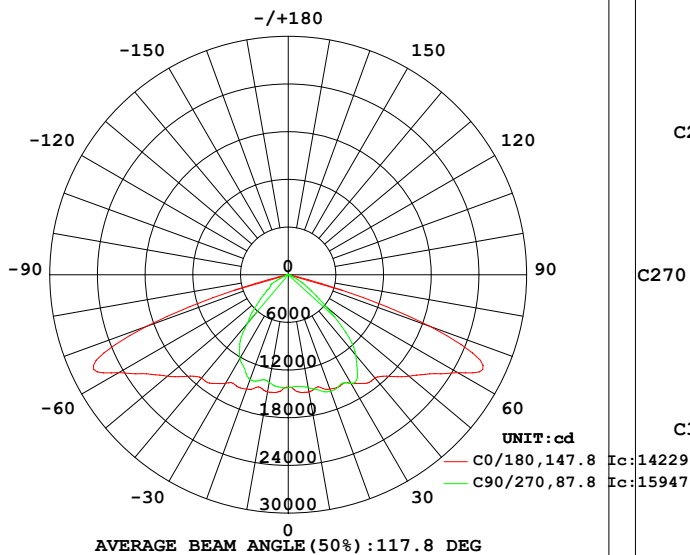
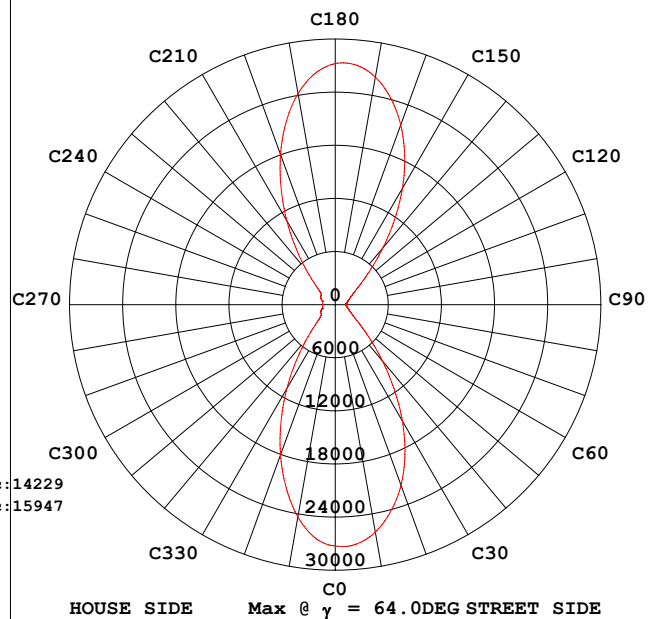


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:1.724A P:374.9W PF:0.9923 Freq:49.99Hz Lamp Flux:54040.1x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:8.5KG
SPEC.:AOK-380WiNM-NV-Y2-00-5770-T2-P	DIM.: Φ 460*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 410mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 144.16 lm/W			
MODEL	Y2	I _{max} (cd)	27236	η street_up (%)	0.0
NOMINAL POWER (W)	380	LOR (%)	100.0	η street_down (%)	54.1
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	54040	η house_up (%)	0.0
NOMINAL FLUX (lm)	54040.1	MAXIMUM @ (C, γ)	180, 64.0	η house_down (%)	45.9
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	19.980

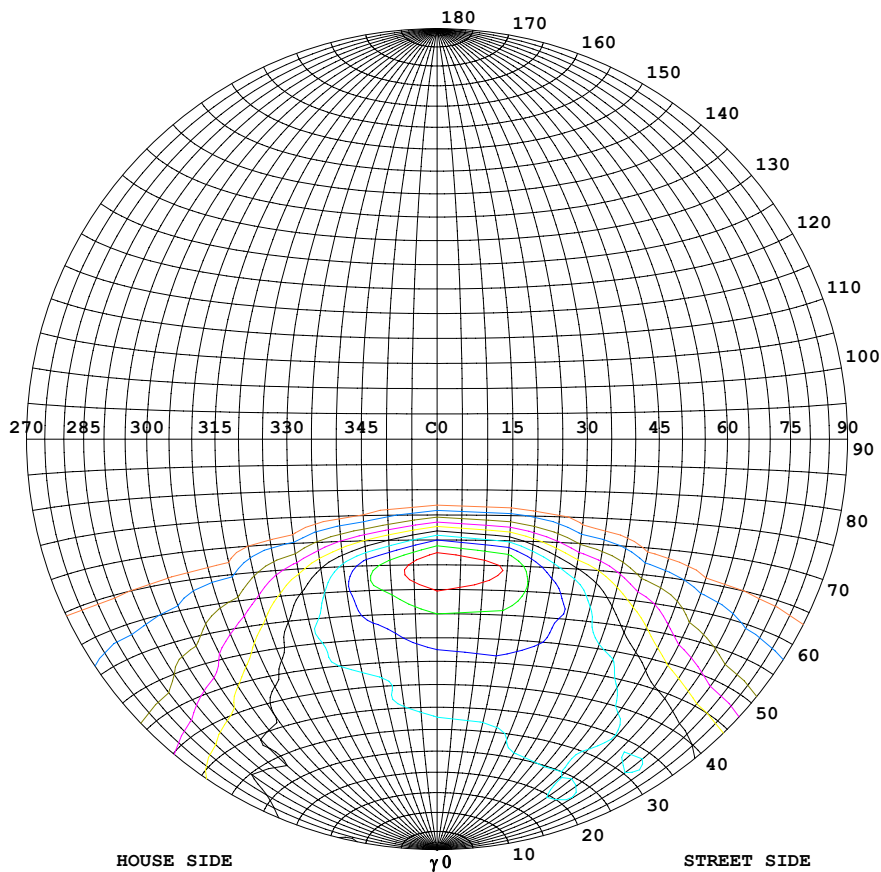
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:219.1V I:1.724A P:374.9W PF:0.9923 Freq:49.99Hz Lamp Flux:54040.1x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:8.5KG
SPEC.:AOK-380WiNM-NV-Y2-00-5770-T2-P	DIM.: $\Phi 460 \times 200$ mm	SERIAL No.:
MFR.: AOK	SUR.: $\Phi 410$ mm	Shielding Angle:



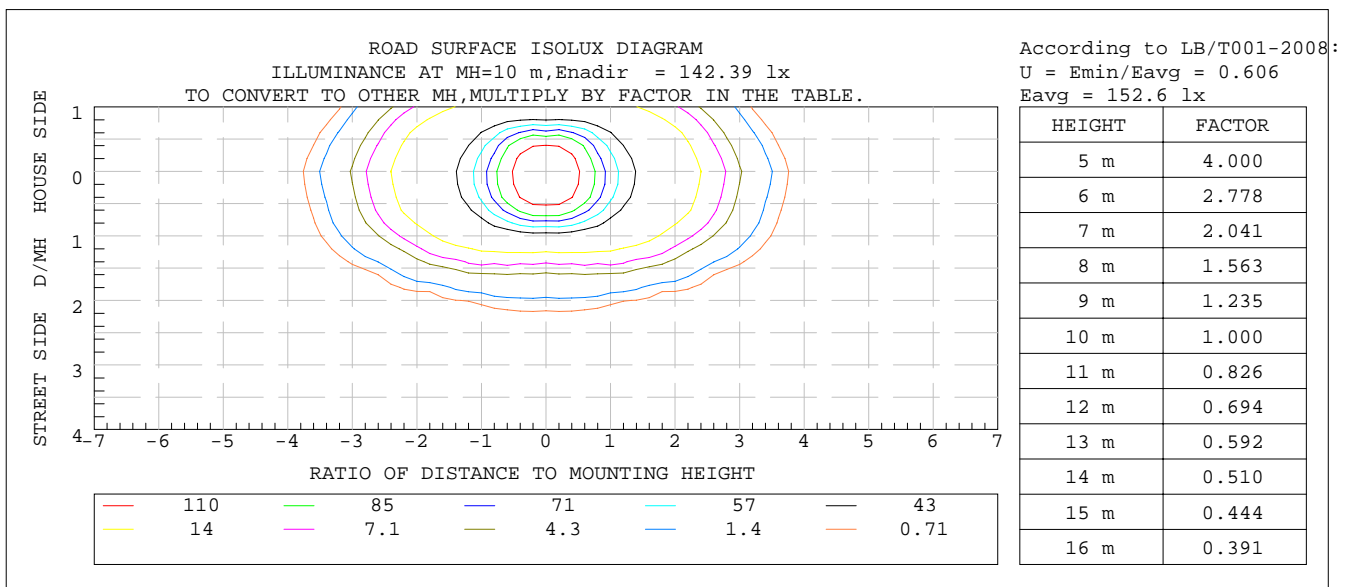
Classification:

IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Full cut-off
 CIE:Full cut-off
 Max.At80:8.534cd/klm
 Max.At90:0cd/klm
 Max.80-90:8.534cd/klm
 NRB 5101:Limited[4.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	27236
90%	24513
80%	21789
70%	19065
60%	16342
50%	13618
40%	10894
30%	8171
20%	5447
10%	2724
5%	1362

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
 γ 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:219.1V I:1.724A P:374.9W PF:0.9923 Freq:49.99Hz Lamp Flux:54040.1x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:8.5KG
SPEC.:AOK-380WinM-NV-Y2-00-5770-T2-P	DIM.: Φ 460*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 410mm	Shielding Angle:

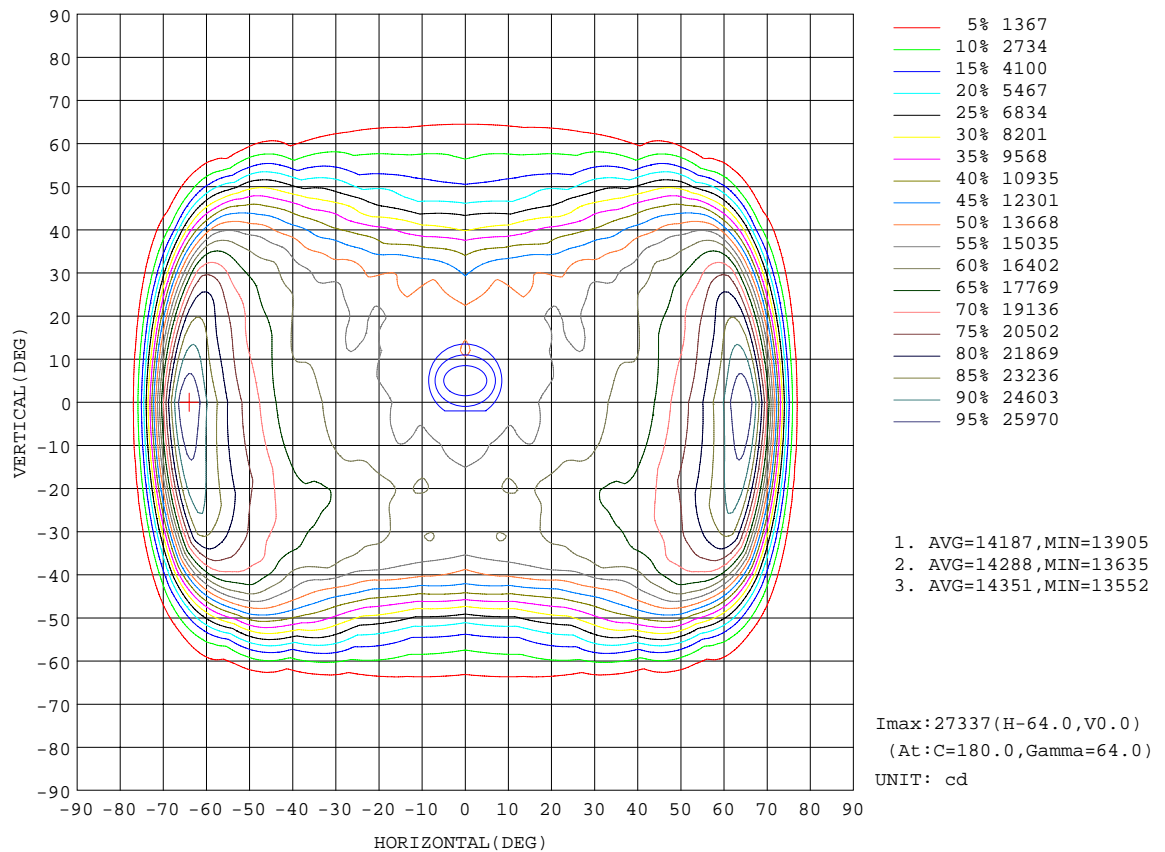
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1497	1490	1442	1490	1497	1485	1375	1485	0- 10	1385	1385	2.56,2.56
20	1531	1544	1559	1544	1531	1407	1404	1407	10- 20	4219	5604	10.4,10.4
30	1580	1679	1577	1679	1580	1513	1215	1513	20- 30	7075	12679	23.5,23.5
40	1697	1687	1323	1687	1697	1452	805.6	1452	30- 40	9579	22258	41.2,41.2
50	1987	1560	621.5	1560	1987	1146	428.4	1146	40- 50	10745	33003	61.1,61.1
60	2464	985.6	209.2	985.6	2464	596.4	251.3	596.4	50- 60	10689	43693	80.9,80.9
70	1898	100.7	39.95	100.7	1898	58.07	44.24	58.07	60- 70	8552	52245	96.7,96.7
80	46.12	22.35	20.81	22.35	46.12	19.46	23.03	19.46	70- 80	1660	53904	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	136.0	54040	100,100
100	0	0	0	0	0	0	0	0	90-100	0	54040	100,100
110	0	0	0	0	0	0	0	0	100-110	0	54040	100,100
120	0	0	0	0	0	0	0	0	110-120	0	54040	100,100
130	0	0	0	0	0	0	0	0	120-130	0	54040	100,100
140	0	0	0	0	0	0	0	0	130-140	0	54040	100,100
150	0	0	0	0	0	0	0	0	140-150	0	54040	100,100
160	0	0	0	0	0	0	0	0	150-160	0	54040	100,100
170	0	0	0	0	0	0	0	0	160-170	0	54040	100,100
180	0	0	0	0	0	0	0	0	170-180	0	54040	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

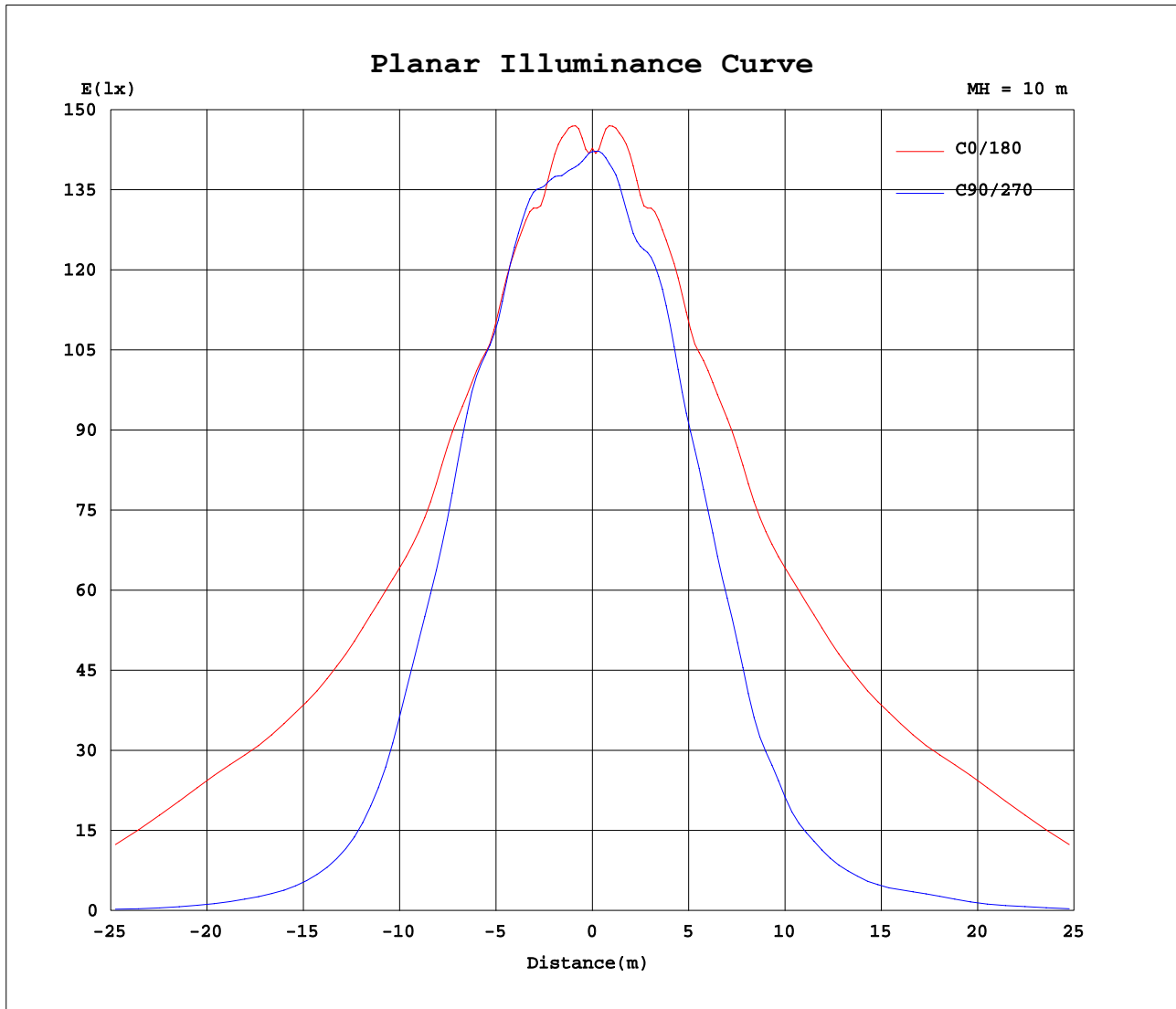
Test:U:219.1V I:1.724A P:374.9W PF:0.9923 Freq:49.99Hz Lamp Flux:54040.1x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:8.5KG
SPEC.:AOK-380WiNM-NV-Y2-00-5770-T2-P	DIM.: Φ 460*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 410mm	Shielding Angle:



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



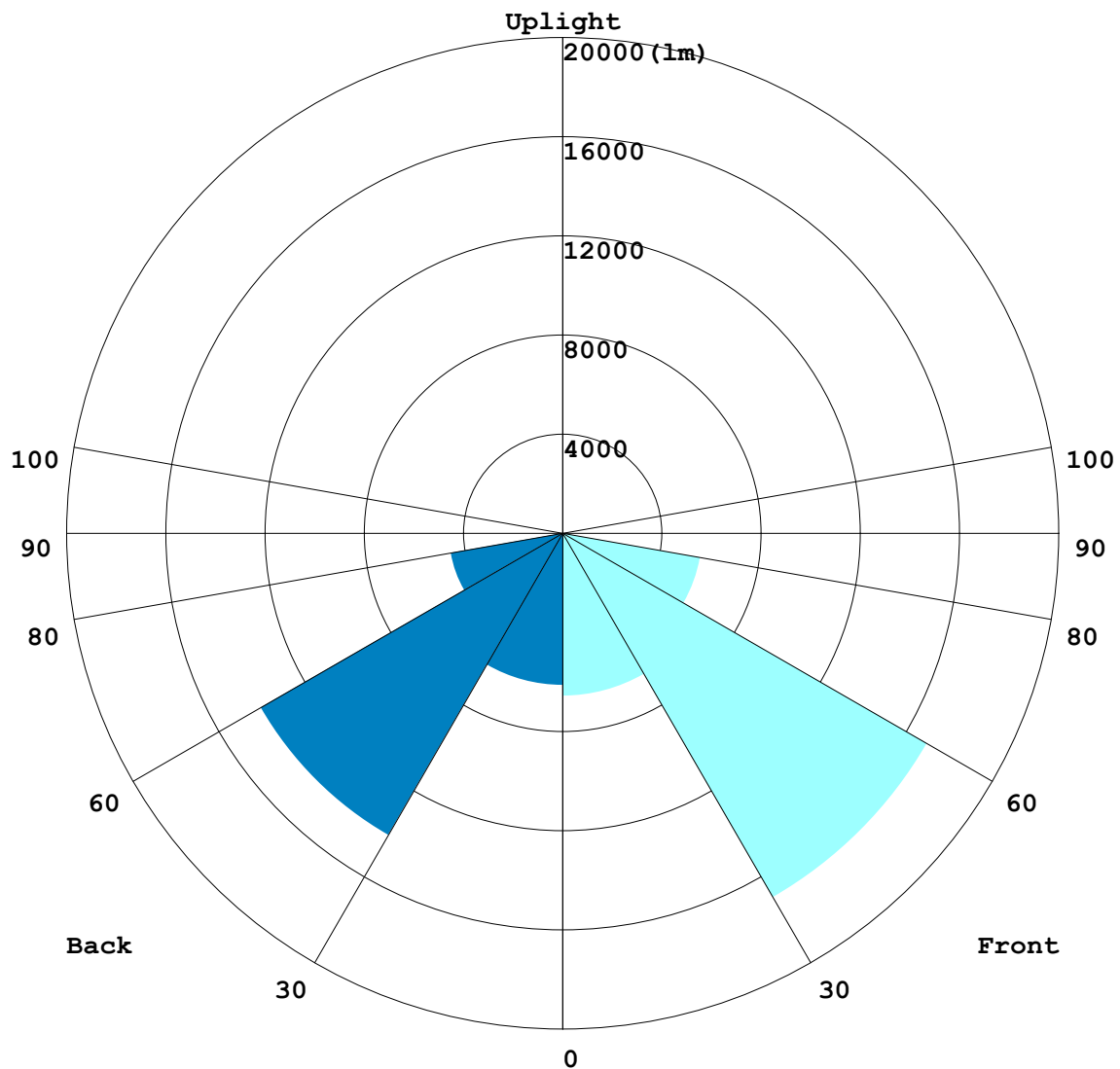
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-01-07

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:219.1V I:1.724A P:374.9W PF:0.9923 Freq:49.99Hz Lamp Flux:54040.1x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:8.5KG
SPEC.:AOK-380WiNM-NV-Y2-00-5770-T2-P	DIM.: Φ 460*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 410mm	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:219.1V I:1.724A P:374.9W PF:0.9923 Freq:49.99Hz Lamp Flux:54040.1x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:8.5KG
SPEC.:AOK-380WiNM-NV-Y2-00-5770-T2-P	DIM.: Φ 460*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 410mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	6558.4	12.1
FM - Front-Medium(30-60)	16954	31.4
FH - Front-High(60-80)	5626.1	10.4
FVH - Front-Very High(80-90)	73.326	0.1
Total Forward Light	29211	54.1

BL - Back-Low(0-30)	6120.5	11.3
BM - Back-Medium(30-60)	14060	26.0
BH - Back-High(60-80)	4585.5	8.5
BVH - Back-Very High(80-90)	62.645	0.1
Total Back Light	24829	45.9

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	24829	0	24829
Street Side	29211	0	29211

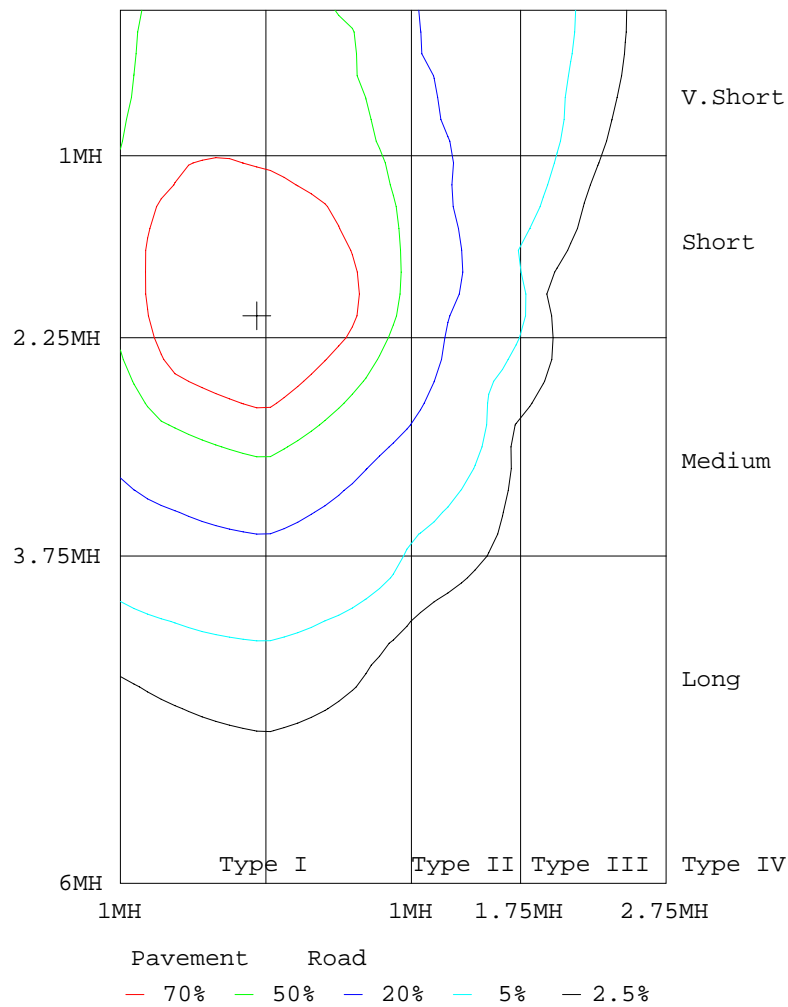
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-01-07

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:219.1V I:1.724A P:374.9W PF:0.9923 Freq:49.99Hz Lamp Flux:54040.1x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:8.5KG
SPEC.:AOK-380WiNM-NV-Y2-00-5770-T2-P	DIM.: $\Phi 460 \times 200\text{mm}$	SERIAL No.:
MFR.: AOK	SUR.: $\Phi 410\text{mm}$	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:219.1V I:1.724A P:374.9W PF:0.9923 Freq:49.99Hz Lamp Flux:54040.1x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:8.5KG
SPEC.:AOK-380WiNM-NV-Y2-00-5770-T2-P	DIM.: Φ 460*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 410mm	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	1423	1423	1423	1423	1423	1423	1423	1423	1423	1423	1423	1423	1423	1423	1423	1423	1423	1423	1423
5	1481	1473	1466	1442	1418	1399	1410	1399	1418	1442	1466	1473	1481	1481	1469	1454	1418	1398	1417
10	1497	1487	1489	1490	1486	1440	1442	1440	1486	1490	1489	1487	1497	1499	1491	1485	1455	1387	1375
15	1460	1453	1490	1536	1550	1531	1503	1531	1550	1536	1490	1453	1460	1446	1452	1466	1477	1433	1375
20	1531	1516	1533	1544	1640	1618	1559	1618	1640	1544	1533	1516	1531	1505	1469	1407	1491	1479	1404
25	1544	1558	1608	1633	1629	1614	1535	1614	1629	1633	1608	1558	1544	1540	1523	1488	1416	1412	1305
30	1580	1587	1656	1679	1596	1631	1577	1631	1596	1679	1656	1587	1580	1534	1490	1513	1351	1360	1215
35	1670	1670	1726	1687	1631	1604	1523	1604	1631	1687	1726	1670	1670	1619	1593	1398	1353	1186	1065
40	1697	1734	1793	1687	1579	1429	1323	1429	1579	1687	1793	1734	1697	1631	1602	1452	1129	924	806
45	1809	1840	1801	1689	1389	1123	1028	1123	1389	1689	1801	1840	1809	1736	1603	1314	948	661	602
50	1987	1997	1862	1560	1067	731	622	731	1067	1560	1862	1997	1987	1845	1612	1146	702	463	428
55	2174	2131	1870	1307	723	429	360	429	723	1307	1870	2131	2174	1986	1573	925	469	355	292
60	2464	2317	1817	986	428	251	209	251	428	986	1817	2317	2464	2125	1401	596	296	234	251
65	2706	2403	1390	465	173	120	96.7	120	173	465	1390	2403	2706	2079	977	245	162	126	127
70	1898	1567	514	101	42.9	38.1	39.9	38.1	42.9	101	514	1567	1898	1117	298	58.1	46.9	41.6	44.2
75	426	327	85.1	35.2	30.0	27.9	27.3	27.9	30.0	35.2	85.1	327	426	143	42.5	31.4	31.1	29.8	29.4
80	46.1	38.4	27.8	22.3	21.5	21.0	20.8	21.0	21.5	22.3	27.8	38.4	46.1	33.5	23.2	19.5	22.2	22.6	23.0
85	16.0	17.4	12.1	11.9	12.0	12.8	13.6	12.8	12.0	11.9	12.1	17.4	16.0	13.0	9.57	9.17	10.5	10.3	11.7
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:219.1V I:1.724A P:374.9W PF:0.9923 Freq:49.99Hz Lamp Flux:54040.1x1 lm		
NAME: AOK INM	TYPE:LED Stadium Light	WEIGHT:8.5KG
SPEC.:AOK-380WiNM-NV-Y2-00-5770-T2-P	DIM.: Φ 460*200mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 410mm	Shielding Angle:

Table--2

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

γ (DEG) \ C (DEG)	285	300	315	330	345														
0	1423	1423	1423	1423	1423														
5	1398	1418	1454	1469	1481														
10	1387	1455	1485	1491	1499														
15	1433	1477	1466	1452	1446														
20	1479	1491	1407	1469	1505														
25	1412	1416	1488	1523	1540														
30	1360	1351	1513	1490	1534														
35	1186	1353	1398	1593	1619														
40	924	1129	1452	1602	1631														
45	661	948	1314	1603	1736														
50	463	702	1146	1612	1845														
55	355	469	925	1573	1986														
60	234	296	596	1401	2125														
65	126	162	245	977	2079														
70	41.6	46.9	58.1	298	1117														
75	29.8	31.1	31.4	42.5	143														
80	22.6	22.2	19.5	23.2	33.5														
85	10.3	10.5	9.17	9.57	13.0														
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: