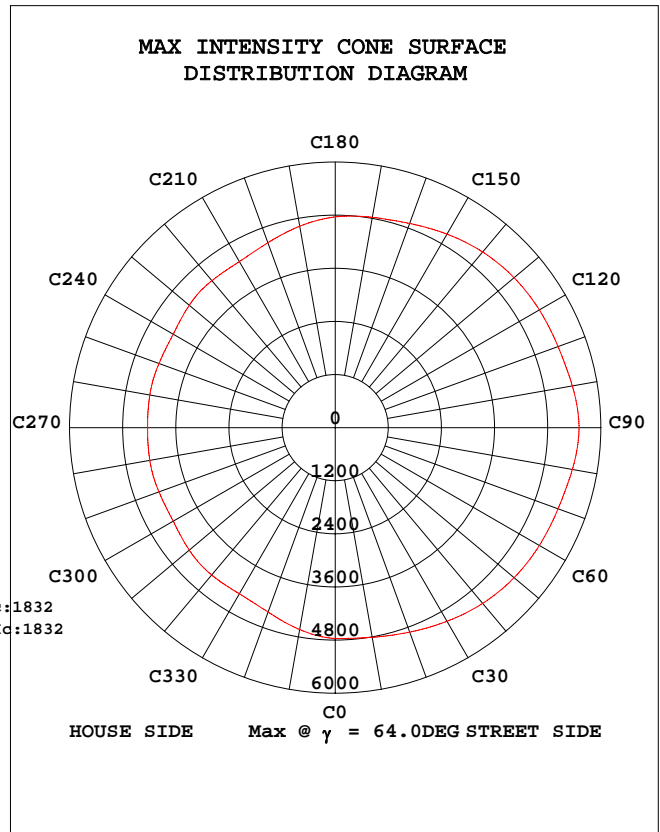
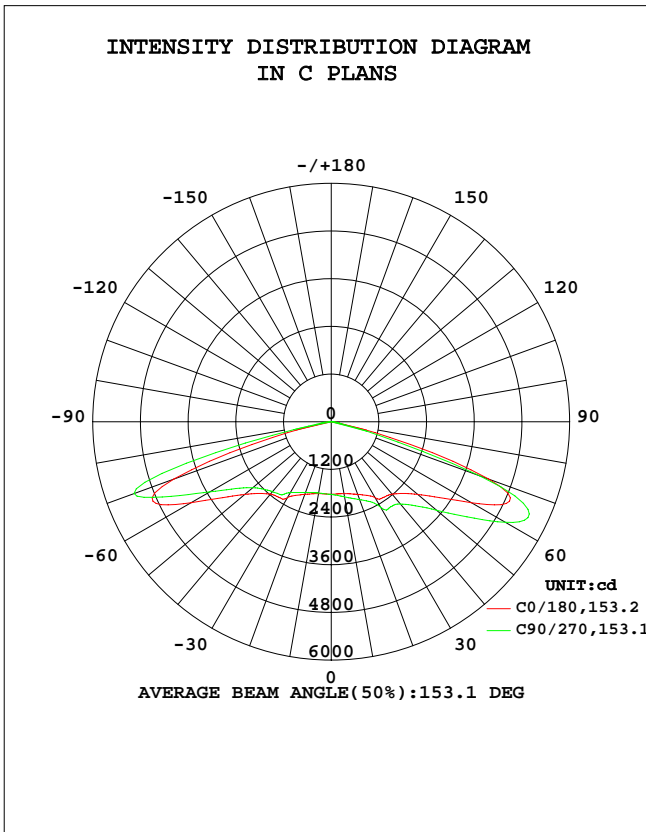


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.5345A P:114.2W PF:0.9743 Freq:49.99Hz Lamp Flux:15775.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.17 lm/W			
MODEL	3030	I _{max} (cd)	5507	η street_up(%)	0.0
NOMINAL POWER(W)	115	LOR(%)	100.0	η street_down(%)	50.6
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	15775	η house_up(%)	0.0
NOMINAL FLUX(lm)	15775.3	MAXIMUM @(C,γ)	90,64.0	η house_down(%)	49.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.106

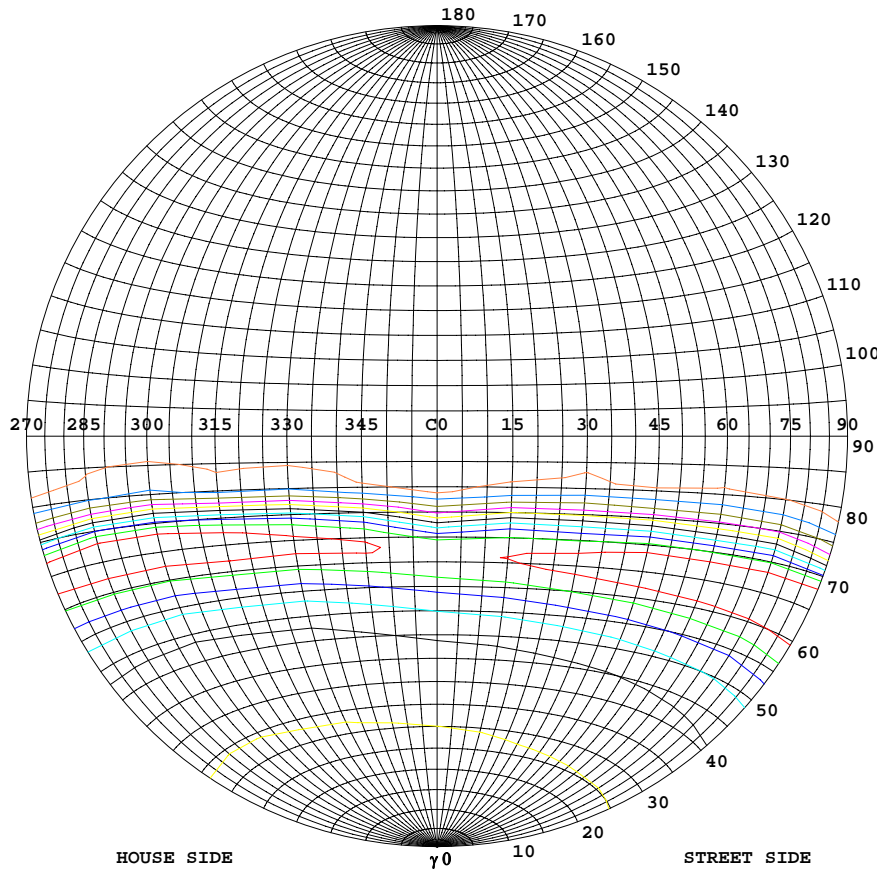


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-17

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:219.2V I:0.5345A P:114.2W PF:0.9743 Freq:49.99Hz Lamp Flux:15775.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

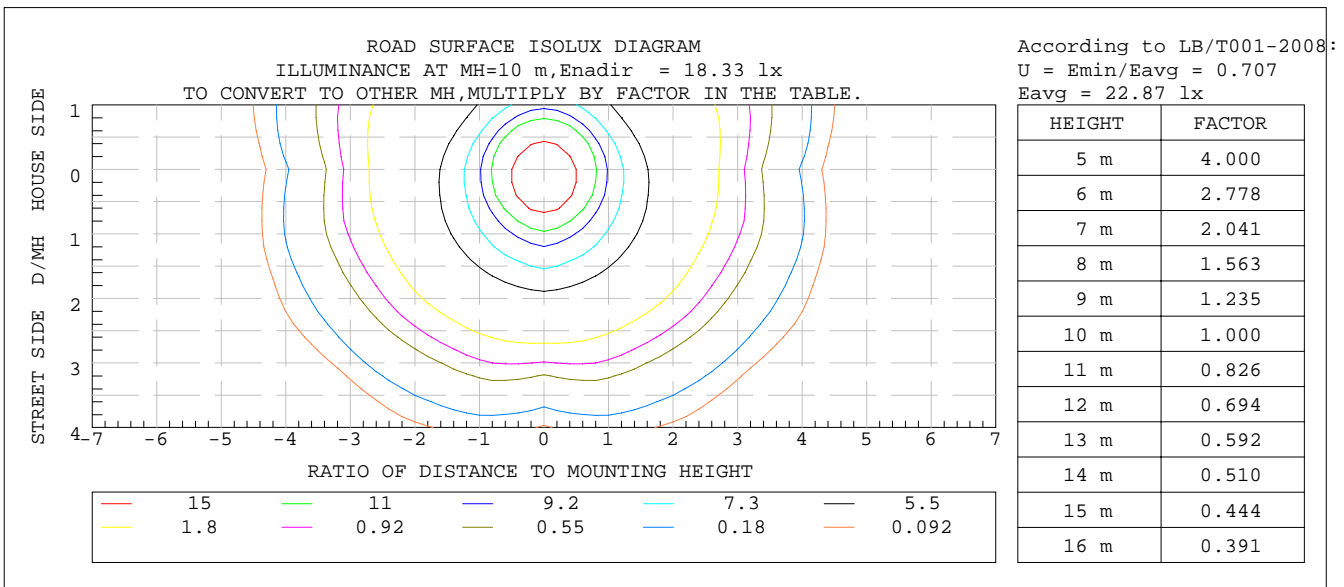
IES:Type V - Very Short
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:44.36cd/klm
 Max.At90:0cd/klm
 Max.80-90:44.36cd/klm
 NRB 5101:Semi limited[13.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5507
90%	4956
80%	4406
70%	3855
60%	3304
50%	2754
40%	2203
30%	1652
20%	1101
10%	551
5%	275

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-17

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: 2019-10-17

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:219.2V I:0.5345A P:114.2W PF:0.9743 Freq:49.99Hz Lamp Flux:15775.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

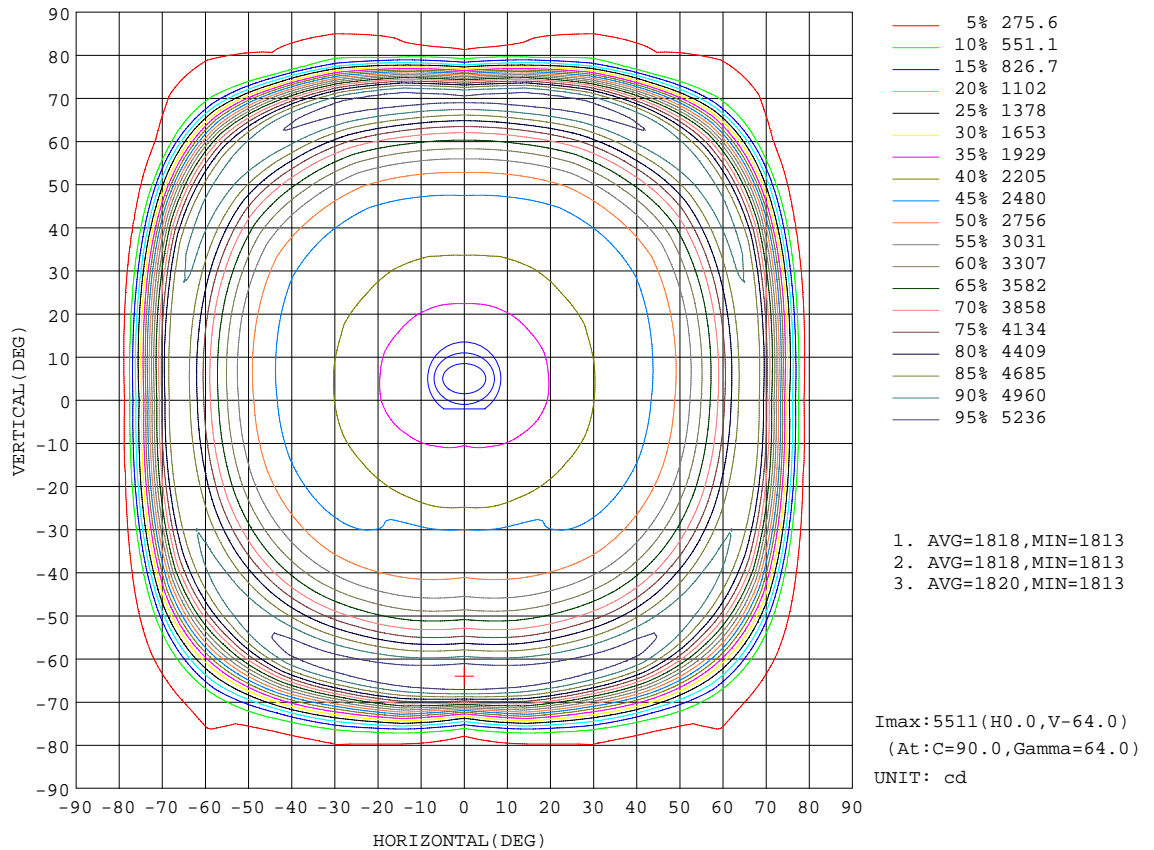
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	1838	1881	1921	1881	1838	1813	1823	1813	0- 10	175.3	175.3	1.11,1.11
20	1946	2031	2087	2031	1946	1899	1897	1899	10- 20	540.0	715.3	4.53,4.53
30	2206	2362	2480	2362	2206	2107	2059	2107	20- 30	963.5	1679	10.6,10.6
40	2381	2516	2702	2516	2381	2267	2300	2267	30- 40	1472	3151	20,20
50	2849	3116	3469	3116	2849	2564	2585	2564	40- 50	2017	5168	32.8,32.8
60	4076	4583	5061	4583	4076	3569	3535	3569	50- 60	3064	8233	52.2,52.2
70	4210	4508	3980	4508	4210	5239	5281	5239	60- 70	4698	12931	82,82
80	213.1	345.5	199.3	345.5	213.1	387.5	367.1	387.5	70- 80	2668	15599	98.9,98.9
90	0	0	0	0	0	0	0	0	80- 90	175.8	15775	100,100
100	0	0	0	0	0	0	0	0	90-100	0	15775	100,100
110	0	0	0	0	0	0	0	0	100-110	0	15775	100,100
120	0	0	0	0	0	0	0	0	110-120	0	15775	100,100
130	0	0	0	0	0	0	0	0	120-130	0	15775	100,100
140	0	0	0	0	0	0	0	0	130-140	0	15775	100,100
150	0	0	0	0	0	0	0	0	140-150	0	15775	100,100
160	0	0	0	0	0	0	0	0	150-160	0	15775	100,100
170	0	0	0	0	0	0	0	0	160-170	0	15775	100,100
180	0	0	0	0	0	0	0	0	170-180	0	15775	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:2019-10-17

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

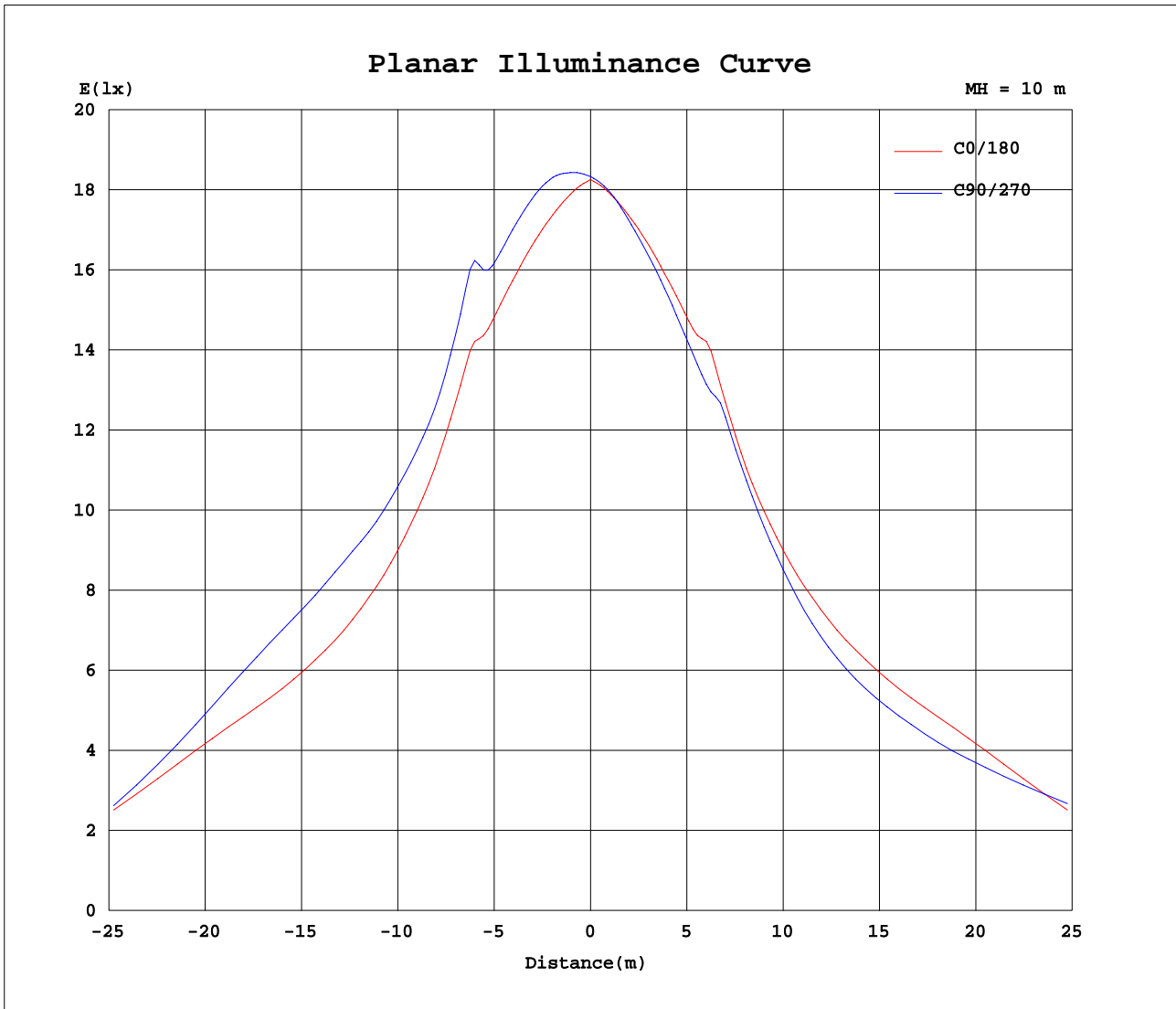
Test:U:219.2V I:0.5345A P:114.2W PF:0.9743 Freq:49.99Hz Lamp Flux:15775.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-17

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



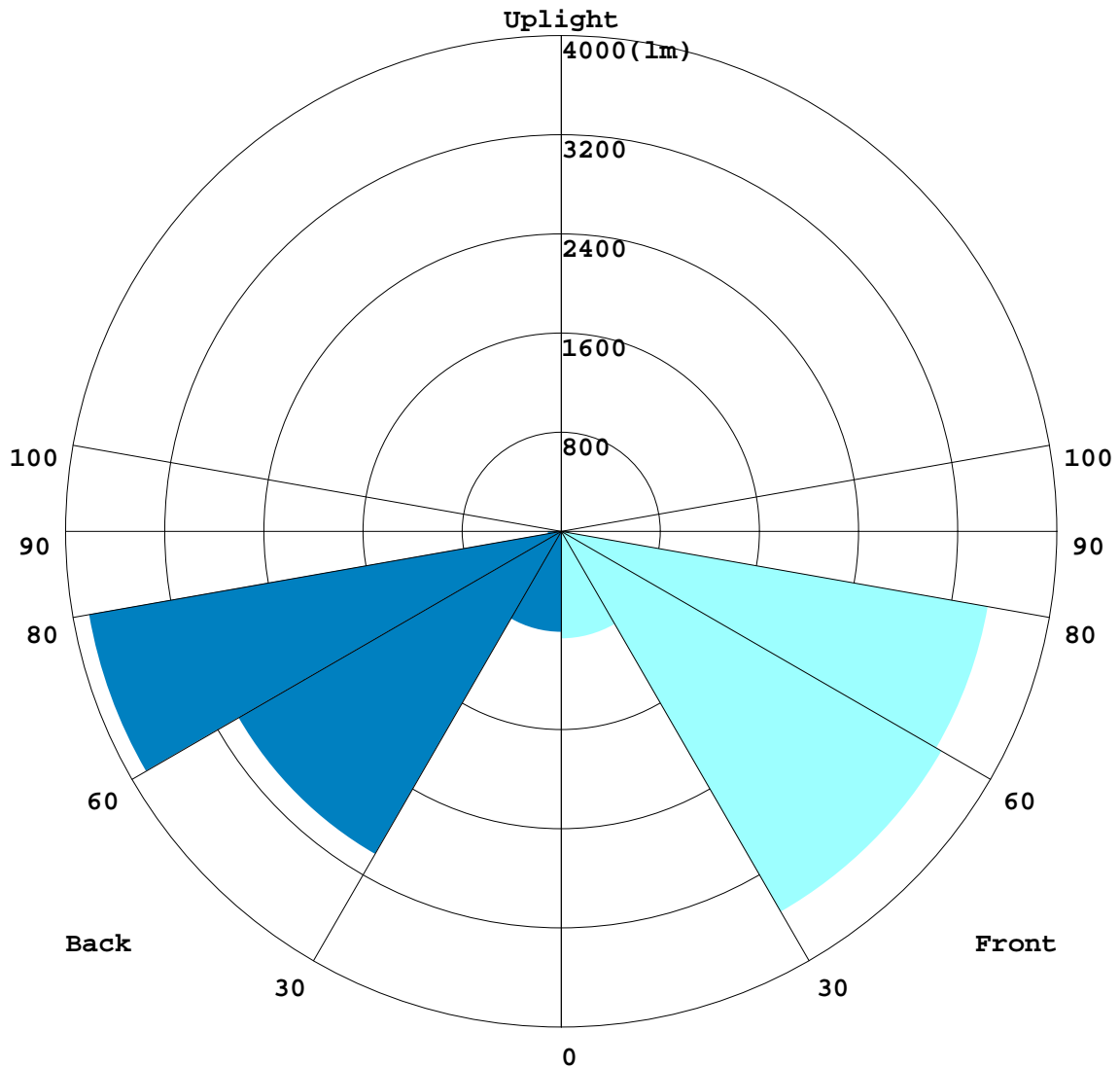
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-10-17

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:219.2V I:0.5345A P:114.2W PF:0.9743 Freq:49.99Hz Lamp Flux:15775.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-17

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:219.2V I:0.5345A P:114.2W PF:0.9743 Freq:49.99Hz Lamp Flux:15775.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	865.88	5.5
FM - Front-Medium(30-60)	3547.1	22.5
FH - Front-High(60-80)	3497.9	22.2
FVH - Front-Very High(80-90)	68.315	0.4
Total Forward Light	7979.2	50.6

BL - Back-Low(0-30)	812.89	5.2
BM - Back-Medium(30-60)	3006.7	19.1
BH - Back-High(60-80)	3869	24.5
BVH - Back-Very High(80-90)	107.51	0.7
Total Back Light	7796.1	49.4

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	B4-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	7796.1	0	7796.1
Street Side	7979.2	0	7979.2

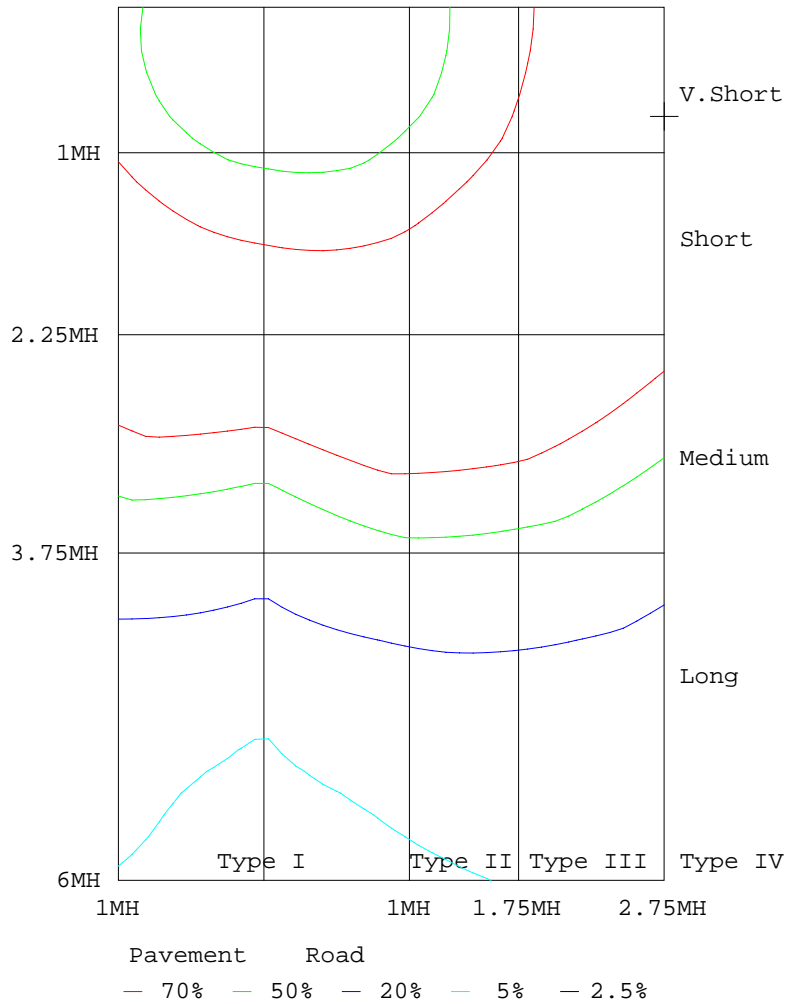
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-17

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:219.2V I:0.5345A P:114.2W PF:0.9743 Freq:49.99Hz Lamp Flux:15775.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115WoT-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-17

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:219.2V I:0.5345A P:114.2W PF:0.9743 Freq:49.99Hz Lamp Flux:15775.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	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	1832	1832	1832	1832	1832	1832	1832	1832	1832	1832	1832	1832	1832	1832	1832	1832	1832	1832	1832
5	1823	1828	1837	1843	1851	1858	1863	1858	1851	1843	1837	1828	1823	1818	1814	1814	1814	1817	1821
10	1838	1850	1868	1881	1897	1910	1921	1910	1897	1881	1868	1850	1838	1825	1815	1813	1812	1816	1823
15	1879	1900	1927	1946	1966	1981	1995	1981	1966	1946	1927	1900	1879	1859	1843	1840	1834	1839	1847
20	1946	1969	2006	2031	2055	2070	2087	2070	2055	2031	2006	1969	1946	1922	1903	1899	1889	1892	1897
25	2042	2074	2124	2152	2180	2190	2209	2190	2180	2152	2124	2074	2042	2011	1989	1983	1969	1965	1965
30	2206	2254	2322	2362	2400	2420	2480	2420	2400	2362	2322	2254	2206	2141	2111	2107	2080	2064	2059
35	2317	2350	2396	2449	2497	2557	2614	2557	2497	2449	2396	2350	2317	2271	2237	2230	2216	2216	2241
40	2381	2412	2465	2516	2580	2641	2702	2641	2580	2516	2465	2412	2381	2327	2278	2267	2265	2277	2300
45	2553	2597	2669	2733	2822	2903	2992	2903	2822	2733	2669	2597	2553	2467	2388	2366	2358	2383	2406
50	2849	2914	3018	3116	3236	3330	3469	3330	3236	3116	3018	2914	2849	2711	2589	2564	2533	2564	2585
55	3329	3425	3585	3728	3894	4002	4172	4002	3894	3728	3585	3425	3329	3120	2948	2931	2870	2908	2934
60	4076	4218	4430	4583	4751	4873	5061	4873	4751	4583	4430	4218	4076	3796	3581	3569	3481	3531	3535
65	4864	4936	5109	5311	5356	5412	5498	5412	5356	5311	5109	4936	4864	4700	4531	4555	4438	4475	4444
70	4210	4430	4376	4508	4368	4358	3980	4358	4368	4508	4376	4430	4210	4872	5035	5239	5304	5350	5281
75	1528	2218	2107	1978	1757	1577	917	1577	1757	1978	2107	2218	1528	2803	3502	3703	4015	3809	3010
80	213	329	352	346	339	281	199	281	339	346	352	329	213	315	514	387	700	500	367
85	88.8	122	170	147	142	93.6	77.1	93.6	142	147	170	122	88.8	136	234	214	328	243	182
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:2019-10-17

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:219.2V I:0.5345A P:114.2W PF:0.9743 Freq:49.99Hz Lamp Flux:15775.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-115Wot-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1832	1832	1832	1832	1832														
5	1817	1814	1814	1814	1818														
10	1816	1812	1813	1815	1825														
15	1839	1834	1840	1843	1859														
20	1892	1889	1899	1903	1922														
25	1965	1969	1983	1989	2011														
30	2064	2080	2107	2111	2141														
35	2216	2216	2230	2237	2271														
40	2277	2265	2267	2278	2327														
45	2383	2358	2366	2388	2467														
50	2564	2533	2564	2589	2711														
55	2908	2870	2931	2948	3120														
60	3531	3481	3569	3581	3796														
65	4475	4438	4555	4531	4700														
70	5350	5304	5239	5035	4872														
75	3809	4015	3703	3502	2803														
80	500	700	387	514	315														
85	243	328	214	234	136														
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:2019-10-17

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: