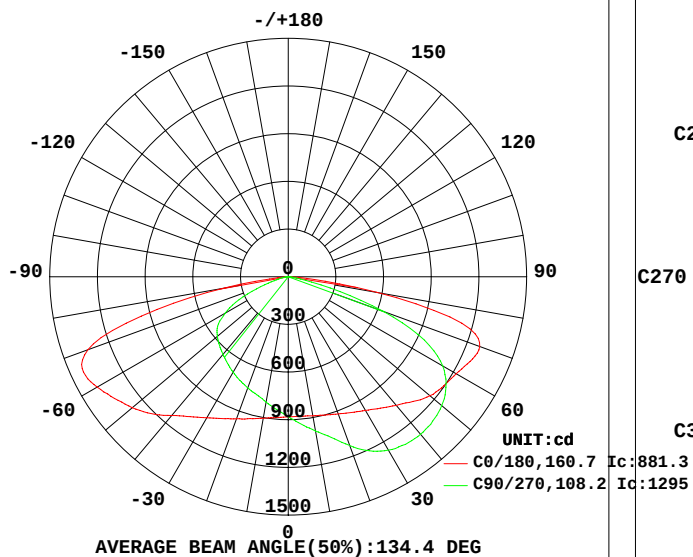
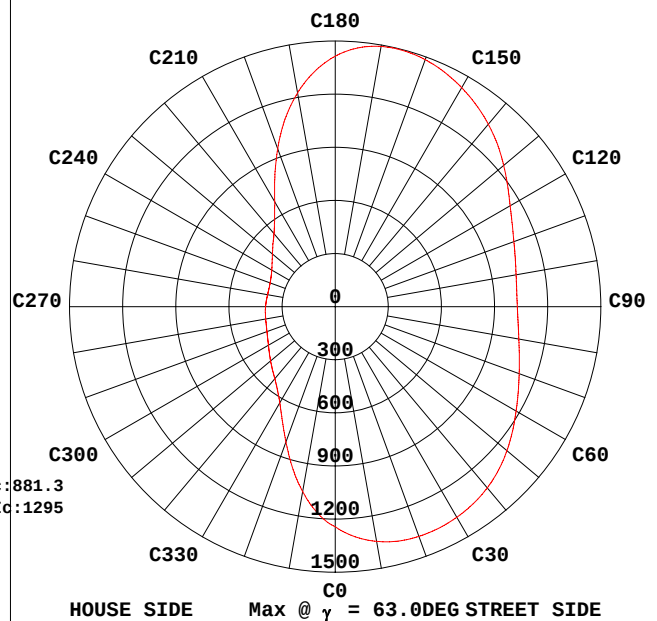


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.4V I:0.1455A P:30.37W PF:0.9514 Freq:60.01Hz Lamp Flux:4598.44x1 lm		
NAME: ILA	TYPE:	WEIGHT:
SPEC.:AOK-30WiLA-NVS-L3-00-4070-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:190*170mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 151.41 lm/W			
MODEL	3030	I _{max} (cd)	1496	η street_up(%)	0.0
NOMINAL POWER(W)	30	LOR(%)	100.0	η street_down(%)	63.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4598	η house_up(%)	0.0
NOMINAL FLUX(lm)	4598.44	MAXIMUM @(C,γ)	165,63.0	η house_down(%)	36.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.730

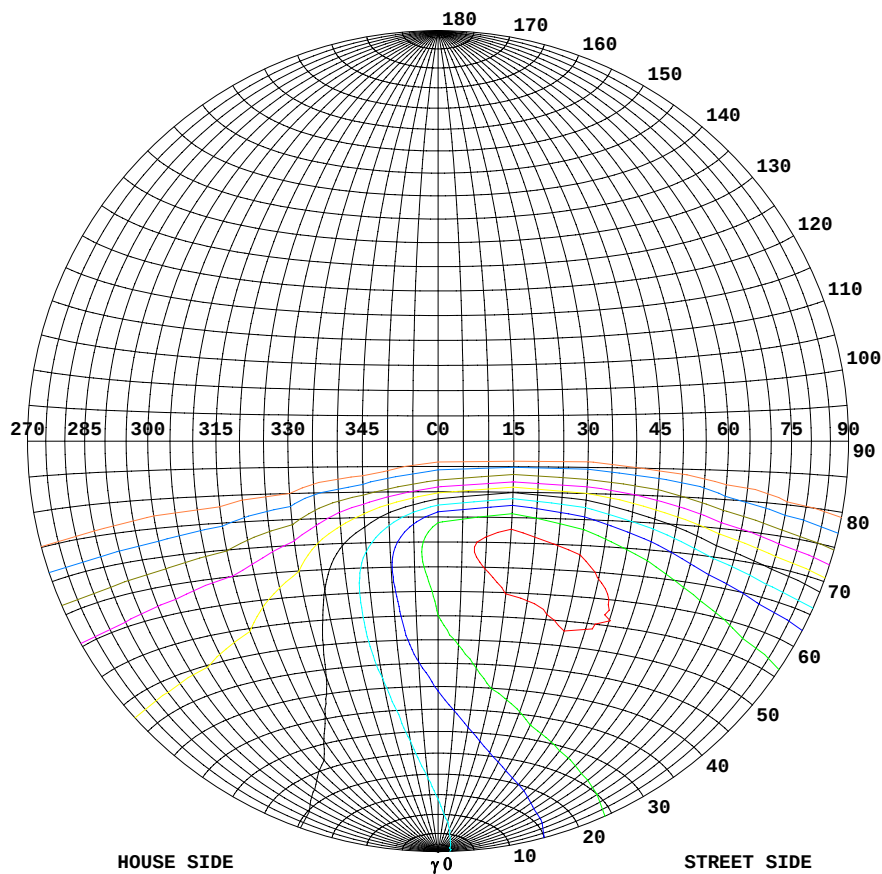
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-11

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:219.4V I:0.1455A P:30.37W PF:0.9514 Freq:60.01Hz Lamp Flux:4598.44x1 lm		
NAME: ILA	TYPE:	WEIGHT:
SPEC.:AOK-30WiLA-NVS-L3-00-4070-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:190*170mm	Shielding Angle:



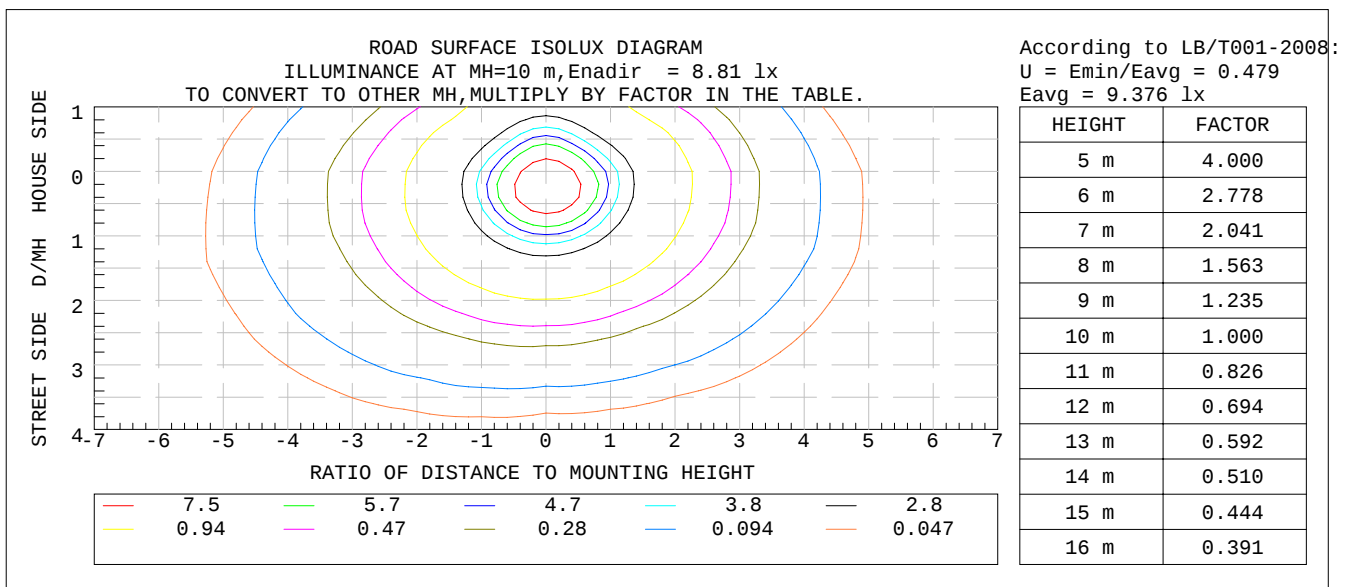
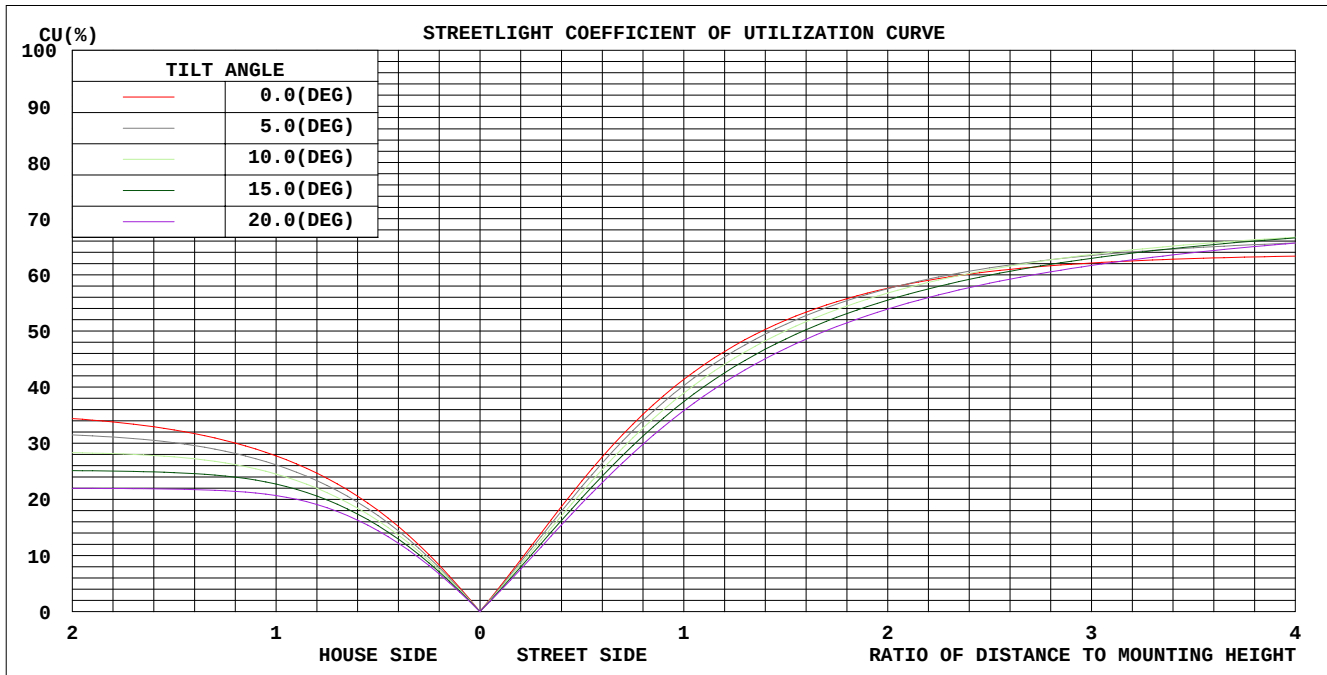
Classification:

IES:Type III - Short
 CIE:Average - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:159.9cd/klm
 Max.At90:0cd/klm
 Max.80-90:159.9cd/klm
 NRB 5101:Semi limited[25.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1496
90%	1347
80%	1197
70%	1047
60%	898
50%	748
40%	599
30%	449
20%	299
10%	150
5%	75

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-11

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: 2022-07-11

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:219.4V I:0.1455A P:30.37W PF:0.9514 Freq:60.01Hz Lamp Flux:4598.44x1 lm		
NAME: ILA	TYPE:	WEIGHT:
SPEC.:AOK-30WILA-NVS-L3-00-4070-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:190*170mm	Shielding Angle:

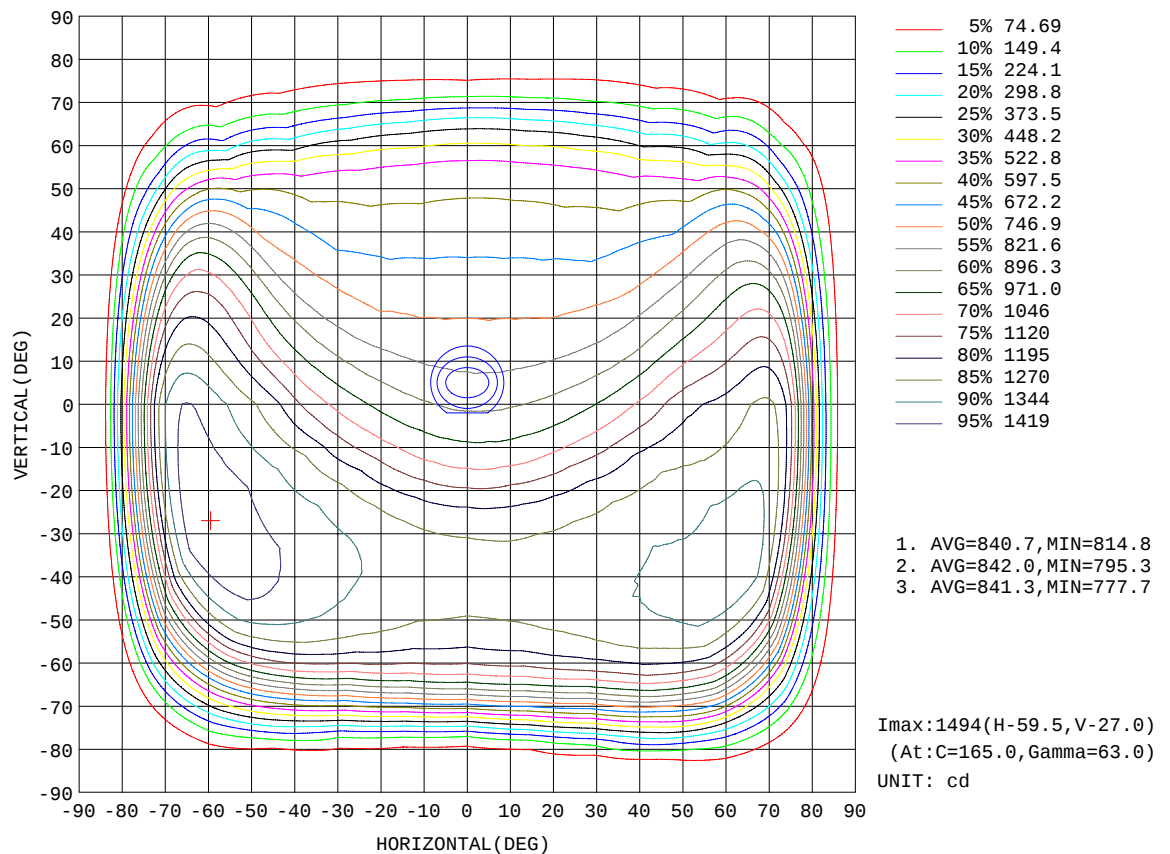
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum,lamp
10	888.7	955.9	985.9	969.4	904.0	833.5	801.1	825.7	0- 10	84.81	84.81	1.84,1.84
20	918.4	1061	1130	1093	951.2	788.9	745.0	779.4	10- 20	258.9	343.7	7.47,7.47
30	971.8	1210	1260	1254	1024	743.5	693.7	736.2	20- 30	445.7	789.4	17.2,17.2
40	1057	1301	1294	1346	1139	700.1	638.3	688.5	30- 40	632.0	1421	30.9,30.9
50	1164	1334	1260	1375	1281	648.7	582.7	630.6	40- 50	795.2	2217	48.2,48.2
60	1220	1330	1122	1343	1389	555.2	456.9	547.3	50- 60	910.9	3128	68,68
70	1282	1125	637.3	995.4	1341	260.0	185.4	294.0	60- 70	888.3	4016	87.3,87.3
80	565.9	381.8	65.70	234.7	402.0	40.22	32.07	51.19	70- 80	518.3	4534	98.6,98.6
90	0	0	0	0	0	0	0	0	80- 90	64.29	4598	100,100
100	0	0	0	0	0	0	0	0	90-100	0	4598	100,100
110	0	0	0	0	0	0	0	0	100-110	0	4598	100,100
120	0	0	0	0	0	0	0	0	110-120	0	4598	100,100
130	0	0	0	0	0	0	0	0	120-130	0	4598	100,100
140	0	0	0	0	0	0	0	0	130-140	0	4598	100,100
150	0	0	0	0	0	0	0	0	140-150	0	4598	100,100
160	0	0	0	0	0	0	0	0	150-160	0	4598	100,100
170	0	0	0	0	0	0	0	0	160-170	0	4598	100,100
180	0	0	0	0	0	0	0	0	170-180	0	4598	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:2022-07-11

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

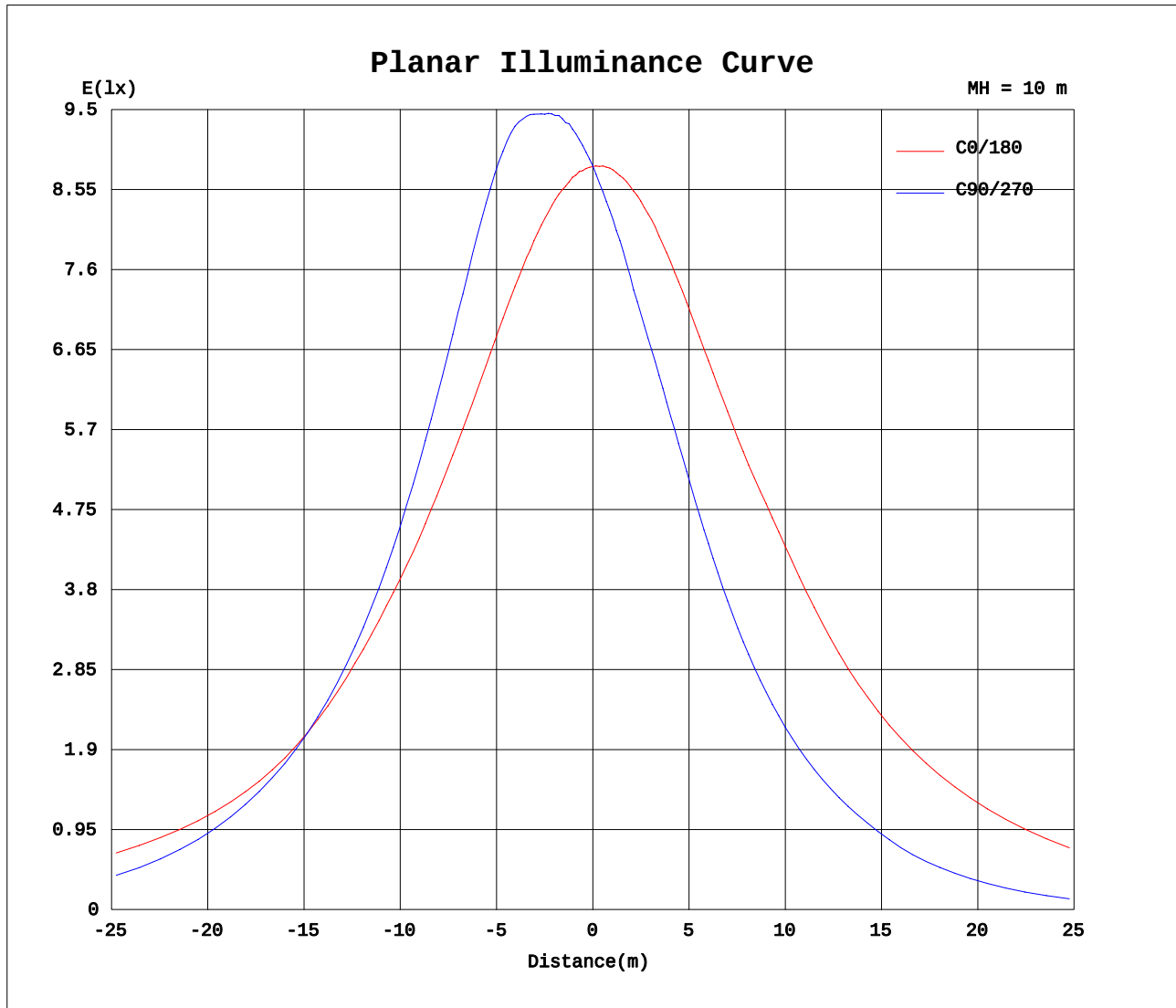
Test:U:219.4V I:0.1455A P:30.37W PF:0.9514 Freq:60.01Hz Lamp Flux:4598.44x1 lm		
NAME: ILA	TYPE:	WEIGHT:
SPEC.:AOK-30WILA-NVS-L3-00-4070-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:190*170mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-07-11

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



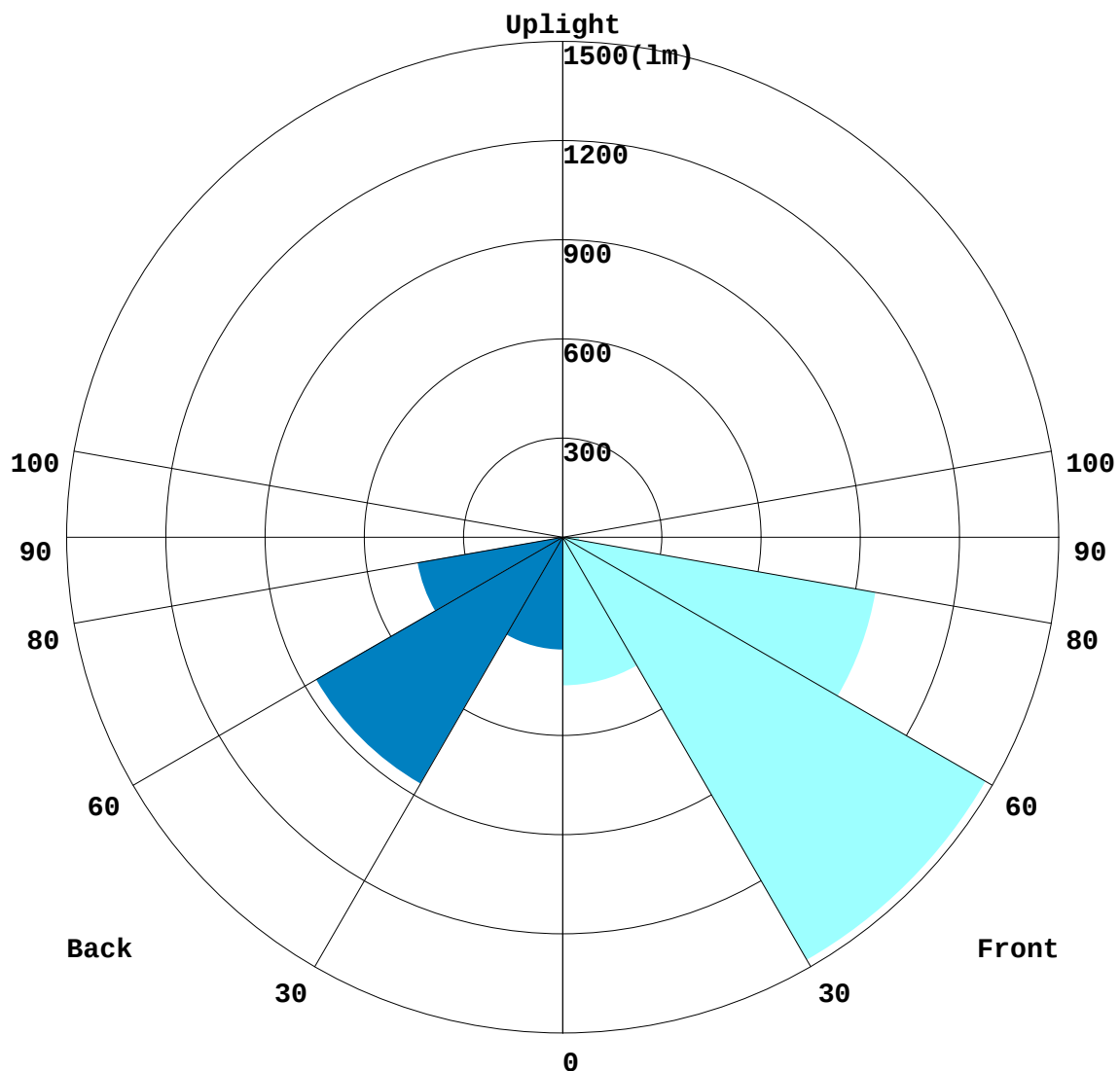
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-07-11

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:219.4V I:0.1455A P:30.37W PF:0.9514 Freq:60.01Hz Lamp Flux:4598.44x1 lm		
NAME: ILA	TYPE:	WEIGHT:
SPEC.:AOK-30WiLA-NVS-L3-00-4070-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:190*170mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-07-11

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:219.4V I:0.1455A P:30.37W PF:0.9514 Freq:60.01Hz Lamp Flux:4598.44x1 lm		
NAME: ILA	TYPE:	WEIGHT:
SPEC.:AOK-30WILA-NVS-L3-00-4070-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:190*170mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	449.02	9.8
FM - Front-Medium(30-60)	1477.2	32.1
FH - Front-High(60-80)	961.31	20.9
FVH - Front-Very High(80-90)	50.33	1.1
Total Forward Light	2937.9	63.9

BL - Back-Low(0-30)	340.39	7.4
BM - Back-Medium(30-60)	860.9	18.7
BH - Back-High(60-80)	445.29	9.7
BVH - Back-Very High(80-90)	13.957	0.3
Total Back Light	1660.5	36.1

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	B1-U0-G1
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1660.5	0	1660.5
Street Side	2937.9	0	2937.9

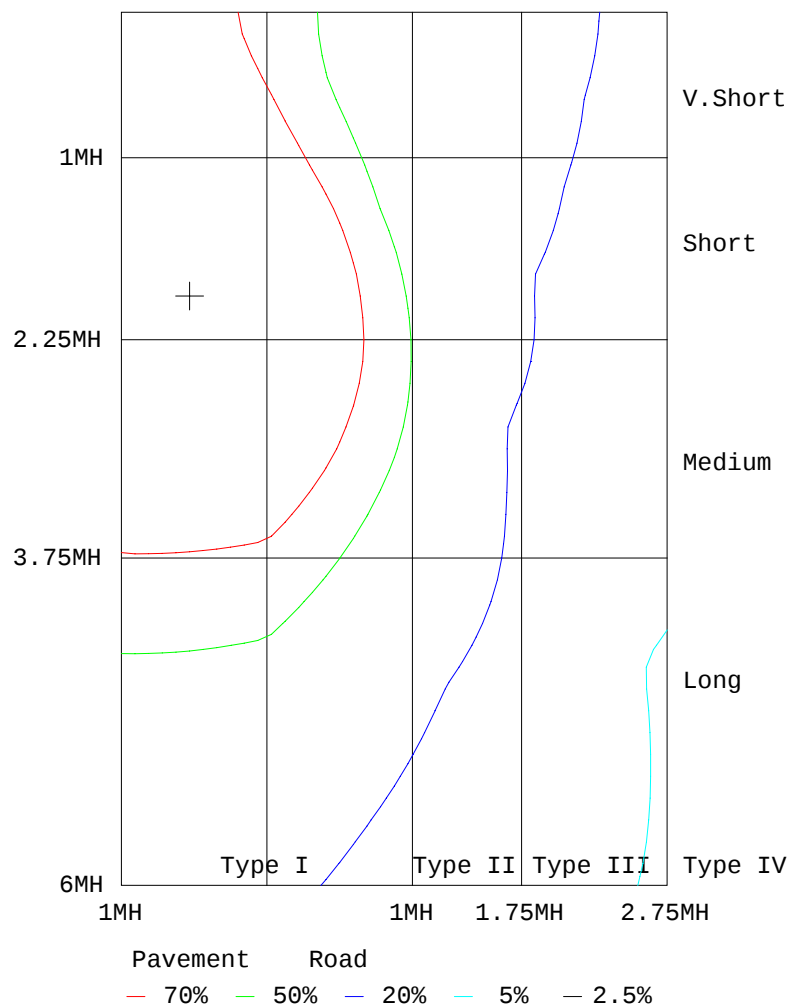
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-11

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:219.4V I:0.1455A P:30.37W PF:0.9514 Freq:60.01Hz Lamp Flux:4598.44x1 lm		
NAME: ILA	TYPE:	WEIGHT:
SPEC.:AOK-30WiLA-NVS-L3-00-4070-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:190*170mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-07-11

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:219.4V I:0.1455A P:30.37W PF:0.9514 Freq:60.01Hz Lamp Flux:4598.44x1 lm		
NAME: ILA	TYPE:	WEIGHT:
SPEC.:AOK-30WiLA-NVS-L3-00-4070-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:190*170mm	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	882	882	882	882	882	882	882	882	882	882	882	882	882	882	882	882	882	882	882
5	882	892	905	916	924	928	930	930	928	922	913	901	890	876	865	856	847	841	839
10	889	911	935	956	971	979	986	985	981	969	951	928	904	875	852	833	818	807	801
15	901	936	973	1001	1024	1037	1047	1047	1042	1025	1000	964	924	879	843	812	787	773	768
20	918	969	1019	1061	1098	1118	1130	1130	1119	1093	1059	1009	951	889	833	789	760	748	745
25	942	1013	1083	1142	1179	1197	1208	1210	1204	1179	1132	1062	985	899	823	767	737	723	721
30	972	1064	1158	1210	1237	1250	1260	1266	1266	1254	1215	1126	1024	913	811	743	712	697	694
35	1010	1129	1219	1262	1276	1281	1288	1301	1311	1313	1284	1208	1075	931	803	723	686	670	666
40	1057	1196	1269	1301	1302	1294	1294	1311	1330	1346	1337	1283	1139	955	795	700	658	642	638
45	1110	1250	1306	1325	1308	1294	1285	1302	1333	1369	1373	1338	1219	985	786	675	629	613	611
50	1164	1282	1332	1334	1305	1276	1260	1280	1322	1375	1404	1385	1281	1028	774	649	597	581	583
55	1196	1309	1353	1338	1286	1238	1212	1236	1295	1374	1433	1438	1335	1077	758	611	557	541	543
60	1220	1346	1369	1330	1238	1158	1122	1145	1223	1343	1444	1482	1389	1103	724	555	490	454	457
65	1262	1389	1372	1271	1120	1004	946	966	1057	1239	1401	1491	1421	1076	643	441	362	334	341
70	1282	1398	1310	1125	881	724	637	670	770	995	1228	1387	1341	934	466	260	204	182	185
75	1131	1248	1083	811	524	363	273	306	404	611	843	1046	957	583	202	113	91.5	82.9	75.7
80	566	735	601	382	170	83.0	65.7	71.0	110	235	370	459	402	171	57.3	40.2	39.7	31.6	32.1
85	117	138	126	57.5	32.4	21.1	11.6	16.8	24.6	28.4	45.6	40.8	29.9	9.83	7.16	5.77	6.68	5.88	6.55
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:2022-07-11

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:219.4V I:0.1455A P:30.37W PF:0.9514 Freq:60.01Hz Lamp Flux:4598.44x1 lm		
NAME: ILA	TYPE:	WEIGHT:
SPEC.:AOK-30WiLA-NVS-L3-00-4070-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:190*170mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	882	882	882	882	882														
5	840	843	851	859	869														
10	804	813	826	843	863														
15	771	782	803	827	861														
20	748	759	779	814	863														
25	725	736	758	800	867														
30	699	711	736	785	872														
35	672	685	712	771	879														
40	645	657	688	756	891														
45	617	627	661	742	910														
50	587	596	631	724	924														
55	548	560	596	698	935														
60	464	501	547	661	943														
65	351	387	453	598	932														
70	195	231	294	479	863														
75	86.9	102	134	253	645														
80	34.2	45.6	51.2	75.0	251														
85	6.86	8.58	8.44	10.6	21.6														
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:2022-07-11

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: