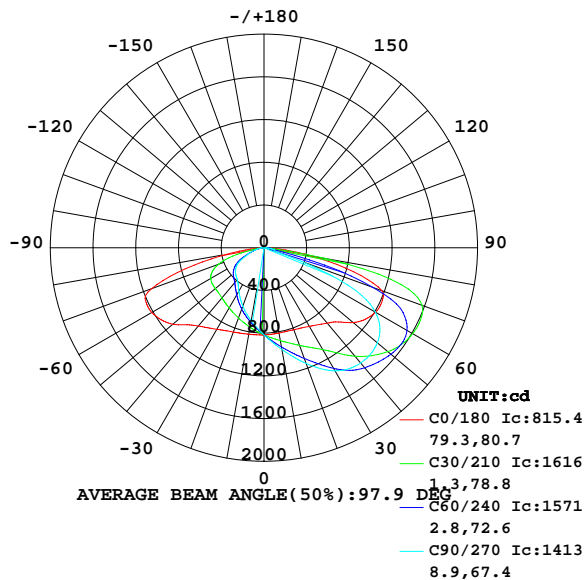


LUMINAIRE PHOTOMETRIC TEST REPORT

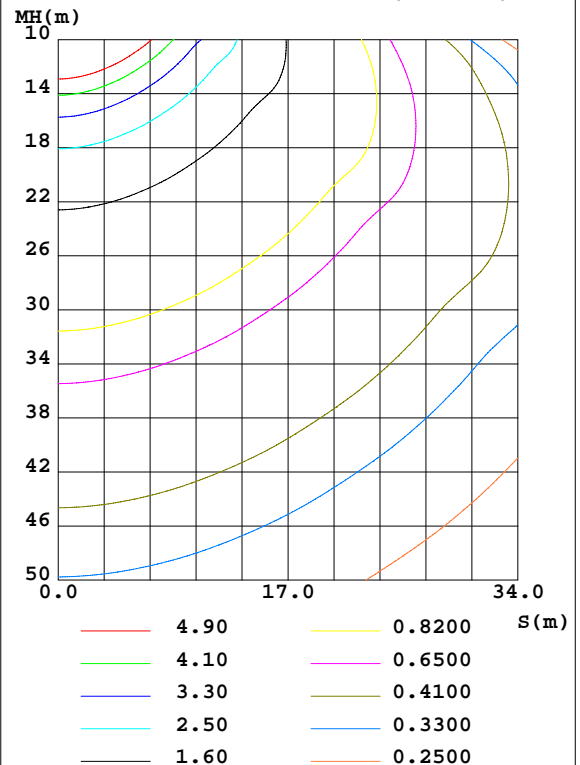
Test:U:22.24V I:1.159A P:25.78W PF:1.000 Freq:49.99Hz Lamp Flux:4470.54x1 lm		
NAME: AOK-I	TYPE:LED	WEIGHT:
SPEC.:AOK-25W-I-5050-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 173.44 lm/W			
MODEL	5050	I _{max} (cd)	1696	S/MH(C0/180)	1.78
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.89
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	4470.5	η UP,DN(C0-180)	0.1,69.7
NOMINAL FLUX(lm)	4470.54	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,30.0
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	1.75
TEST VOLTAGE(V)	220	η down(%)	99.7	CIBSE SHR MAX	1.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	811.2	916.5	966.8	923.6	822.9	729.8	693.5	724.9	0- 10	78.26	78.26	1.75,1.75
20	817.5	1045	1152	1063	840.3	648.3	582.1	640.6	10- 20	237.0	315.3	7.05,7.05
30	850.3	1229	1330	1251	882.3	568.1	470.7	560.1	20- 30	402.7	718.0	16.1,16.1
40	922.0	1462	1409	1468	957.1	497.5	390.3	483.6	30- 40	577.9	1296	29,29
50	1091	1612	1386	1607	1114	445.4	351.0	429.2	40- 50	754.1	2050	45.9,45.9
60	1206	1696	1203	1674	1213	366.2	273.0	354.8	50- 60	901.8	2952	66,66
70	1174	1531	376.2	1477	1118	197.0	135.8	206.8	60- 70	906.8	3859	86.3,86.3
80	459.8	367.6	81.91	261.3	357.0	52.41	54.78	62.33	70- 80	518.3	4377	97.9,97.9
90	9.372	33.28	1.705	22.39	1.732	1.697	0.1806	4.146	80- 90	79.04	4456	99.7,99.7
100	1.792	0.5297	0.3213	0.5735	1.684	2.078	0.9428	2.051	90-100	1.678	4458	99.7,99.7
110	2.507	0.8670	0.6974	0.9015	2.394	3.133	5.224	3.106	100-110	1.727	4459	99.8,99.8
120	2.711	1.192	1.609	1.182	2.727	3.706	6.655	3.862	110-120	2.381	4462	99.8,99.8
130	2.582	1.471	2.850	1.404	2.707	3.879	6.199	4.020	120-130	2.455	4464	99.9,99.9
140	2.405	1.659	2.920	1.585	2.617	3.675	5.501	3.906	130-140	2.203	4466	99.9,99.9
150	2.284	1.855	2.629	1.839	2.531	3.416	4.649	3.594	140-150	1.760	4468	99.9,99.9
160	2.676	2.283	2.417	2.332	2.547	3.208	3.684	3.364	150-160	1.304	4470	100,100
170	2.707	2.432	2.190	2.526	2.597	2.883	2.848	3.119	160-170	0.7818	4470	100,100
180	2.601	2.533	2.382	2.617	2.597	2.557	2.405	2.649	170-180	0.2516	4471	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1651.2 lm

%lum = 36.9%

%lamp = 36.9%

Conical surface Flux(120deg): 2951.8 lm

%lum = 66.0%

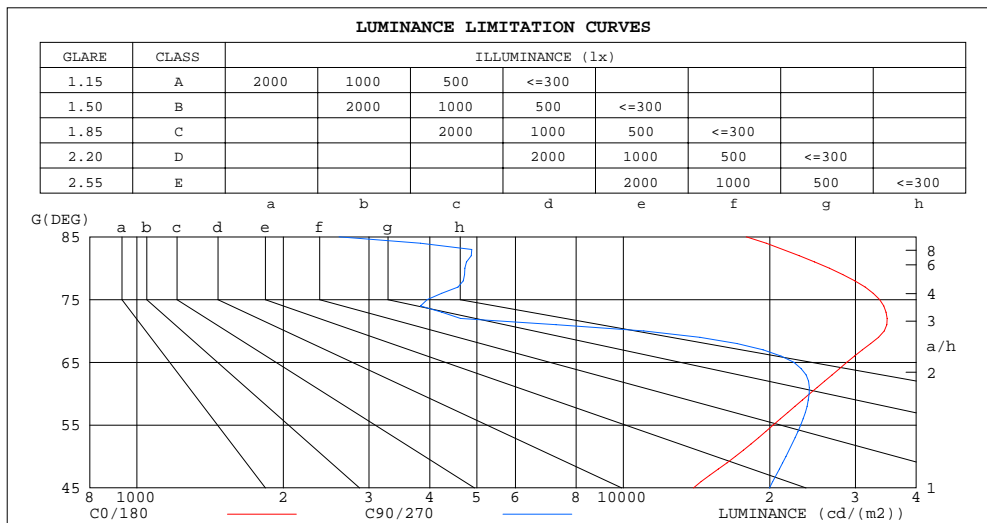
%lamp = 66.0%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:22.24V I:1.159A P:25.78W PF:1.000 Freq:49.99Hz Lamp Flux:4470.54x1 lm		
NAME: AOK-I	TYPE:LED	WEIGHT:
SPEC.:AOK-25W-I-5050-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	17891	2605
80	26525	4724
75	33636	3952
70	34379	11016
65	28799	22412
60	24154	24094
55	20324	23151
50	16995	21593
45	13932	19971

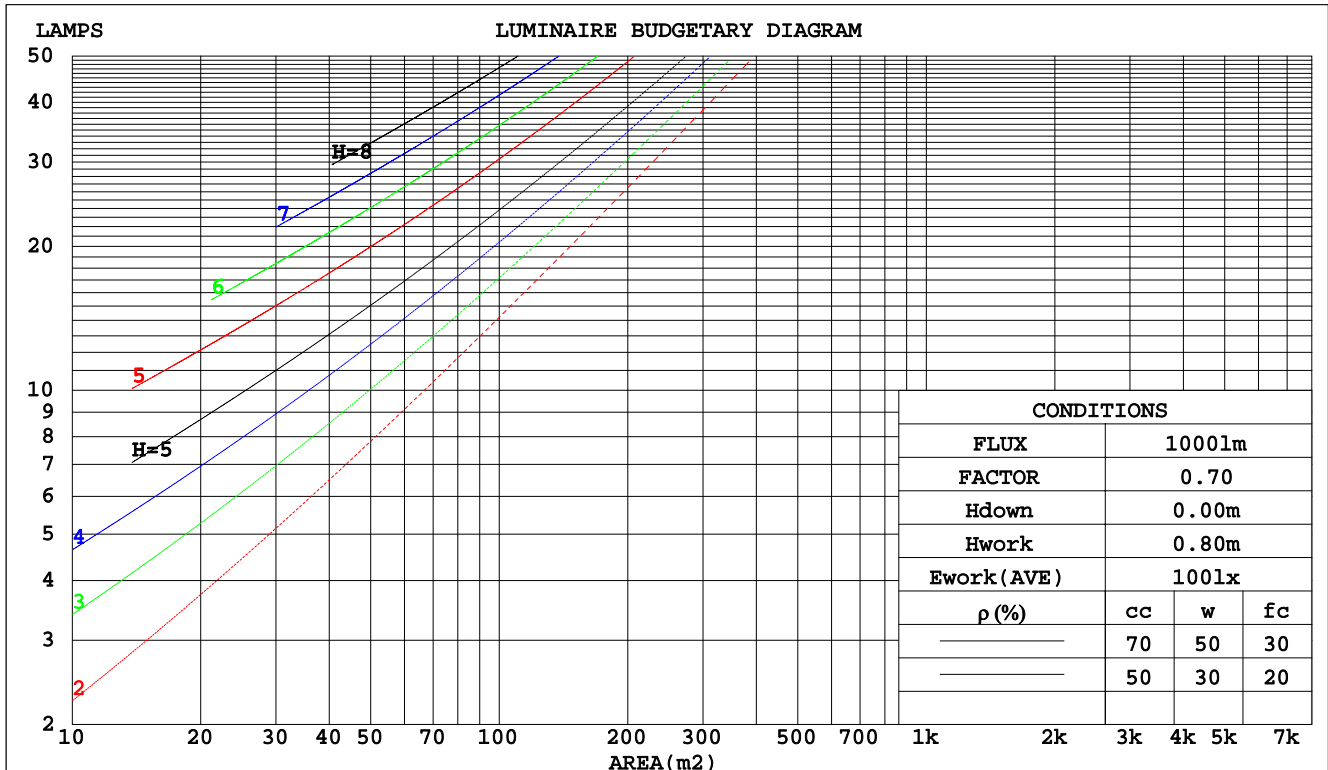
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:22.24V I:1.159A P:25.78W PF:1.000 Freq:49.99Hz Lamp Flux:4470.54x1 lm		
NAME: AOK-I	TYPE:LED	WEIGHT:
SPEC.:AOK-25W-I-5050-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.01	.96	.92	.99	.94	.90	.94	.91	.87	.90	.87	.84	.87	.84	.82	.79
2.0	.85	.77	.71	.83	.76	.70	.80	.73	.68	.76	.71	.66	.73	.69	.65	.62
3.0	.73	.63	.56	.71	.62	.55	.68	.60	.54	.65	.58	.53	.62	.57	.52	.50
4.0	.63	.53	.45	.61	.52	.45	.59	.51	.44	.56	.49	.43	.54	.48	.43	.40
5.0	.55	.45	.37	.54	.44	.37	.52	.43	.37	.49	.42	.36	.47	.41	.36	.33
6.0	.49	.39	.31	.48	.38	.31	.46	.37	.31	.44	.36	.31	.42	.35	.30	.28
7.0	.44	.34	.27	.43	.33	.27	.41	.33	.27	.39	.32	.26	.38	.31	.26	.24
8.0	.39	.30	.23	.39	.30	.23	.37	.29	.23	.36	.28	.23	.34	.28	.23	.21
9.0	.36	.27	.21	.35	.26	.21	.34	.26	.20	.33	.25	.20	.32	.25	.20	.18
10.0	.33	.24	.18	.32	.24	.18	.31	.23	.18	.30	.23	.18	.29	.23	.18	.16



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.684m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:22.24V I:1.159A P:25.78W PF:1.000 Freq:49.99Hz Lamp Flux:4470.54x1 lm		
NAME: AOK-I	TYPE:LED	WEIGHT:
SPEC.:AOK-25W-I-5050-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.361	.205	.065	.354	.202	.064	.340	.195	.062	.327	.189	.061	.316	.183	.059		
2.0	.340	.186	.057	.333	.184	.057	.321	.179	.055	.310	.174	.054	.299	.169	.053		
3.0	.312	.166	.050	.306	.164	.049	.295	.160	.049	.285	.156	.048	.275	.152	.047		
4.0	.284	.148	.043	.279	.146	.043	.269	.143	.043	.260	.140	.042	.252	.137	.042		
5.0	.260	.132	.038	.255	.131	.038	.246	.128	.038	.238	.126	.037	.231	.123	.037		
6.0	.238	.119	.034	.234	.118	.034	.226	.116	.034	.219	.114	.033	.212	.112	.033		
7.0	.220	.109	.031	.216	.108	.031	.209	.106	.030	.202	.104	.030	.196	.102	.030		
8.0	.203	.099	.028	.200	.099	.028	.194	.097	.028	.188	.095	.027	.183	.094	.027		
9.0	.189	.092	.026	.186	.091	.025	.181	.089	.025	.175	.088	.025	.170	.087	.025		
10.0	.177	.085	.024	.174	.084	.023	.169	.083	.023	.164	.082	.023	.160	.080	.023		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.186	.158	.133	.159	.136	.114	.109	.093	.079	.063	.054	.046	.020	.017	.015	
2.0	.181	.134	.095	.155	.116	.082	.106	.080	.057	.061	.046	.033	.020	.015	.011	
3.0	.175	.117	.071	.150	.101	.062	.103	.070	.043	.059	.041	.025	.019	.013	.008	
4.0	.168	.104	.056	.144	.090	.048	.099	.063	.034	.057	.037	.020	.018	.012	.007	
5.0	.161	.094	.045	.138	.082	.039	.095	.057	.028	.055	.033	.017	.018	.011	.005	
6.0	.153	.086	.038	.132	.075	.033	.091	.052	.024	.053	.031	.014	.017	.010	.005	
7.0	.146	.079	.033	.125	.069	.029	.087	.048	.020	.050	.028	.012	.016	.009	.004	
8.0	.139	.074	.029	.120	.064	.025	.083	.045	.018	.048	.026	.011	.016	.009	.004	
9.0	.132	.069	.026	.114	.060	.023	.079	.042	.016	.046	.025	.010	.015	.008	.003	
10.0	.126	.064	.024	.109	.056	.021	.075	.039	.015	.044	.023	.009	.014	.008	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:22.24V I:1.159A P:25.78W PF:1.000 Freq:49.99Hz Lamp Flux:4470.54x1 lm											
NAME: AOK-I					TYPE:LED			WEIGHT:			
SPEC.:AOK-25W-I-5050-T3					DIM.:			SERIAL No.:			
MFR.: AOK					SUR.:			Shielding Angle:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H	21.2	23.0	21.5	23.2	23.4	21.0	22.7	21.3	23.0	23.2	
	3H	24.2	25.8	24.5	26.1	26.3	22.2	23.8	22.5	24.1	24.3
	4H	25.3	26.8	25.6	27.1	27.3	22.1	23.6	22.5	23.9	24.2
	6H	25.7	27.2	26.1	27.4	27.7	22.0	23.5	22.4	23.8	24.1
	8H	25.8	27.2	26.1	27.5	27.8	22.0	23.4	22.4	23.7	24.0
	12H	25.8	27.1	26.2	27.5	27.8	22.0	23.3	22.3	23.6	24.0
4H	2H	22.7	24.2	23.0	24.5	24.7	22.5	24.0	22.8	24.3	24.6
	3H	25.8	27.2	26.2	27.5	27.8	24.0	25.3	24.3	25.6	25.9
	4H	27.0	28.2	27.4	28.6	28.9	24.0	25.2	24.3	25.5	25.9
	6H	27.4	28.5	27.8	28.9	29.3	23.9	25.0	24.3	25.4	25.7
	8H	27.5	28.5	27.9	28.9	29.3	23.9	24.9	24.3	25.3	25.7
	12H	27.5	28.5	27.9	28.8	29.3	23.8	24.8	24.3	25.2	25.6
8H	4H	27.4	28.4	27.8	28.8	29.2	24.9	26.0	25.4	26.4	26.8
	6H	28.0	28.9	28.5	29.3	29.7	24.9	25.8	25.4	26.2	26.6
	8H	28.1	28.9	28.6	29.3	29.7	24.9	25.7	25.4	26.1	26.6
	12H	28.1	28.8	28.6	29.2	29.7	24.9	25.6	25.4	26.0	26.5
12H	4H	27.4	28.3	27.8	28.7	29.1	25.0	26.0	25.5	26.4	26.8
	6H	28.0	28.8	28.5	29.2	29.7	25.0	25.8	25.5	26.2	26.7
	8H	28.1	28.7	28.6	29.2	29.7	25.0	25.7	25.5	26.1	26.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.4					+ 0.3 / - 0.3					
2.0H	+ 0.2 / - 0.5					+ 1.0 / - 1.3					

CIE Pub.117, 4471 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.2)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

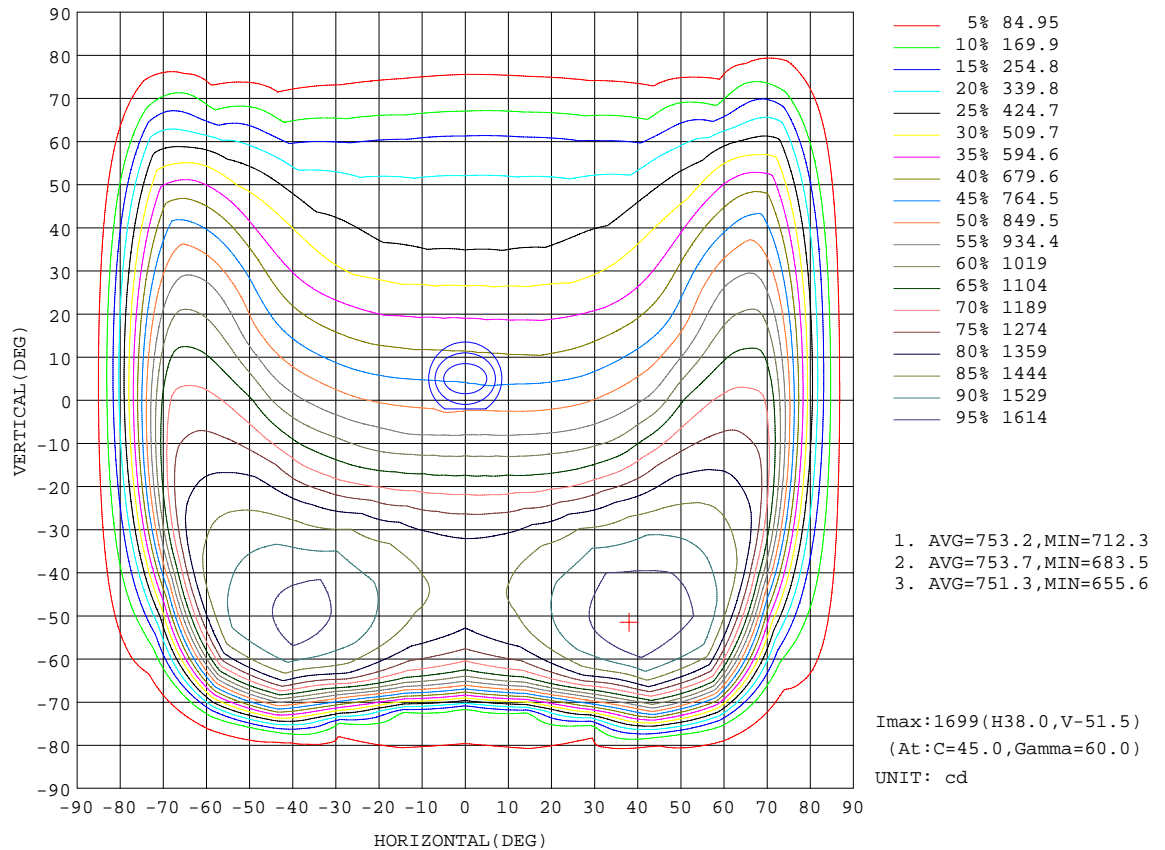
```

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

```

ISOCANDELA DIAGRAM

Test:U:22.24V I:1.159A P:25.78W PF:1.000 Freq:49.99Hz Lamp Flux:4470.54x1 lm		
NAME: AOK-I	TYPE:LED	WEIGHT:
SPEC.:AOK-25W-I-5050-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:	Shielding Angle:



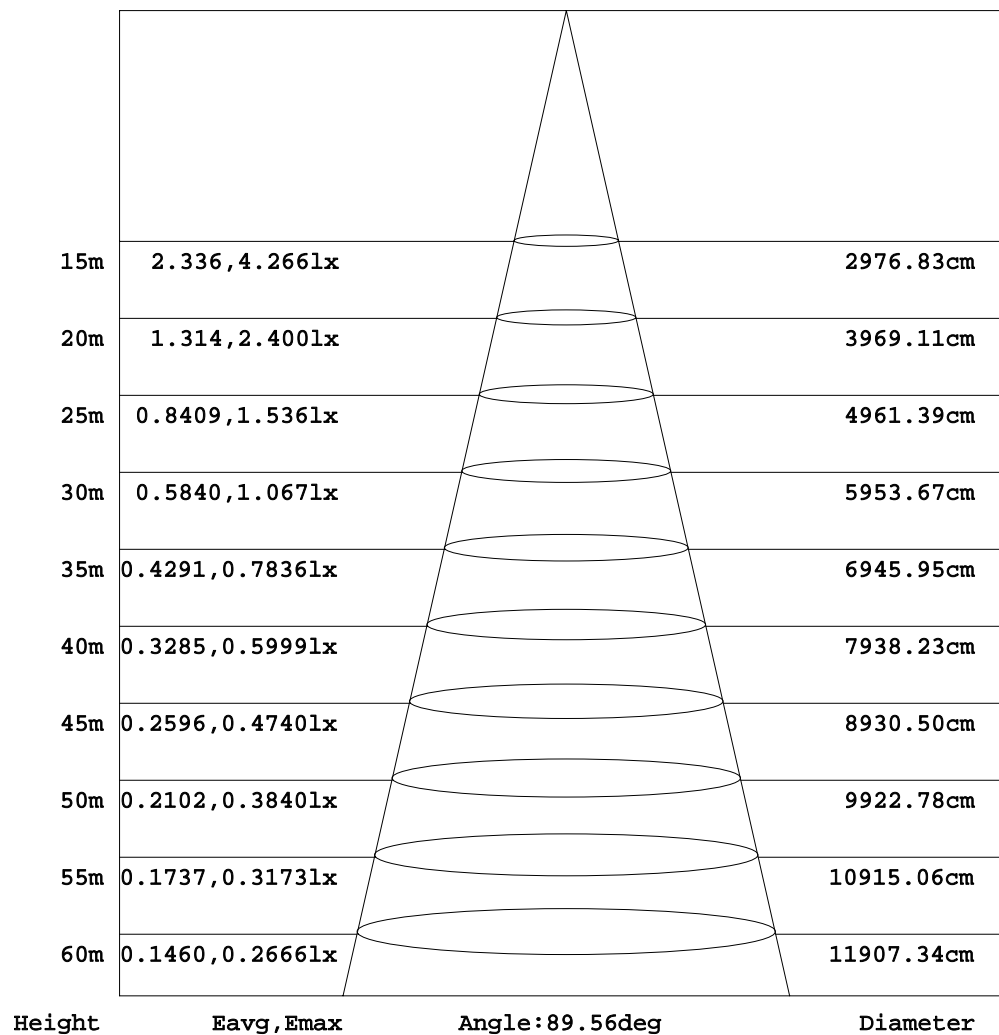
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

AAI Figure

Test:U:22.24V I:1.159A P:25.78W PF:1.000 Freq:49.99Hz Lamp Flux:4470.54x1 lm		
NAME: AOK-I	TYPE:LED	WEIGHT:
SPEC.:AOK-25W-I-5050-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:	Shielding Angle:

Flux out:1651 lm



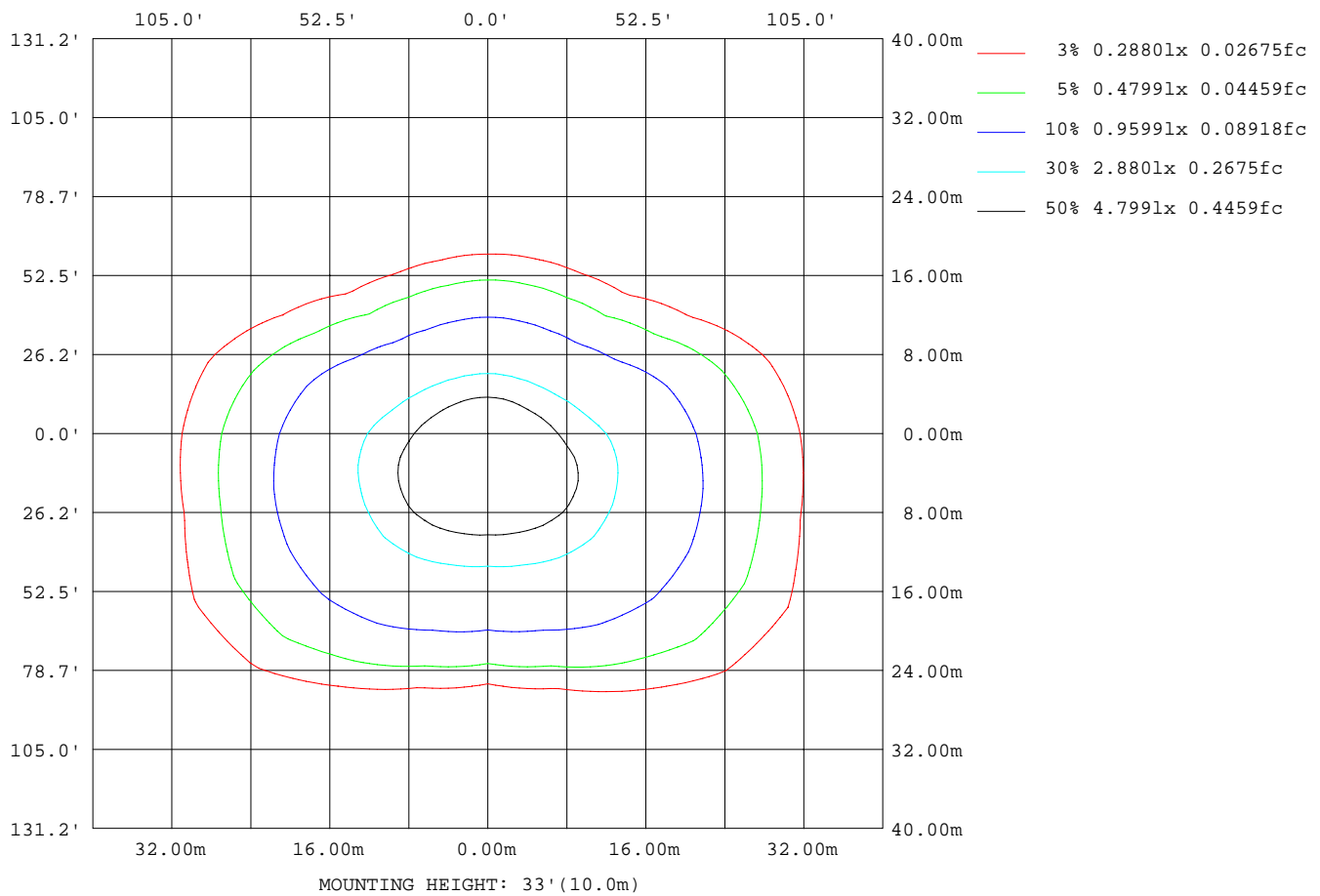
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.684m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:22.24V I:1.159A P:25.78W PF:1.000 Freq:49.99Hz Lamp Flux:4470.54x1 lm		
NAME: AOK-I	TYPE:LED	WEIGHT:
SPEC.:AOK-25W-I-5050-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:22.24V I:1.159A P:25.78W PF:1.000 Freq:49.99Hz Lamp Flux:4470.54x1 lm		
NAME: AOK-I	TYPE:LED	WEIGHT:
SPEC.:AOK-25W-I-5050-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:	Shielding Angle:

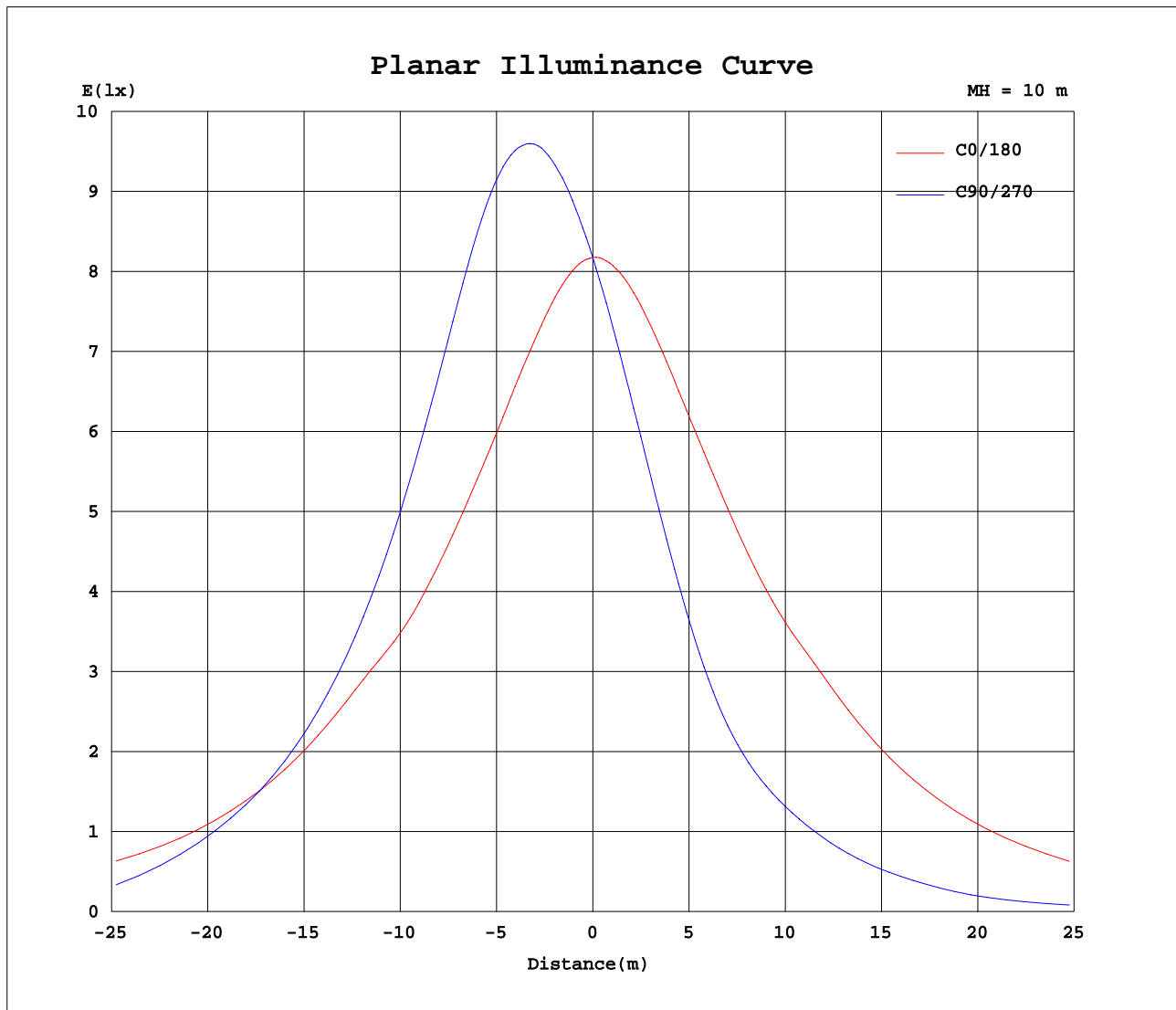
AvgL	cd/m2
L_0~180(65)av	28780
L_0~180(75)av	31513
L_0~180(85)av	13866
L_90~270(65)av	13506
L_90~270(75)av	3692
L_90~270(85)av	1860
L_45(65)av	22992
L_45(75)av	23095
L_45(85)av	5289

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.684m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:22.24V I:1.159A P:25.78W PF:1.000 Freq:49.99Hz Lamp Flux:4470.54x1 lm																			
NAME: AOK-I										TYPE:LED					WEIGHT:				
SPEC.:AOK-25W-I-5050-T3										DIM.:					SERIAL No.:				
MFR.: AOK										SUR.:					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	816	816	816	816	816	816	816	816	816	816	816	816	816	816	816	816	816	816	816
5	814	831	848	863	876	884	886	884	878	866	852	835	819	801	785	772	762	755	753
10	811	848	884	917	943	960	967	963	948	924	893	858	823	787	756	730	710	698	693
15	811	868	924	976	1018	1046	1058	1052	1029	989	939	884	829	775	727	689	660	643	638
20	818	895	974	1045	1103	1138	1152	1147	1117	1063	994	917	840	766	700	648	612	590	582
25	829	930	1030	1125	1198	1235	1248	1248	1217	1147	1057	957	857	760	675	608	560	534	525
30	850	974	1101	1229	1304	1325	1330	1339	1326	1251	1131	1008	882	759	652	568	511	480	471
35	881	1030	1205	1354	1401	1392	1384	1405	1418	1369	1223	1066	916	763	632	531	465	432	423
40	922	1123	1326	1462	1467	1429	1409	1441	1482	1468	1332	1141	957	772	614	498	427	397	390
45	983	1239	1429	1541	1514	1446	1410	1457	1525	1543	1427	1252	1021	790	601	470	400	376	371
50	1091	1342	1513	1612	1551	1440	1386	1448	1557	1607	1509	1342	1114	830	595	445	376	354	351
55	1164	1404	1574	1669	1570	1406	1326	1410	1568	1656	1562	1396	1176	893	591	413	343	321	319
60	1206	1438	1608	1696	1545	1311	1203	1316	1534	1674	1587	1423	1213	932	576	366	296	273	273
65	1215	1441	1614	1665	1438	1101	946	1110	1426	1629	1583	1421	1218	923	537	298	223	197	196
70	1174	1378	1575	1531	1087	597	376	584	1044	1477	1523	1288	1118	859	453	197	142	133	136
75	869	929	1327	1137	441	104	102	104	393	1027	1185	765	762	714	303	106	87.0	85.5	89.0
80	460	322	586	368	83.3	92.3	81.9	92.2	82.3	261	381	217	357	456	115	52.4	50.3	54.0	54.8
85	156	59.0	66.9	70.7	65.1	54.2	22.7	53.1	63.1	70.9	53.7	40.5	86.0	121	26.1	19.3	19.7	13.3	9.76
90	9.37	11.0	17.8	33.3	19.5	15.9	1.70	13.8	14.4	22.4	6.17	3.58	1.73	2.72	2.29	1.70	1.50	0.42	0.18
95	1.33	1.10	0.68	0.39	0.27	0.26	0.22	0.28	0.29	0.43	0.76	1.22	1.24	1.48	1.61	1.44	1.06	0.58	0.45
100	1.79	1.43	0.90	0.53	0.35	0.34	0.32	0.36	0.38	0.57	0.98	1.54	1.68	2.07	2.19	2.08	1.65	1.07	0.94
105	2.21	1.73	1.12	0.70	0.48	0.48	0.44	0.49	0.51	0.74	1.18	1.82	2.09	2.58	2.70	2.61	2.26	1.65	1.92
110	2.51	1.96	1.31	0.87	0.63	0.66	0.70	0.63	0.65	0.90	1.35	2.01	2.39	2.95	3.15	3.13	2.81	2.31	5.22
115	2.66	2.10	1.47	1.03	0.79	0.82	1.54	0.79	0.80	1.05	1.46	2.09	2.61	3.24	3.51	3.49	3.27	2.88	6.45
120	2.71	2.13	1.58	1.19	1.01	1.08	1.61	0.93	0.95	1.18	1.53	2.09	2.73	3.38	3.71	3.71	3.58	3.37	6.66
125	2.70	2.11	1.64	1.34	1.19	1.25	1.85	1.09	1.09	1.30	1.59	2.05	2.74	3.40	3.72	3.85	3.78	3.72	6.67
130	2.58	2.09	1.70	1.47	1.33	1.50	2.85	1.37	1.23	1.40	1.62	1.98	2.71	3.30	3.64	3.88	3.90	3.97	6.20
135	2.48	2.06	1.76	1.58	1.44	1.69	3.09	1.59	1.36	1.49	1.67	1.97	2.66	3.20	3.52	3.80	3.87	4.13	5.85
140	2.41	2.05	1.80	1.66	1.58	1.85	2.92	1.79	1.49	1.59	1.72	1.97	2.62	3.11	3.38	3.68	3.82	4.19	5.50
145	2.34	2.05	1.83	1.74	1.70	2.00	2.77	2.00	1.64	1.70	1.78	1.98	2.59	3.02	3.27	3.52	3.70	4.20	5.10
150	2.28	2.07	1.90	1.86	1.82	2.14	2.63	2.14	1.81	1.84	1.87	2.02	2.53	2.94	3.14	3.42	3.60	4.11	4.65
155	2.68	2.49	2.23	2.15	2.10	2.34	2.55	2.37	2.06	2.19	2.24	2.40	2.53	2.86	3.04	3.31	3.51	3.92	4.12
160	2.68	2.55	2.32	2.28	2.26	2.36	2.42	2.37	2.29	2.33	2.33	2.46	2.55	2.81	2.93	3.21	3.41	3.69	3.68
165	2.68	2.61	2.42	2.38	2.34	2.36	2.32	2.32	2.36	2.46	2.45	2.51	2.58	2.77	2.84	3.09	3.22	3.36	3.26
170	2.71	2.65	2.51	2.43	2.34	2.32	2.19	2.34	2.40	2.53	2.52	2.57	2.60	2.73	2.73	2.88	2.96	3.05	2.85
175	2.67	2.60	2.51	2.47	2.41	2.43	2.26	2.44	2.47	2.55	2.55	2.55	2.58	2.66	2.61	2.71	2.73	2.80	2.61
180	2.60	2.59	2.53	2.53	2.57	2.57	2.38	2.55	2.61	2.62	2.61	2.58	2.60	2.61	2.55	2.56	2.57	2.57	2.41

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:22.24V I:1.159A P:25.78W PF:1.000 Freq:49.99Hz Lamp Flux:4470.54x1 lm		
NAME: AOK-I	TYPE:LED	WEIGHT:
SPEC.:AOK-25W-I-5050-T3	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	816	816	816	816	816														
5	754	760	769	782	796														
10	697	708	725	749	778														
15	642	657	682	717	760														
20	588	608	641	687	747														
25	534	558	601	660	737														
30	480	509	560	636	733														
35	431	462	521	614	737														
40	397	422	484	593	745														
45	376	396	454	575	759														
50	356	375	429	566	785														
55	325	343	398	559	843														
60	280	298	355	545	903														
65	208	233	295	513	913														
70	139	153	207	448	868														
75	89.9	95.4	121	324	751														
80	55.0	54.6	62.3	133	521														
85	18.2	22.7	23.5	33.1	173														
90	0.72	2.83	4.15	5.67	9.22														
95	0.59	1.03	1.45	1.47	1.28														
100	1.05	1.57	2.05	2.06	1.84														
105	1.62	2.16	2.58	2.58	2.36														
110	2.28	2.71	3.11	3.03	2.77														
115	2.87	3.27	3.55	3.40	3.07														
120	3.51	3.72	3.86	3.61	3.18														
125	3.95	4.02	4.00	3.69	3.21														
130	4.15	4.12	4.02	3.64	3.21														
135	4.26	4.12	4.00	3.58	3.15														
140	4.30	4.04	3.91	3.50	3.08														
145	4.25	3.91	3.76	3.38	3.02														
150	4.07	3.75	3.59	3.25	2.98														
155	3.89	3.49	3.47	3.14	2.92														
160	3.65	3.49	3.36	3.06	2.90														
165	3.31	3.32	3.27	3.00	2.89														
170	3.02	3.10	3.12	2.96	2.88														
175	2.81	2.81	2.87	2.74	2.73														
180	2.56	2.61	2.65	2.61	2.59														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0000]
 Remarks: