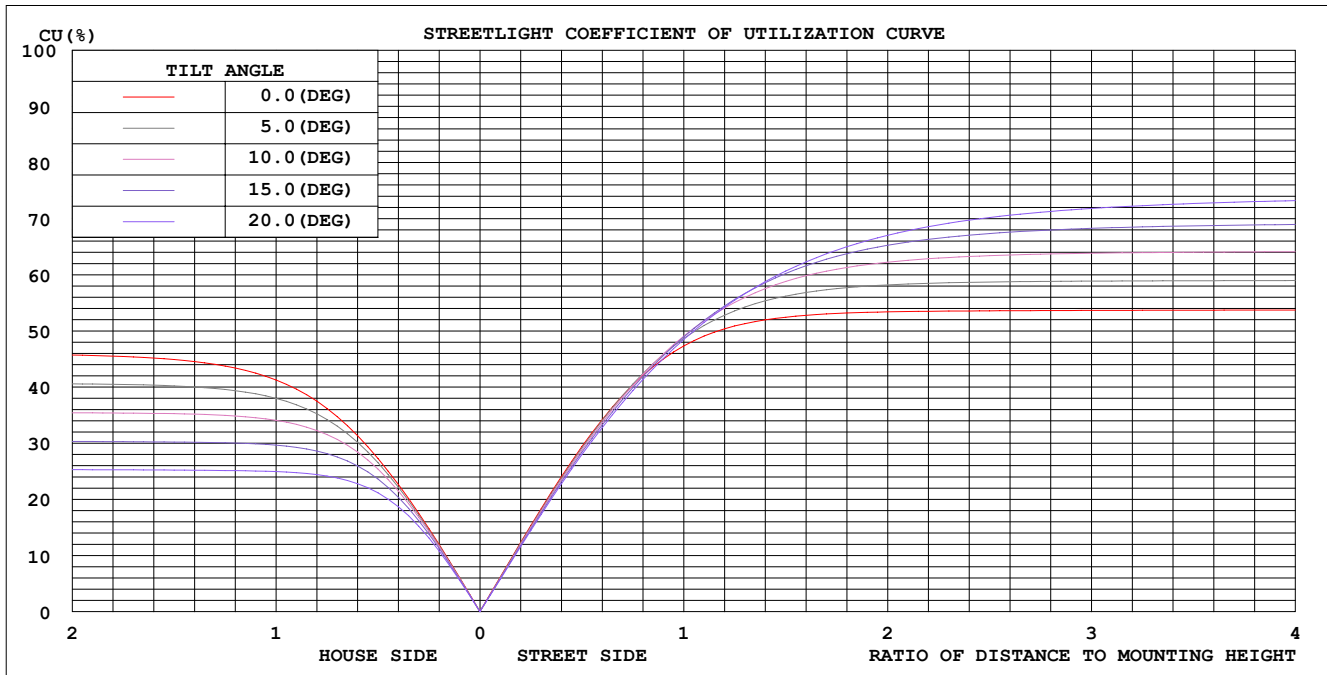
Classification:

IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Full cut-off
 CIE:Full cut-off
 Max.At80:10.07cd/klm
 Max.At90:0cd/klm
 Max.80-90:10.07cd/klm
 NRB 5101:Limited[5.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	50485
90%	45436
80%	40388
70%	35339
60%	30291
50%	25242
40%	20194
30%	15145
20%	10097
10%	5048
5%	2524

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:218.9V I:3.239A P:705.0W PF:0.9942 Freq:49.99Hz Lamp Flux:102042x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:26kg
SPEC.:AOK-720WinM-NV-Y2-00-5770-T2-P	DIM.: ϕ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 520mm	Shielding Angle:

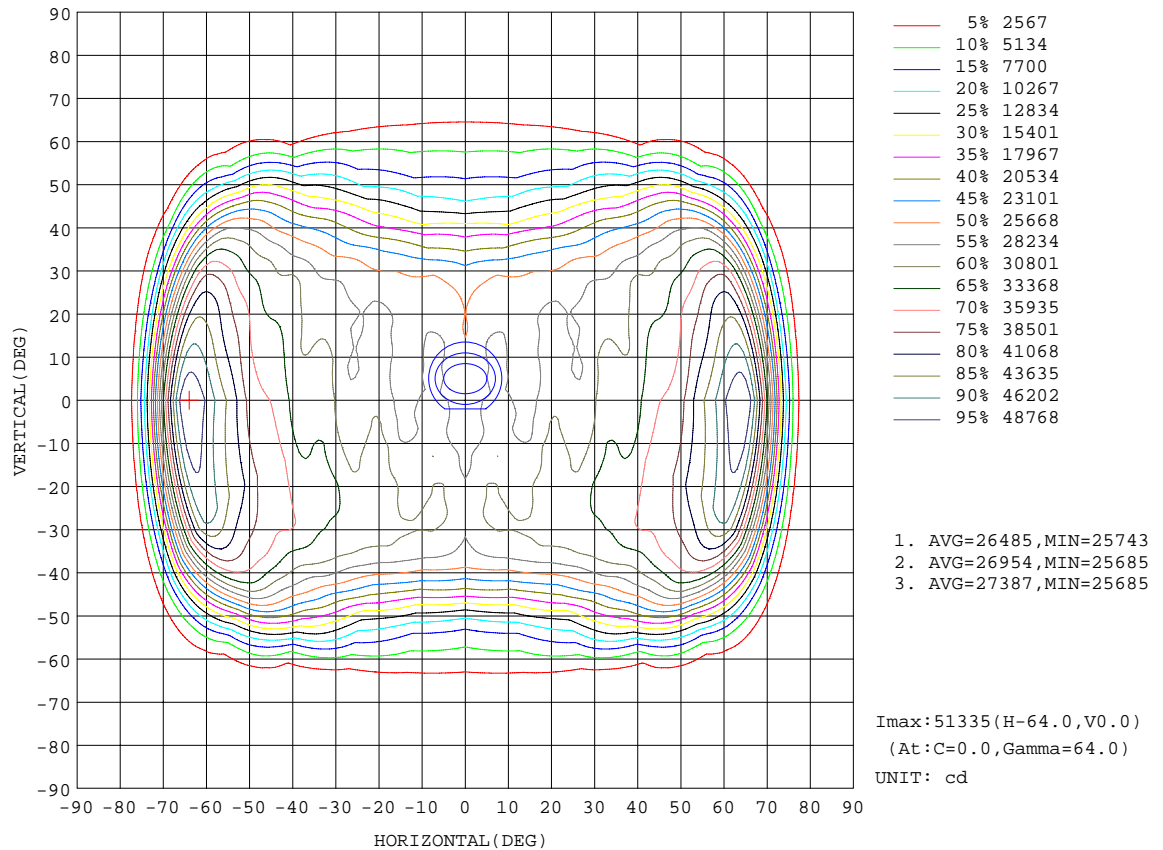
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	2820	2906	2717	2906	2820	2916	2605	2916	0- 10	2655	2655	2.6,2.6
20	2991	2866	2856	2866	2991	2665	2568	2665	10- 20	8026	10682	10.5,10.5
30	3011	3271	2853	3271	3011	2884	2373	2884	20- 30	13496	24178	23.7,23.7
40	3219	3222	2454	3222	3219	2745	1638	2745	30- 40	18195	42373	41.5,41.5
50	3724	2878	1096	2878	3724	2252	812.0	2252	40- 50	20421	62794	61.5,61.5
60	4762	1771	406.4	1771	4762	1171	479.8	1171	50- 60	20282	83076	81.4,81.4
70	3265	146.1	68.75	146.1	3265	110.4	74.34	110.4	60- 70	15745	98821	96.8,96.8
80	102.7	38.05	37.78	38.05	102.7	35.11	42.42	35.11	70- 80	2951	101772	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	269.8	102042	100,100
100	0	0	0	0	0	0	0	0	90-100	0	102042	100,100
110	0	0	0	0	0	0	0	0	100-110	0	102042	100,100
120	0	0	0	0	0	0	0	0	110-120	0	102042	100,100
130	0	0	0	0	0	0	0	0	120-130	0	102042	100,100
140	0	0	0	0	0	0	0	0	130-140	0	102042	100,100
150	0	0	0	0	0	0	0	0	140-150	0	102042	100,100
160	0	0	0	0	0	0	0	0	150-160	0	102042	100,100
170	0	0	0	0	0	0	0	0	160-170	0	102042	100,100
180	0	0	0	0	0	0	0	0	170-180	0	102042	100,100
DEG	LUMINOUS INTENSITY: $\times 10$ 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

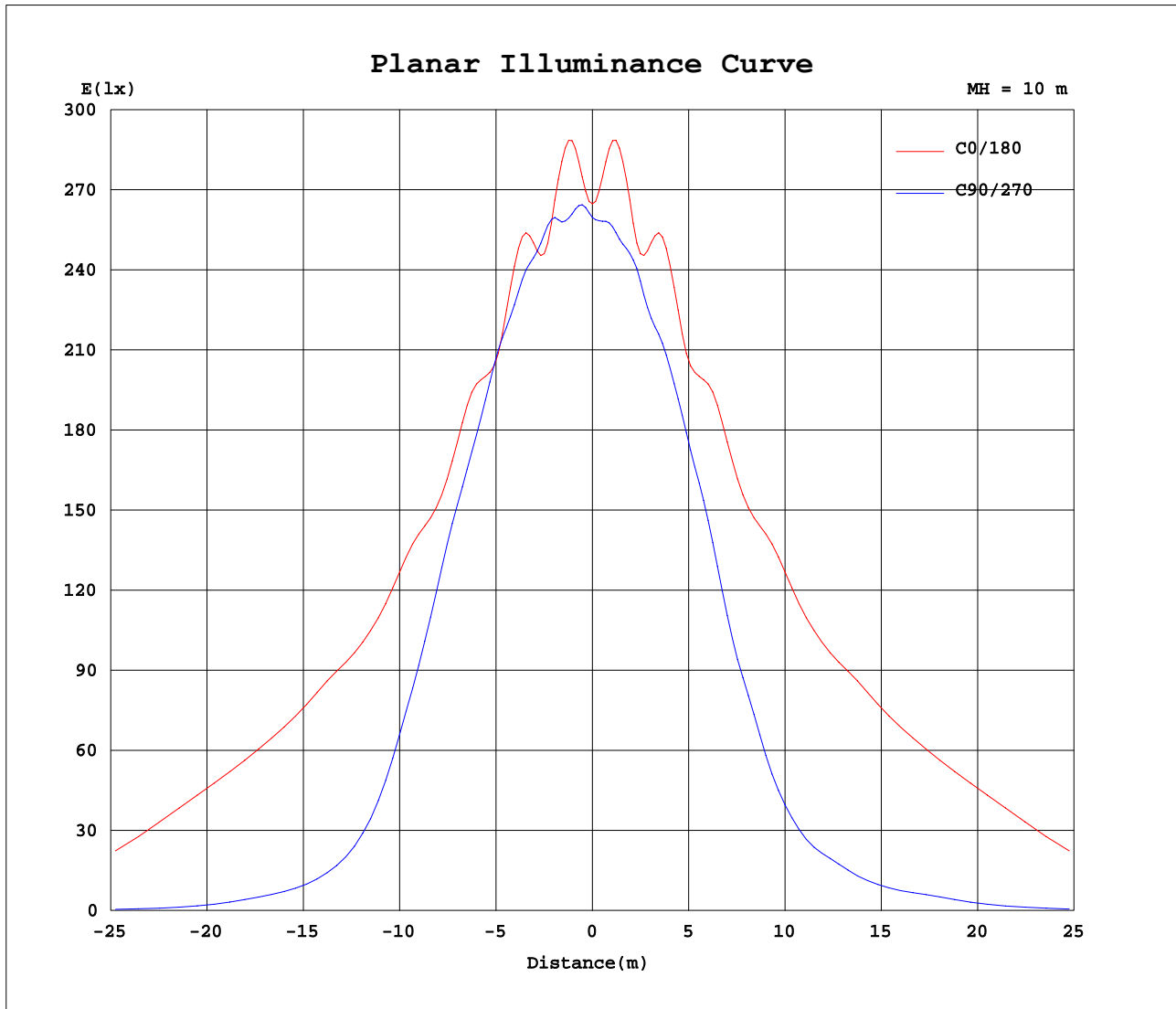
Test:U:218.9V I:3.239A P:705.0W PF:0.9942 Freq:49.99Hz Lamp Flux:102042x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:26kg
SPEC.:AOK-720WiNM-NV-Y2-00-5770-T2-P	DIM.: Φ 550*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 520mm	Shielding Angle:



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



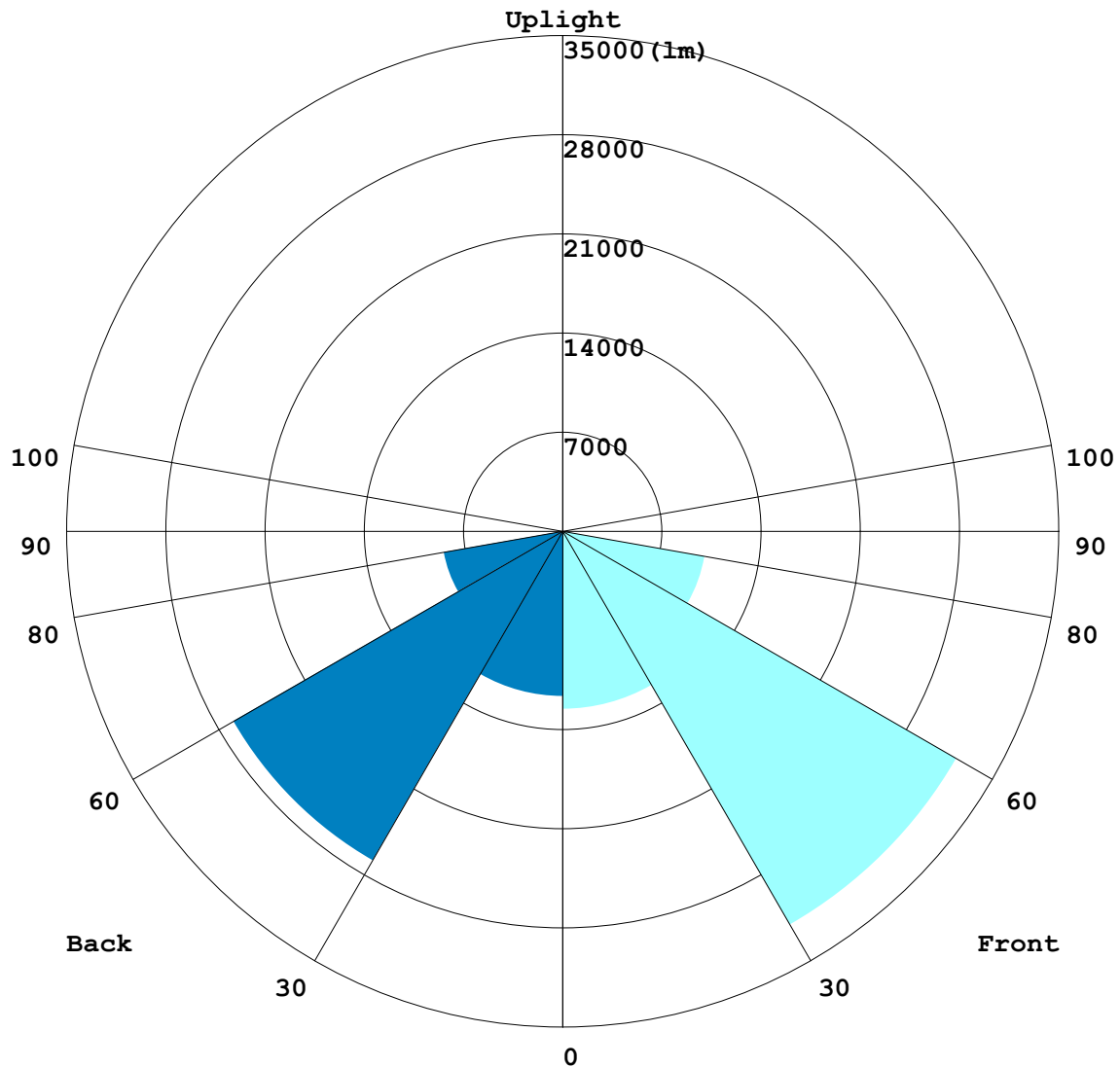
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-01-07

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:218.9V I:3.239A P:705.0W PF:0.9942 Freq:49.99Hz Lamp Flux:102042x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:26kg
SPEC.:AOK-720WiNM-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:218.9V I:3.239A P:705.0W PF:0.9942 Freq:49.99Hz Lamp Flux:102042x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:26kg
SPEC.:AOK-720WiNM-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)	12539	12.3
FM - Front-Medium(30-60)	32077	31.4
FH - Front-High(60-80)	10181	10.0
FVH - Front-Very High(80-90)	141.88	0.1
Total Forward Light	54939	53.8

BL - Back-Low(0-30)	11638	11.4
BM - Back-Medium(30-60)	26821	26.3
BH - Back-High(60-80)	8515.2	8.3
BVH - Back-Very High(80-90)	127.92	0.1
Total Back Light	47103	46.2

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?
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	47103	0	47103
Street Side	54939	0	54939

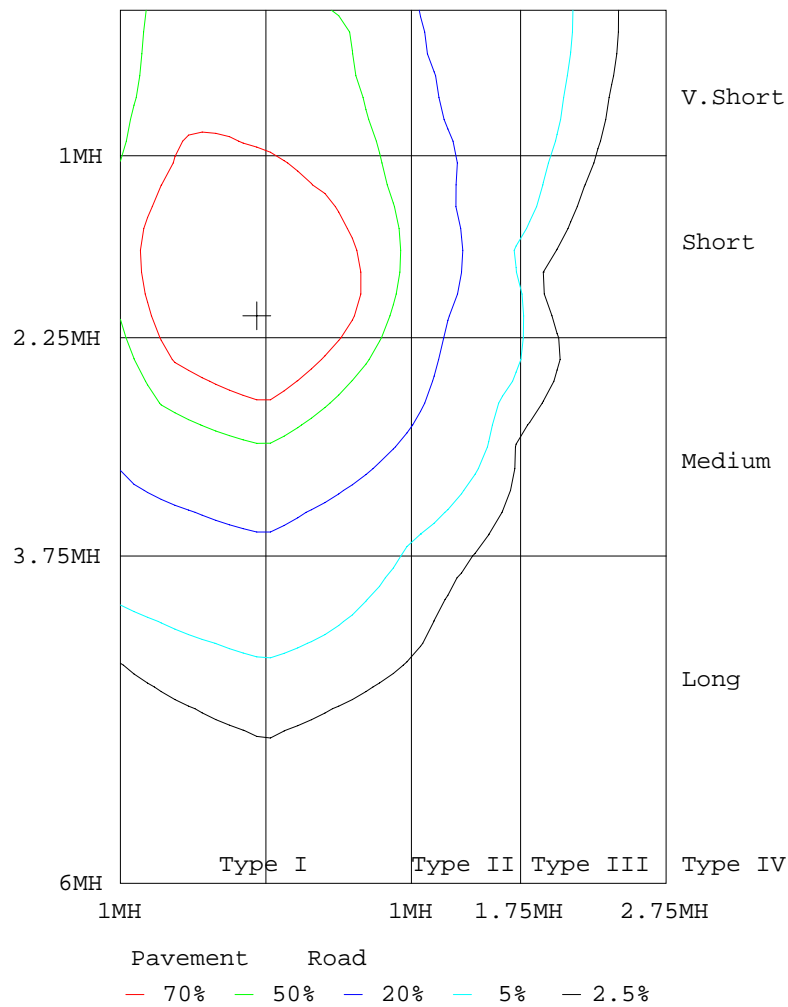
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-01-07

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:218.9V I:3.239A P:705.0W PF:0.9942 Freq:49.99Hz Lamp Flux:102042x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:26kg
SPEC.:AOK-720WinM-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:218.9V I:3.239A P:705.0W PF:0.9942 Freq:49.99Hz Lamp Flux:102042x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:26kg
SPEC.:AOK-720WiNM-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	2604	2604	2604	2604	2604	2604	2604	2604	2604	2604	2604	2604	2604	2604	2604	2604	2604	2604	2604
5	2839	2855	2850	2797	2732	2673	2666	2673	2732	2797	2850	2855	2839	2808	2775	2741	2664	2617	2613
10	2820	2899	2905	2906	2872	2770	2717	2770	2872	2906	2905	2899	2820	2846	2915	2916	2835	2675	2605
15	2678	2721	2710	2943	3072	2917	2781	2917	3072	2943	2710	2721	2678	2656	2658	2809	2949	2778	2566
20	2991	3033	2985	2866	3055	3082	2856	3082	3055	2866	2985	3033	2991	2992	2883	2665	2764	2827	2568
25	2855	2940	3168	3123	2946	3169	2891	3169	2946	3123	3168	2940	2855	2888	2992	2886	2617	2767	2500
30	3011	3008	3031	3271	3041	3129	2853	3129	3041	3271	3031	3008	3011	2979	2826	2884	2618	2576	2373
35	3141	3309	3314	3146	3093	2976	2774	2976	3093	3146	3314	3309	3141	3181	3021	2715	2527	2179	2018
40	3219	3290	3400	3222	2955	2593	2454	2593	2955	3222	3400	3290	3219	3128	3019	2745	2214	1739	1638
45	3528	3640	3476	3134	2506	2028	1872	2028	2506	3134	3476	3640	3528	3418	3094	2486	1768	1281	1122
50	3724	3770	3545	2878	1955	1325	1096	1325	1955	2878	3545	3770	3724	3486	3046	2252	1363	928	812
55	4258	4139	3529	2430	1266	768	632	768	1266	2430	3529	4139	4258	3797	2955	1744	934	654	598
60	4762	4495	3416	1771	757	458	406	458	757	1771	3416	4495	4762	4082	2713	1171	611	450	480
65	5009	4470	2459	754	290	202	173	202	290	754	2459	4470	5009	3811	1830	482	291	241	231
70	3265	2629	871	146	76.6	70.6	68.7	70.6	76.6	146	871	2629	3265	1959	542	110	84.7	76.1	74.3
75	826	535	116	61.1	53.7	51.0	47.7	51.0	53.7	61.1	116	535	826	283	85.9	56.6	57.0	53.4	51.9
80	103	67.8	50.4	38.1	39.1	39.3	37.8	39.3	39.1	38.1	50.4	67.8	103	62.4	44.7	35.1	41.2	43.1	42.4
85	39.1	36.5	22.1	20.8	24.6	25.8	27.9	25.8	24.6	20.8	22.1	36.5	39.1	28.8	19.5	17.4	22.8	24.5	25.7
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:218.9V I:3.239A P:705.0W PF:0.9942 Freq:49.99Hz Lamp Flux:102042x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:26kg
SPEC.:AOK-720WiNM-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	2604	2604	2604	2604	2604														
5	2617	2664	2741	2775	2808														
10	2675	2835	2916	2915	2846														
15	2778	2949	2809	2658	2656														
20	2827	2764	2665	2883	2992														
25	2767	2617	2886	2992	2888														
30	2576	2618	2884	2826	2979														
35	2179	2527	2715	3021	3181														
40	1739	2214	2745	3019	3128														
45	1281	1768	2486	3094	3418														
50	928	1363	2252	3046	3486														
55	654	934	1744	2955	3797														
60	450	611	1171	2713	4082														
65	241	291	482	1830	3811														
70	76.1	84.7	110	542	1959														
75	53.4	57.0	56.6	85.9	283														
80	43.1	41.2	35.1	44.7	62.4														
85	24.5	22.8	17.4	19.5	28.8														
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
 γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks: