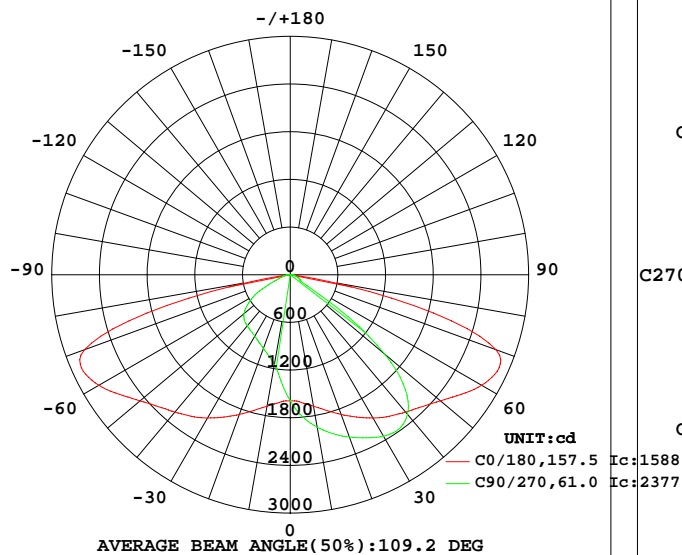
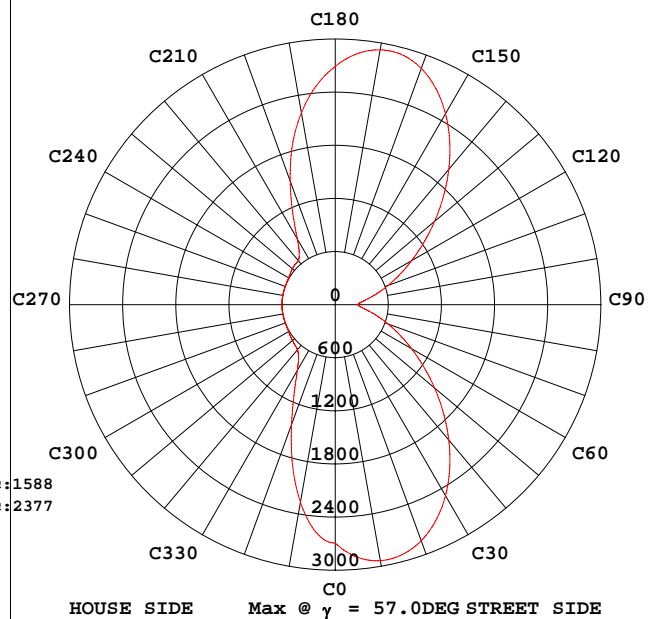


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:43.18V I:0.8100A P:34.98W PF:1.000 Freq:0Hz Lamp Flux:6896.37x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T203-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 197.16 lm/W			
MODEL	5050	I _{max} (cd)	2922	η street_up(%)	0.0
NOMINAL POWER(W)	35	LOR(%)	100.0	η street_down(%)	64.9
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	6896	η house_up(%)	0.0
NOMINAL FLUX(lm)	6896.37	MAXIMUM @(C,γ)	15,57.0	η house_down(%)	35.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.656

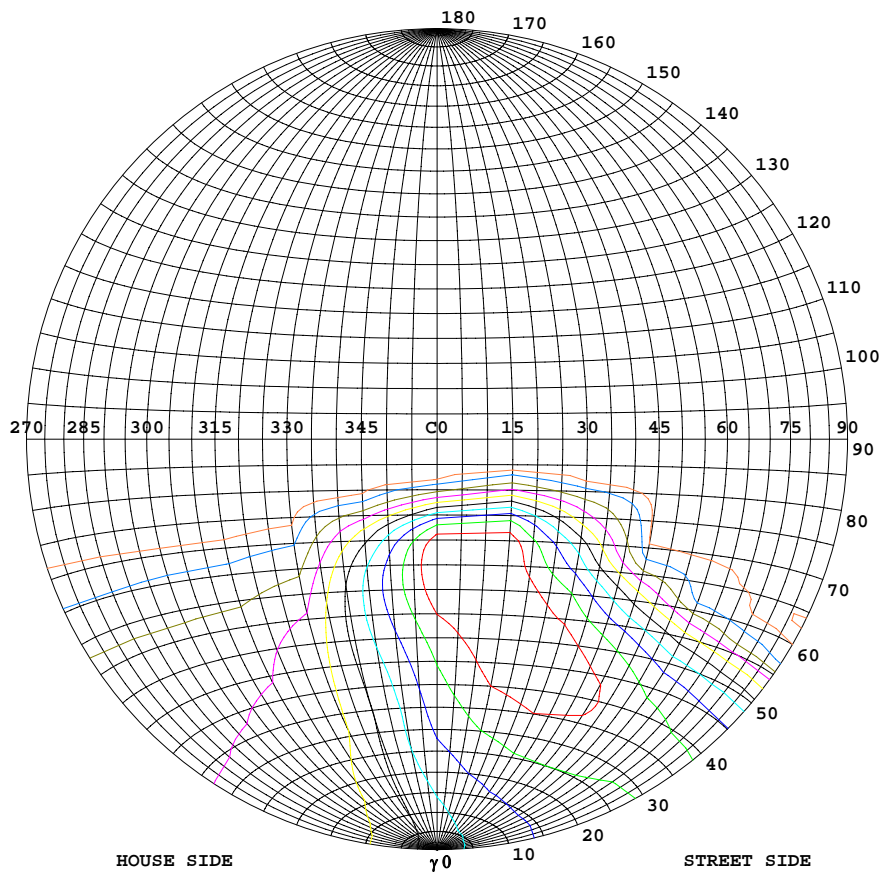
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.802m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:43.18V I:0.8100A P:34.98W PF:1.000 Freq:0Hz Lamp Flux:6896.37x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T203-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:



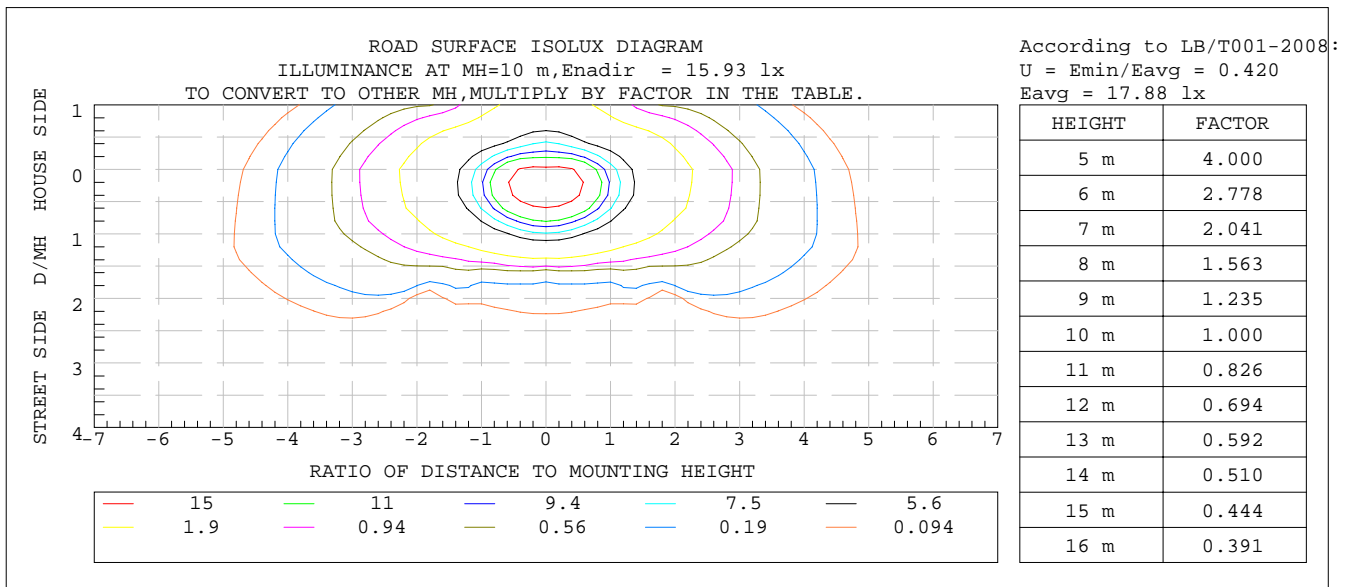
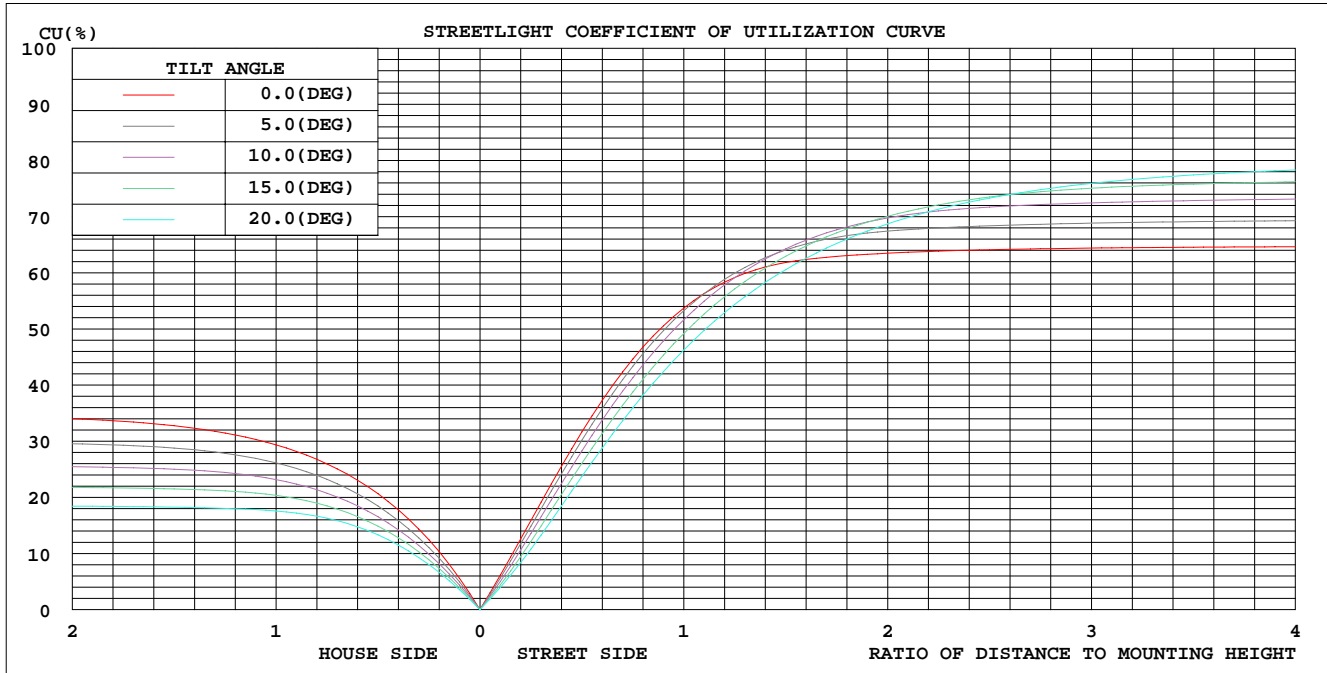
Classification:

IES:Type II - Short
 CIE:Narrow - Short
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:132.5cd/klm
 Max.At90:0cd/klm
 Max.80-90:132.5cd/klm
 NRB 5101:Semi limited[27.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2922
90%	2630
80%	2338
70%	2046
60%	1753
50%	1461
40%	1169
30%	877
20%	584
10%	292
5%	146

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.802m [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: 2020-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.802m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:43.18V I:0.8100A P:34.98W PF:1.000 Freq:0Hz Lamp Flux:6896.37x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T203-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

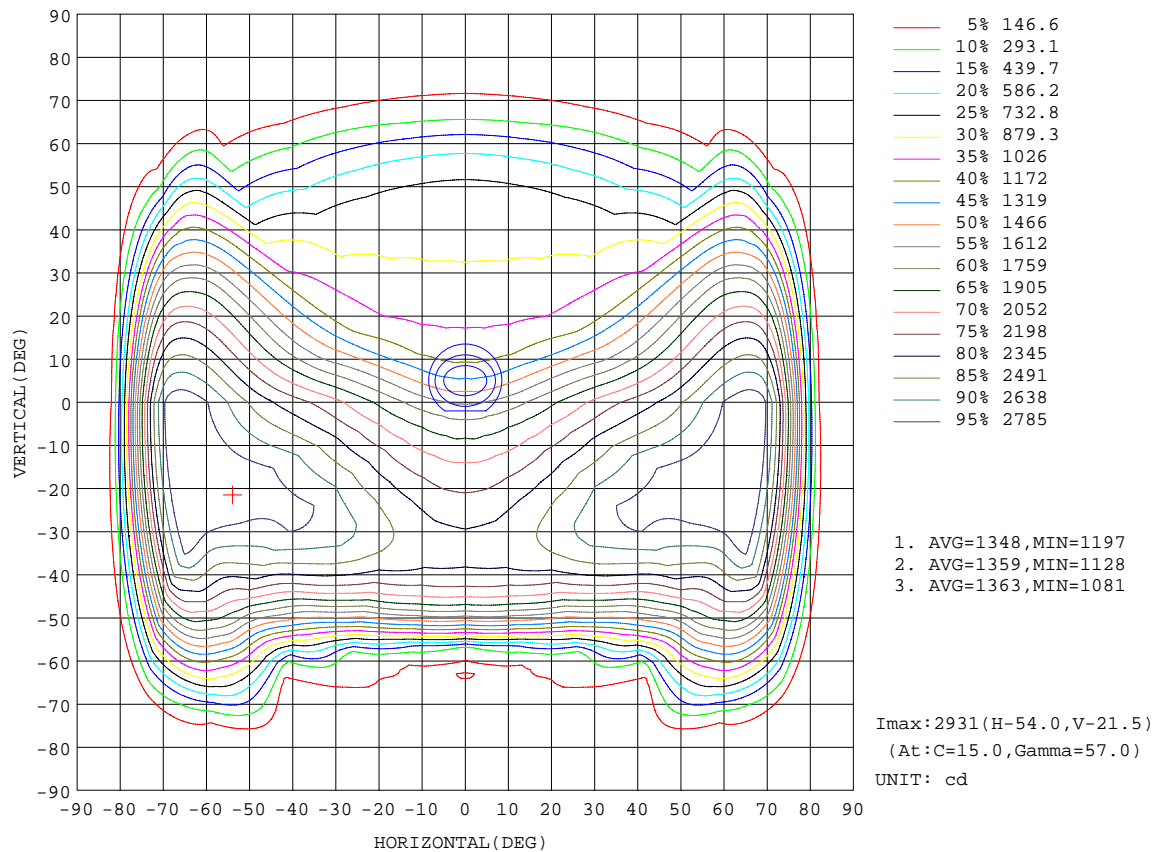
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1680	1902	1946	1902	1680	1289	1149	1289	0- 10	152.1	152.1	2.21,2.21
20	1871	2182	2172	2182	1871	1114	988.7	1114	10- 20	467.4	619.5	8.98,8.98
30	2081	2477	2346	2477	2081	1005	893.3	1005	20- 30	806.0	1426	20.7,20.7
40	2257	2658	2295	2658	2257	916.8	841.1	916.8	30- 40	1144	2570	37.3,37.3
50	2469	2352	1550	2352	2469	802.3	758.9	802.3	40- 50	1383	3952	57.3,57.3
60	2783	1385	145.5	1385	2783	548.5	514.2	548.5	50- 60	1313	5265	76.3,76.3
70	2749	155.9	112.3	155.9	2749	187.6	171.5	187.6	60- 70	1008	6273	91,91
80	491.3	87.84	54.89	87.84	491.3	57.62	74.55	57.62	70- 80	561.1	6834	99.1,99.1
90	0	0	0	0	0	0	0	0	80- 90	62.35	6896	100,100
100	0	0	0	0	0	0	0	0	90-100	0	6896	100,100
110	0	0	0	0	0	0	0	0	100-110	0	6896	100,100
120	0	0	0	0	0	0	0	0	110-120	0	6896	100,100
130	0	0	0	0	0	0	0	0	120-130	0	6896	100,100
140	0	0	0	0	0	0	0	0	130-140	0	6896	100,100
150	0	0	0	0	0	0	0	0	140-150	0	6896	100,100
160	0	0	0	0	0	0	0	0	150-160	0	6896	100,100
170	0	0	0	0	0	0	0	0	160-170	0	6896	100,100
180	0	0	0	0	0	0	0	0	170-180	0	6896	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:2020-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.802m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

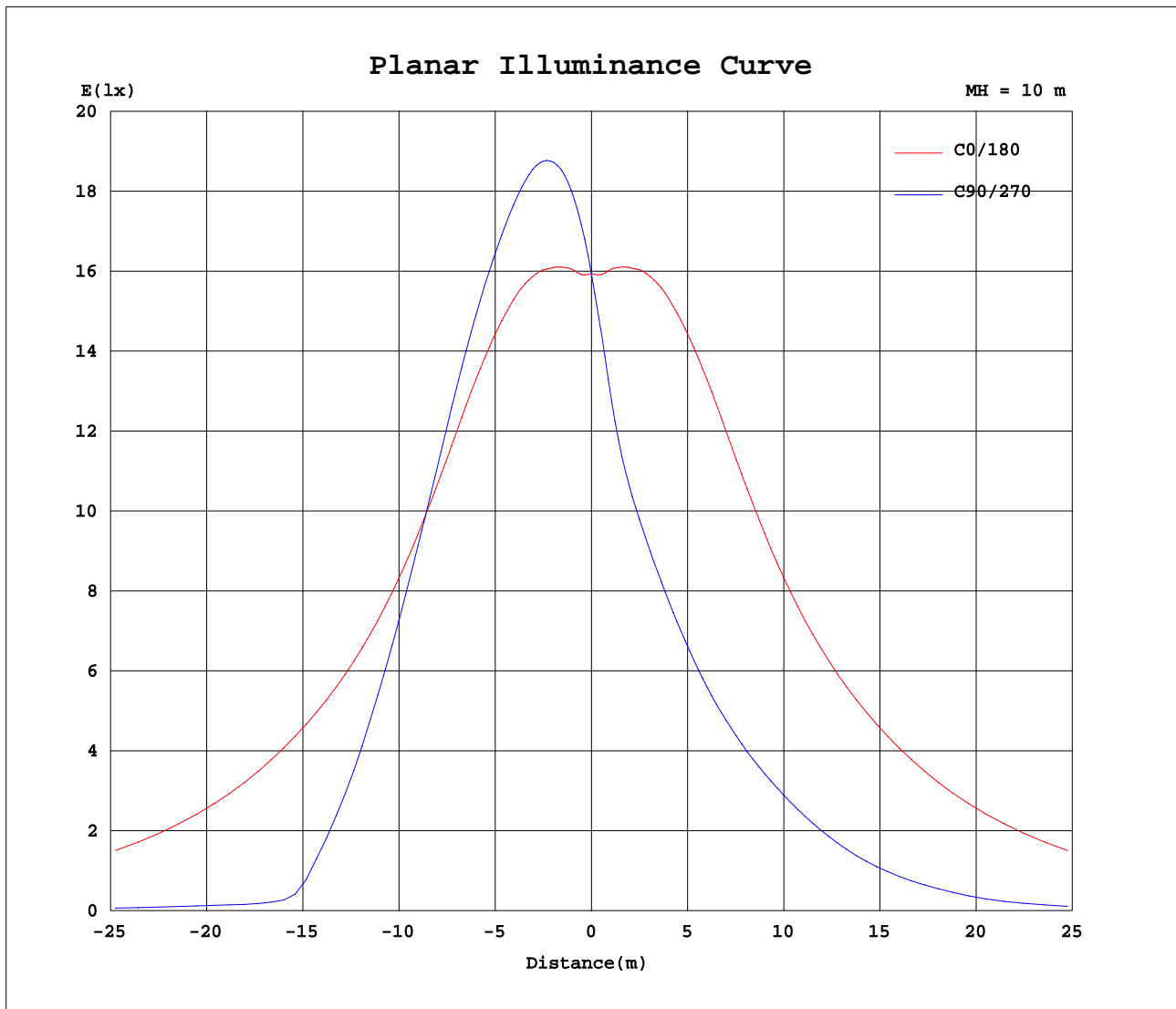
Test:U:43.18V I:0.8100A P:34.98W PF:1.000 Freq:0Hz Lamp Flux:6896.37x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T203-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-10-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.802m [K=1.0000]
Remarks:

Planar Illuminance Curve



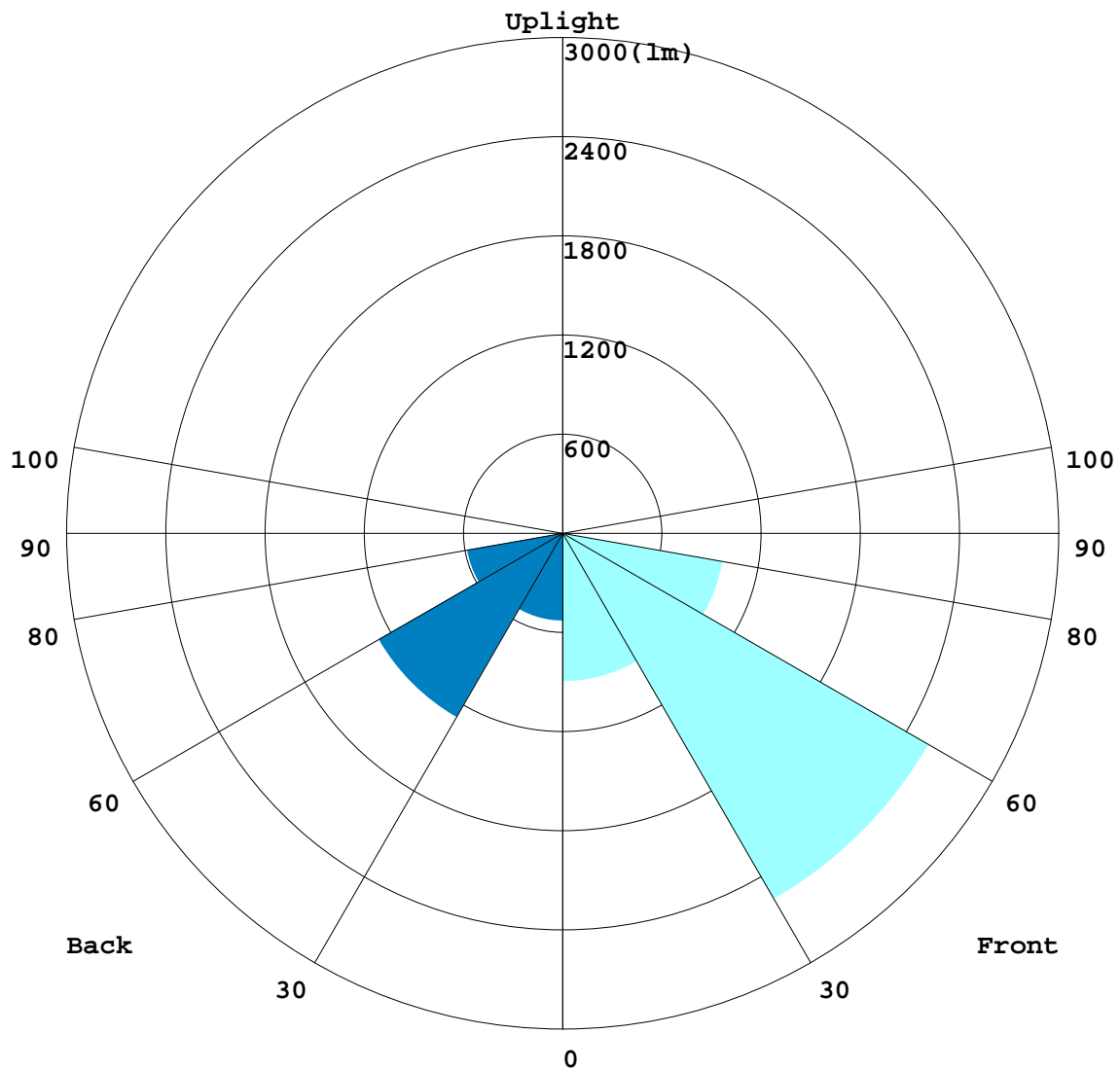
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.802m [K=1.0000]
Remarks:

LCS REPORT

Test:U:43.18V I:0.8100A P:34.98W PF:1.000 Freq:0Hz Lamp Flux:6896.37x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T203-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.802m [K=1.0000]
Remarks:

BUG REPORT

Test:U:43.18V I:0.8100A P:34.98W PF:1.000 Freq:0Hz Lamp Flux:6896.37x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T203-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	896.06	13.0
FM - Front-Medium(30-60)	2555.1	37.0
FH - Front-High(60-80)	982.49	14.2
FVH - Front-Very High(80-90)	43.122	0.6
Total Forward Light	4476.8	64.9

BL - Back-Low(0-30)	529.49	7.7
BM - Back-Medium(30-60)	1284.3	18.6
BH - Back-High(60-80)	586.53	8.5
BVH - Back-Very High(80-90)	19.23	0.3
Total Back Light	2419.6	35.1

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	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2419.6	0	2419.6
Street Side	4476.8	0	4476.8

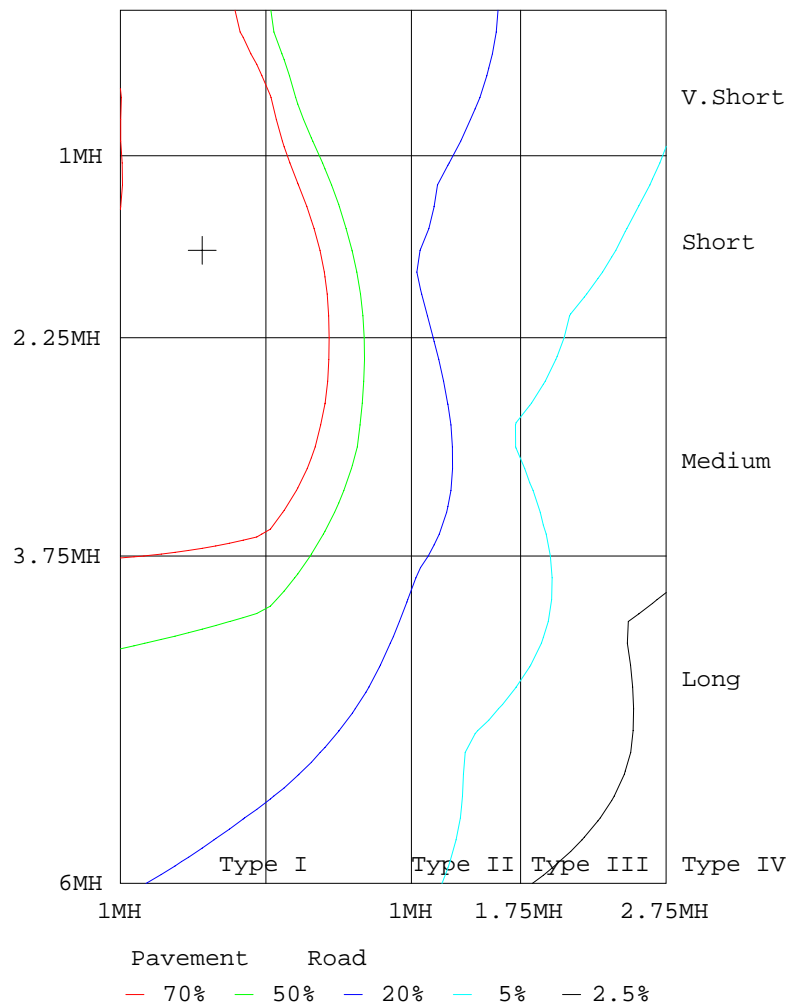
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-10-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.802m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:43.18V I:0.8100A P:34.98W PF:1.000 Freq:0Hz Lamp Flux:6896.37x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T203-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.802m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:43.18V I:0.8100A P:34.98W PF:1.000 Freq:0Hz Lamp Flux:6896.37x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T203-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	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	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588	1588
5	1613	1667	1714	1745	1767	1786	1793	1786	1767	1745	1714	1667	1613	1548	1483	1428	1381	1349	1341
10	1680	1779	1853	1902	1927	1939	1946	1939	1927	1902	1853	1779	1680	1557	1415	1289	1202	1162	1149
15	1769	1900	1991	2042	2062	2070	2070	2070	2062	2042	1991	1900	1769	1586	1364	1188	1103	1068	1054
20	1871	2038	2138	2182	2190	2183	2172	2183	2190	2182	2138	2038	1871	1619	1307	1114	1034	1002	989
25	1975	2178	2294	2333	2314	2285	2264	2285	2314	2333	2294	2178	1975	1641	1236	1054	978	949	935
30	2081	2325	2457	2477	2422	2369	2346	2369	2422	2477	2457	2325	2081	1637	1183	1005	934	907	893
35	2173	2475	2613	2596	2480	2398	2376	2398	2480	2596	2613	2475	2173	1626	1151	964	896	875	864
40	2257	2620	2740	2658	2432	2326	2295	2326	2432	2658	2740	2620	2257	1658	1122	917	861	848	841
45	2347	2745	2808	2579	2236	2109	2051	2109	2236	2579	2808	2745	2347	1717	1086	868	820	817	815
50	2469	2847	2749	2352	1889	1670	1550	1670	1889	2352	2749	2847	2469	1792	1023	802	761	760	759
55	2625	2914	2574	1949	1297	904	693	904	1297	1949	2574	2914	2625	1858	916	698	660	654	655
60	2783	2901	2338	1385	491	168	146	168	491	1385	2338	2901	2783	1872	744	548	518	510	514
65	2874	2841	1963	690	151	144	142	144	151	690	1963	2841	2874	1754	515	368	345	316	311
70	2749	2773	1583	156	133	118	112	118	133	156	1583	2773	2749	1424	277	188	167	167	172
75	1867	2128	1003	128	89.8	70.3	69.5	70.3	89.8	128	1003	2128	1867	757	116	99.9	104	100	100
80	491	914	366	87.8	52.9	55.7	54.9	55.7	52.9	87.8	366	914	491	118	58.5	57.6	69.6	74.8	74.5
85	40.3	77.9	45.2	32.5	36.1	41.8	39.8	41.8	36.1	32.5	45.2	77.9	40.3	20.9	19.0	28.2	38.5	40.2	40.7
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:2020-10-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.802m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:43.18V I:0.8100A P:34.98W PF:1.000 Freq:0Hz Lamp Flux:6896.37x1 lm		
NAME: AOK SE	TYPE:LED STREET LIGHT	WEIGHT:
SPEC.:AOK-35WSE-DC-L5-00-5070-T203-P	DIM.: 560*240*200mm	SERIAL No.:
MFR.: AOK	SUR.:235*70mm*2	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1588	1588	1588	1588	1588														
5	1349	1381	1428	1483	1548														
10	1162	1202	1289	1415	1557														
15	1068	1103	1188	1364	1586														
20	1002	1034	1114	1307	1619														
25	949	978	1054	1236	1641														
30	907	934	1005	1183	1637														
35	875	896	964	1151	1626														
40	848	861	917	1122	1658														
45	817	820	868	1086	1717														
50	760	761	802	1023	1792														
55	654	660	698	916	1858														
60	510	518	548	744	1872														
65	316	345	368	515	1754														
70	167	167	188	277	1424														
75	100	104	99.9	116	757														
80	74.8	69.6	57.6	58.5	118														
85	40.2	38.5	28.2	19.0	20.9														
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:2020-10-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.802m [K=1.0000]
 Remarks: