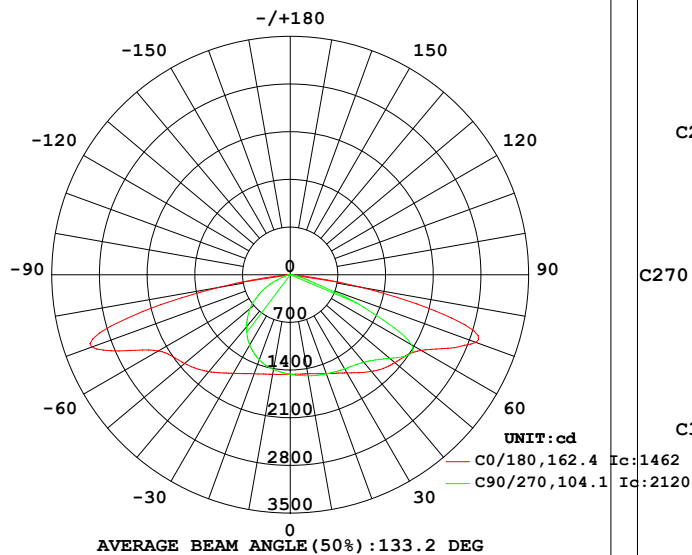
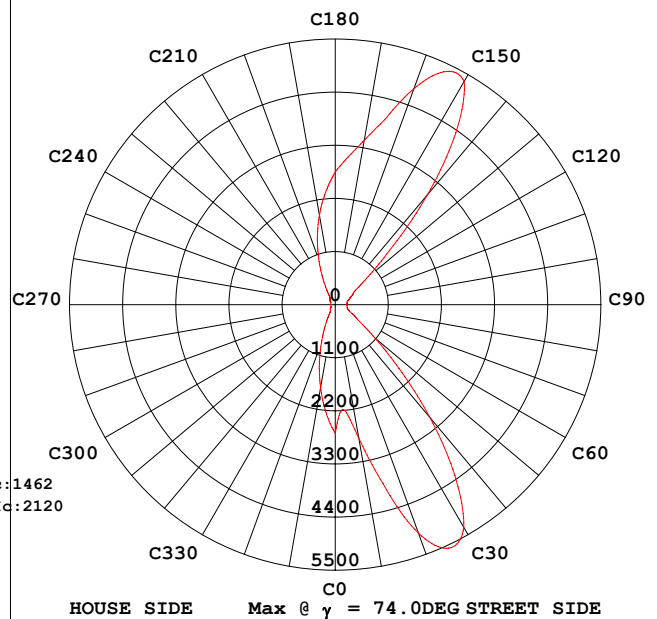


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:0.2796A P:59.16W PF:0.9654 Freq:60.01Hz Lamp Flux:7886.96x1 lm		
NAME: AOK-ILA	TYPE:LED Stadium Light	WEIGHT:
SPEC.:AOK-60WiLA-NVS-L3-00-3080-T301	DIM.: Φ 550*330mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 530mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.32 lm/W			
MODEL	3030	I _{max} (cd)	5339	η street_up (%)	0.0
NOMINAL POWER (W)	60W	LOR (%)	100.0	η street_down (%)	64.7
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	7887	η house_up (%)	0.0
NOMINAL FLUX (lm)	7886.96	MAXIMUM @ (C, γ)	150,74.0	η house_down (%)	35.3
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	

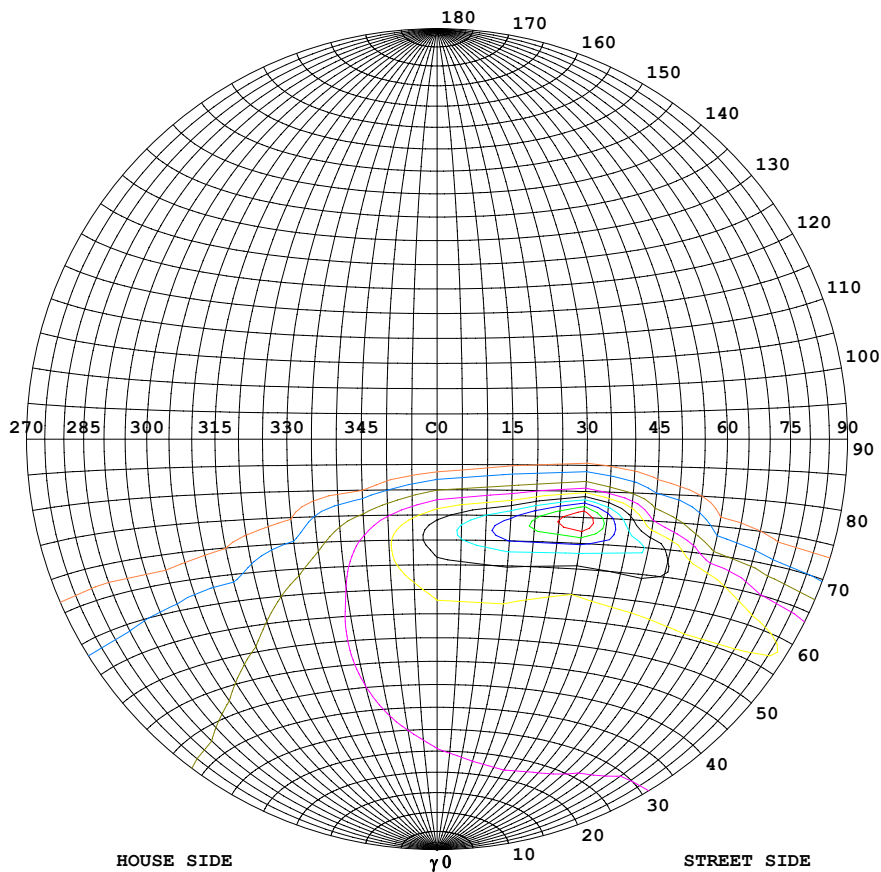
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-11-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.1V I:0.2796A P:59.16W PF:0.9654 Freq:60.01Hz Lamp Flux:7886.96x1 lm		
NAME: AOK-ILA	TYPE:LED Stadium Light	WEIGHT:
SPEC.:AOK-60WiLA-NVS-L3-00-3080-T301	DIM.: Φ 550*330mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 530mm	Shielding Angle:



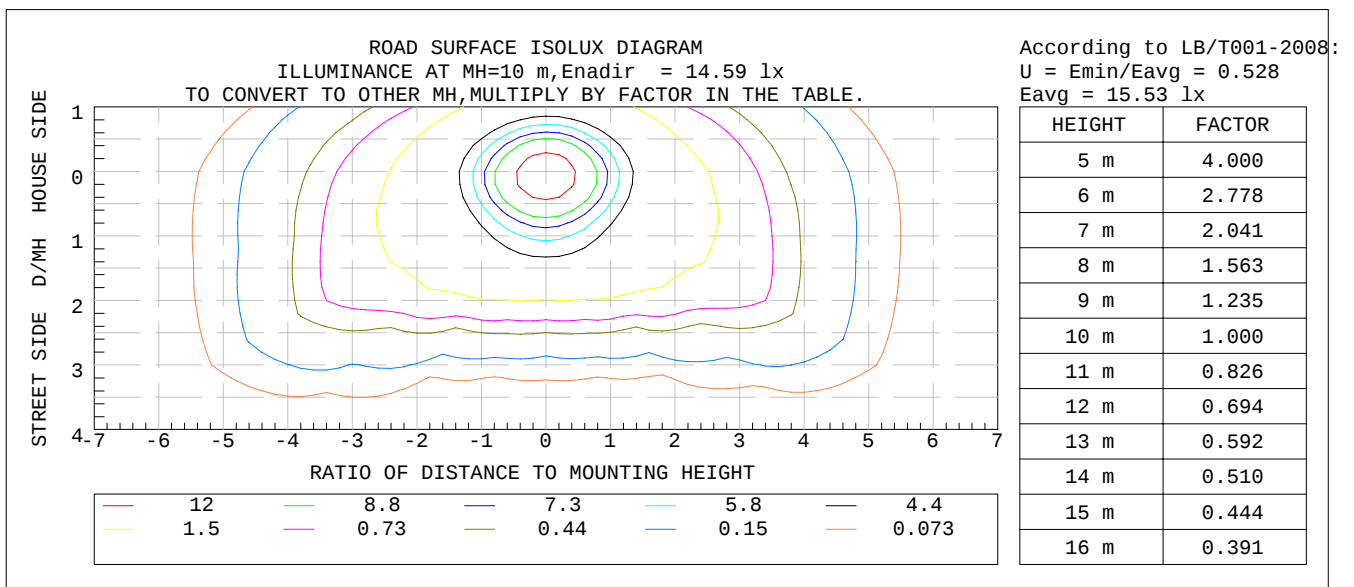
Classification:

IES:Type III - Medium
CIE:Broad - Long
IES:None cut-off
CIE:Non-cut-off
Max.At80:249.3cd/klm
Max.At90:0cd/klm
Max.80-90:249.3cd/klm
NRB 5101:Semi limited[13.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5339
90%	4805
80%	4271
70%	3737
60%	3204
50%	2670
40%	2136
30%	1602
20%	1068
10%	534
5%	267

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-11-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [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: 2023-11-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.1V I:0.2796A P:59.16W PF:0.9654 Freq:60.01Hz Lamp Flux:7886.96x1 lm		
NAME: AOK-ILA	TYPE:LED Stadium Light	WEIGHT:
SPEC.:AOK-60WiLA-NVS-L3-00-3080-T301	DIM.: Φ 550*330mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 530mm	Shielding Angle:

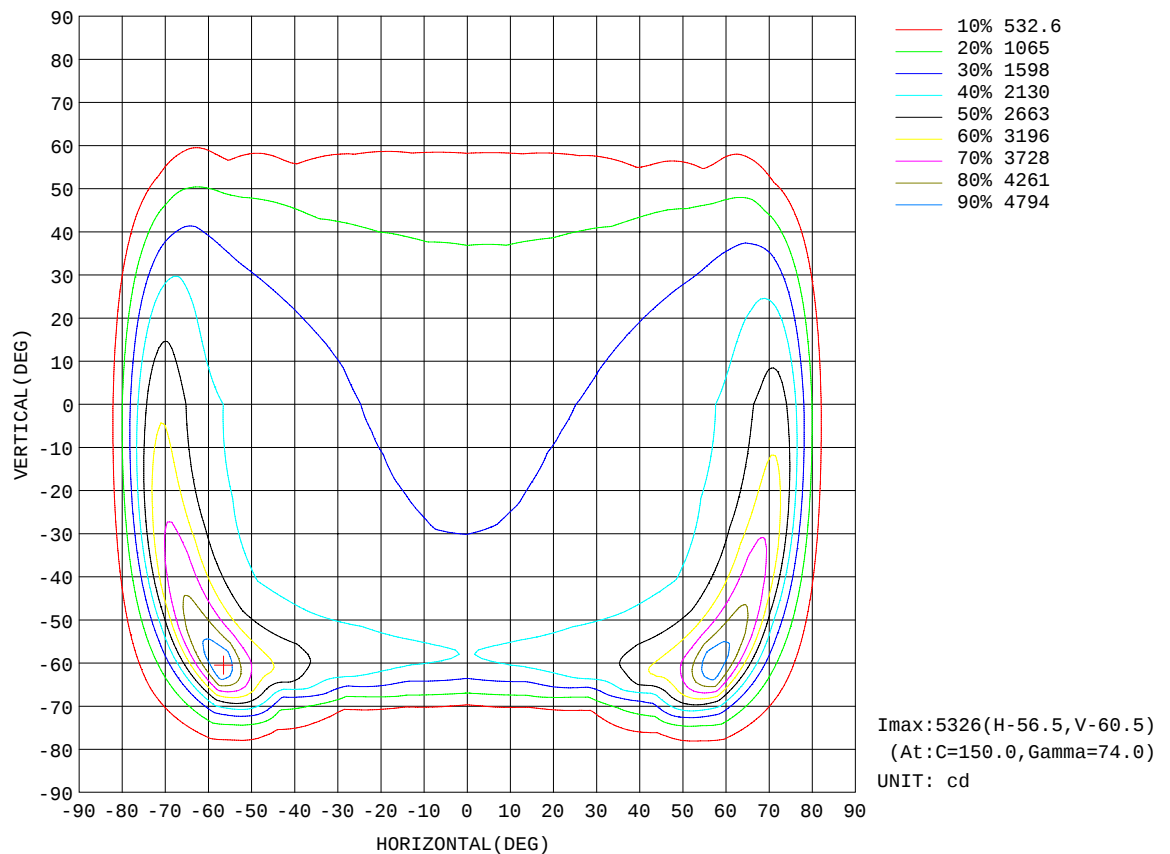
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1477	1500	1506	1502	1485	1438	1414	1428	0- 10	139.8	139.8	1.77,1.77
20	1545	1571	1548	1563	1547	1423	1329	1404	10- 20	419.7	559.5	7.09,7.09
30	1664	1676	1597	1656	1672	1385	1193	1358	20- 30	698.3	1258	15.9,15.9
40	1853	1773	1679	1749	1857	1302	998.4	1267	30- 40	969.0	2227	28.2,28.2
50	2006	1890	1910	1868	2025	1132	769.7	1091	40- 50	1219	3446	43.7,43.7
60	2222	2271	2059	2278	2236	824.6	480.6	772.6	50- 60	1449	4895	62.1,62.1
70	2902	3165	480.5	2986	3103	284.4	159.3	265.0	60- 70	1613	6507	82.5,82.5
80	1046	550.3	99.07	476.1	1058	39.07	27.92	37.05	70- 80	1239	7747	98.2,98.2
90	0	0	0	0	0	0	0	0	80- 90	140.4	7887	100,100
100	0	0	0	0	0	0	0	0	90-100	0	7887	100,100
110	0	0	0	0	0	0	0	0	100-110	0	7887	100,100
120	0	0	0	0	0	0	0	0	110-120	0	7887	100,100
130	0	0	0	0	0	0	0	0	120-130	0	7887	100,100
140	0	0	0	0	0	0	0	0	130-140	0	7887	100,100
150	0	0	0	0	0	0	0	0	140-150	0	7887	100,100
160	0	0	0	0	0	0	0	0	150-160	0	7887	100,100
170	0	0	0	0	0	0	0	0	160-170	0	7887	100,100
180	0	0	0	0	0	0	0	0	170-180	0	7887	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:2023-11-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

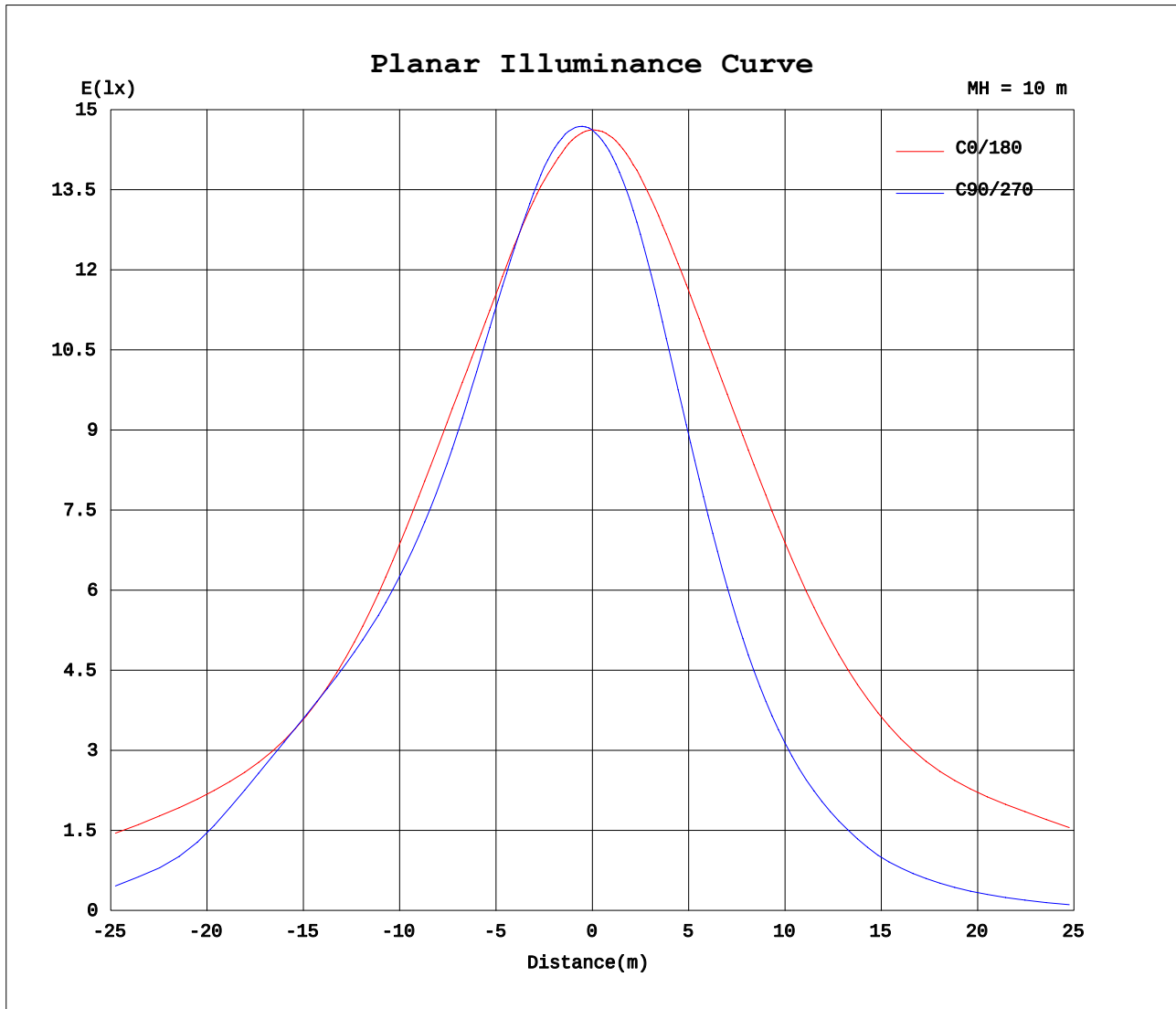
Test:U:219.1V I:0.2796A P:59.16W PF:0.9654 Freq:60.01Hz Lamp Flux:7886.96x1 lm		
NAME: AOK-ILA	TYPE:LED Stadium Light	WEIGHT:
SPEC.:AOK-60WiLA-NVS-L3-00-3080-T301	DIM.: ϕ 550*330mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 530mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-11-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

Planar Illuminance Curve



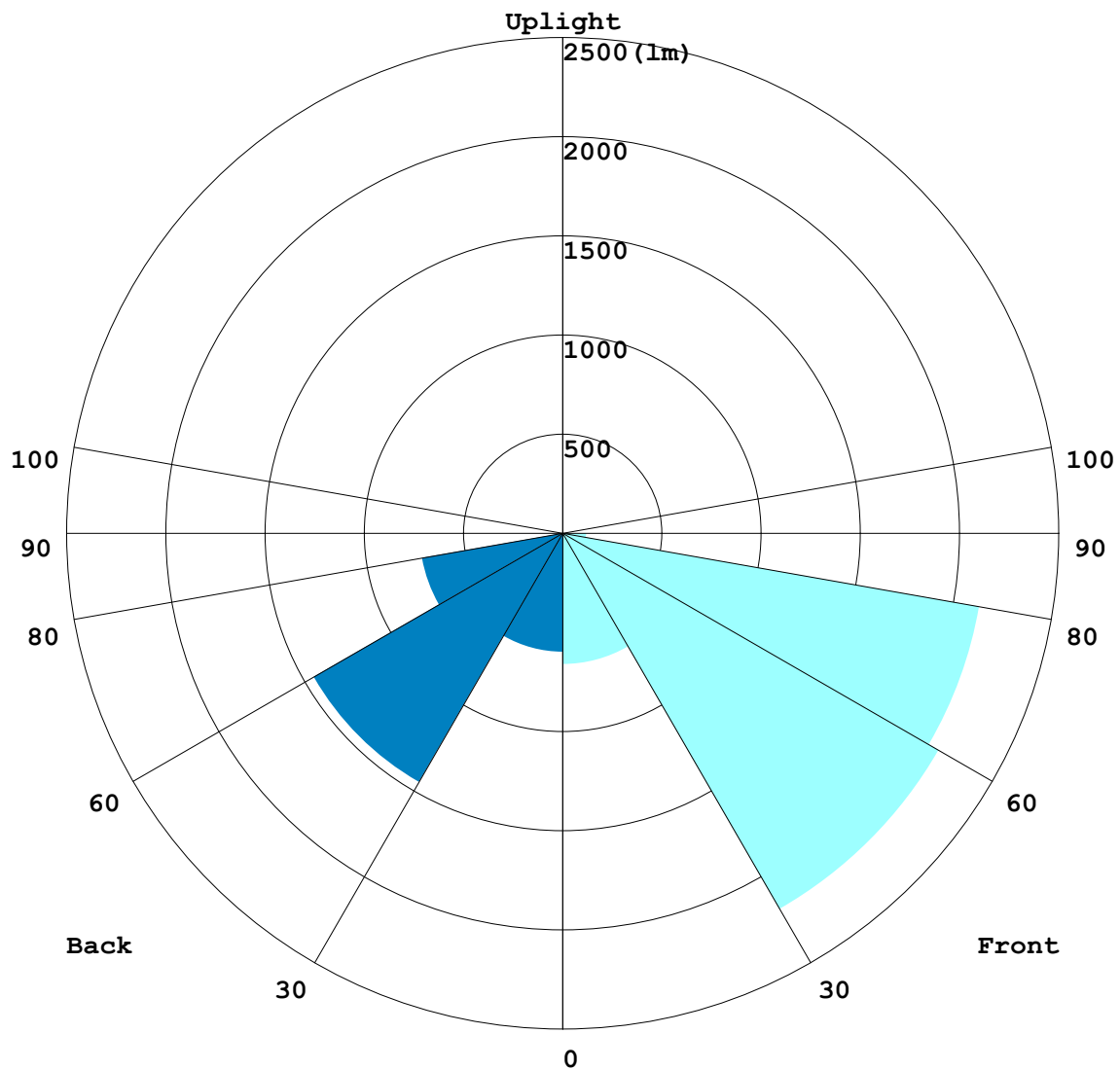
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-11-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

LCS REPORT

Test:U:219.1V I:0.2796A P:59.16W PF:0.9654 Freq:60.01Hz Lamp Flux:7886.96x1 lm		
NAME: AOK-ILA	TYPE:LED Stadium Light	WEIGHT:
SPEC.:AOK-60WiLA-NVS-L3-00-3080-T301	DIM.: ϕ 550*330mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 530mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-11-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

BUG REPORT

Test:U:219.1V I:0.2796A P:59.16W PF:0.9654 Freq:60.01Hz Lamp Flux:7886.96x1 lm		
NAME: AOK-ILA	TYPE:LED Stadium Light	WEIGHT:
SPEC.:AOK-60WiLA-NVS-L3-00-3080-T301	DIM.: ϕ 550*330mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 530mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	660.06	8.4
FM - Front-Medium(30-60)	2188.5	27.7
FH - Front-High(60-80)	2131.5	27.0
FVH - Front-Very High(80-90)	119.1	1.5
Total Forward Light	5099.1	64.7

BL - Back-Low(0-30)	597.73	7.6
BM - Back-Medium(30-60)	1448.7	18.4
BH - Back-High(60-80)	720.09	9.1
BVH - Back-Very High(80-90)	21.333	0.3
Total Back Light	2787.8	35.3

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
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2787.8	0	2787.8
Street Side	5099.1	0	5099.1

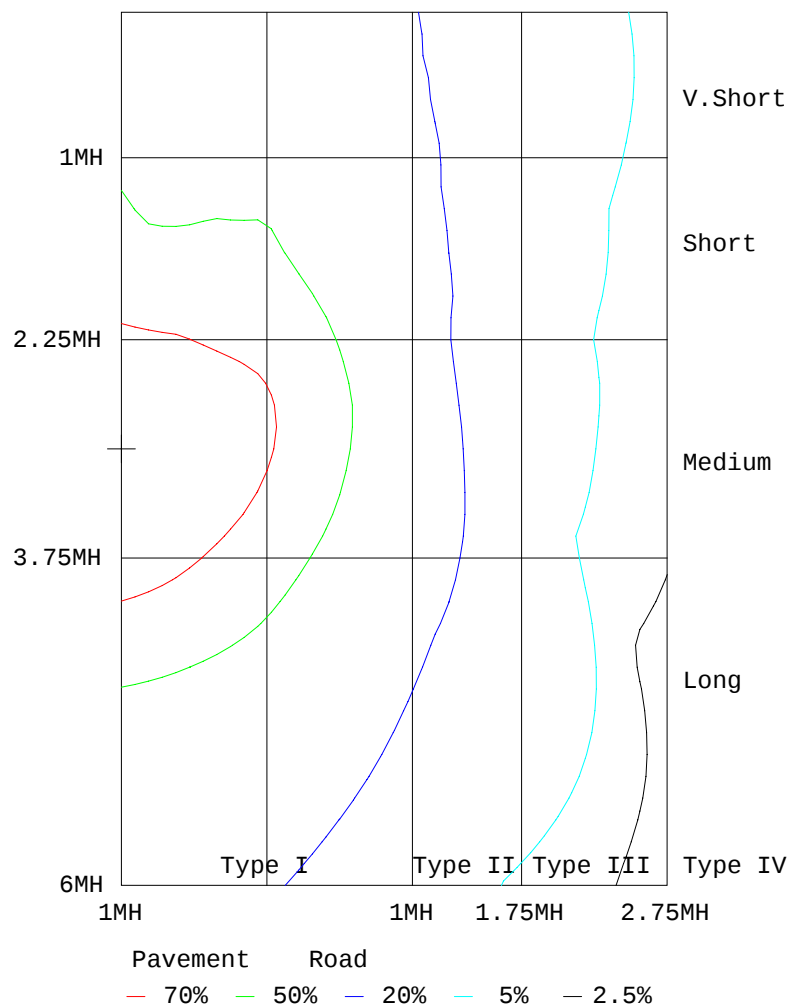
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.1V I:0.2796A P:59.16W PF:0.9654 Freq:60.01Hz Lamp Flux:7886.96x1 lm		
NAME: AOK-ILA	TYPE:LED Stadium Light	WEIGHT:
SPEC.:AOK-60WiLA-NVS-L3-00-3080-T301	DIM.: Φ 550*330mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 530mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-11-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.1V I:0.2796A P:59.16W PF:0.9654 Freq:60.01Hz Lamp Flux:7886.96x1 lm		
NAME: AOK-ILA	TYPE:LED Stadium Light	WEIGHT:
SPEC.:AOK-60WiLA-NVS-L3-00-3080-T301	DIM.: ϕ 550*330mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 530mm	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	1462	1461	1460	1458	1462	1462	1462	1459	1458	1457	1460	1457	1462	1461	1460	1458	1462	1462	1462
5	1465	1470	1475	1475	1481	1483	1484	1481	1480	1477	1478	1470	1468	1463	1455	1448	1444	1439	1440
10	1477	1487	1498	1500	1506	1506	1506	1504	1506	1502	1501	1492	1485	1470	1456	1438	1427	1417	1414
15	1505	1521	1531	1529	1531	1529	1529	1525	1529	1527	1532	1524	1510	1488	1462	1430	1407	1387	1379
20	1545	1567	1579	1571	1561	1554	1548	1548	1560	1563	1571	1563	1547	1515	1475	1423	1378	1344	1329
25	1596	1630	1641	1621	1595	1578	1571	1572	1590	1608	1626	1625	1602	1552	1487	1409	1339	1289	1267
30	1664	1712	1712	1676	1632	1605	1597	1599	1622	1656	1697	1704	1672	1599	1497	1385	1289	1219	1193
35	1756	1810	1787	1725	1673	1636	1626	1628	1657	1703	1767	1795	1760	1650	1505	1352	1222	1133	1102
40	1853	1905	1856	1773	1718	1689	1679	1681	1701	1749	1835	1891	1857	1703	1501	1302	1142	1036	998
45	1942	1985	1915	1824	1787	1776	1770	1768	1775	1799	1892	1972	1949	1761	1489	1228	1044	928	888
50	2006	2040	1964	1890	1903	1916	1910	1914	1898	1868	1941	2030	2025	1814	1458	1132	924	809	770
55	2073	2092	2012	2019	2103	2106	2078	2105	2106	2005	1994	2088	2101	1848	1404	1006	786	668	627
60	2222	2234	2137	2271	2387	2212	2059	2193	2379	2278	2127	2217	2236	1870	1304	825	600	507	481
65	2554	2705	2577	2764	2425	1614	1346	1593	2348	2759	2562	2727	2639	1910	1111	478	362	357	326
70	2902	3751	3822	3165	1193	704	481	686	1166	2986	3873	3851	3103	1881	693	284	203	178	159
75	2452	3595	5285	1623	373	218	212	222	340	1342	5305	3722	2490	1283	287	129	93.2	80.5	76.9
80	1046	1357	1966	550	129	105	99.1	106	126	476	1882	1382	1058	349	60.3	39.1	36.1	28.9	27.9
85	116	239	319	124	39.4	35.6	33.5	35.6	40.6	120	326	263	105	15.9	9.97	6.30	4.79	3.90	3.75
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:2023-11-8

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.1V I:0.2796A P:59.16W PF:0.9654 Freq:60.01Hz Lamp Flux:7886.96x1 lm		
NAME: AOK-ILA	TYPE:LED Stadium Light	WEIGHT:
SPEC.:AOK-60WiLA-NVS-L3-00-3080-T301	DIM.: ϕ 550*330mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 530mm	Shielding Angle:

Table--2

UNIT: cd

γ (DEG) \ C (DEG)	285	300	315	330	345													
0	1459	1458	1457	1460	1457													
5	1437	1440	1441	1450	1455													
10	1412	1421	1428	1445	1457													
15	1380	1397	1416	1449	1474													
20	1334	1366	1404	1456	1499													
25	1276	1321	1389	1464	1532													
30	1206	1265	1358	1469	1570													
35	1120	1198	1316	1470	1616													
40	1021	1114	1267	1463	1668													
45	912	1015	1190	1440	1722													
50	794	896	1091	1395	1773													
55	659	761	958	1325	1801													
60	501	578	773	1211	1808													
65	347	360	437	989	1815													
70	171	192	265	568	1683													
75	77.5	90.6	120	253	1116													
80	27.7	33.7	37.0	50.8	259													
85	3.82	4.55	5.86	9.31	15.1													
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:2023-11-8

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks: