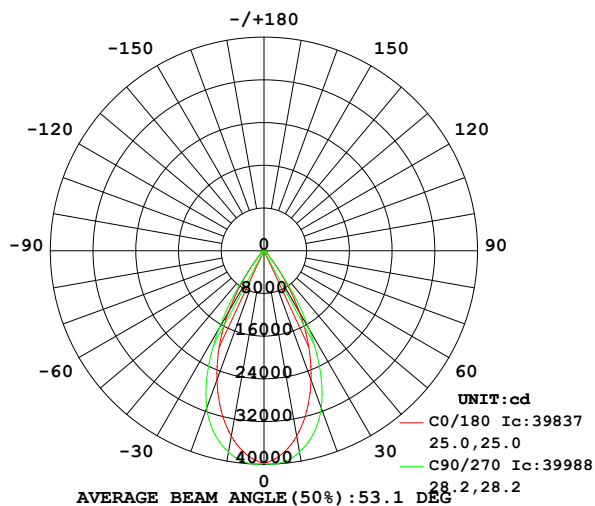


LUMINAIRE PHOTOMETRIC TEST REPORT

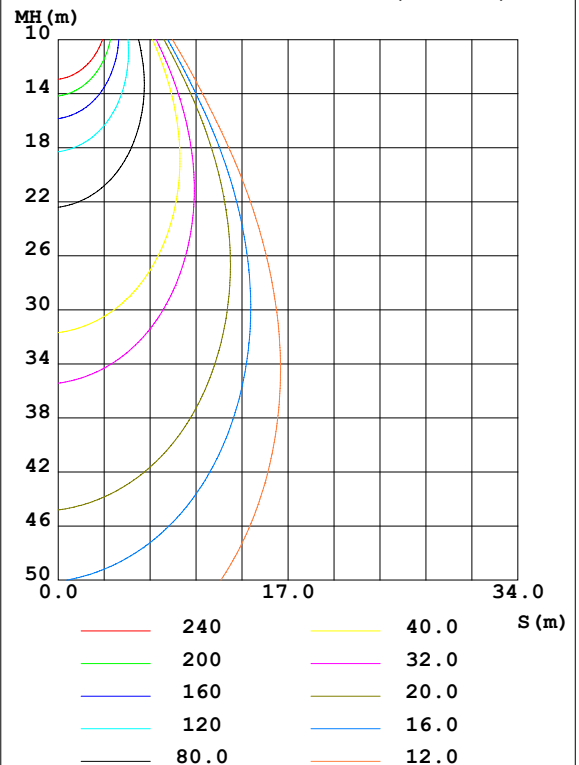
Test:U:220.8V I:0.9496A P:204.1W PF:0.9738 Freq:49.99Hz Lamp Flux:30238.2x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200Woh-3030-60D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:φ0.29M	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.12 lm/W			
MODEL	3030	I _{max} (cd)	39988	S/MH (C0/180)	0.77
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	0.84
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	30238	η UP,DN (C0-180)	0.0,50.0
NOMINAL FLUX (lm)	30238.2	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.85

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:2018-10-19

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	3526	3664	3828	3664	3526	3664	3828	3664	0- 10	3647	3647	12.1,12.1
20	2576	2817	3135	2817	2576	2817	3135	2817	10- 20	9199	12846	42.5,42.5
30	1347	1508	1691	1508	1347	1508	1691	1508	20- 30	10011	22857	75.6,75.6
40	277.5	295.5	282.3	295.5	277.5	295.5	282.3	295.5	30- 40	4979	27836	92.1,92.1
50	72.27	75.13	73.45	75.13	72.27	75.13	73.45	75.13	40- 50	1027	28863	95.5,95.5
60	58.60	58.51	57.77	58.51	58.60	58.51	57.77	58.51	50- 60	583.1	29446	97.4,97.4
70	38.63	37.86	36.53	37.86	38.63	37.86	36.53	37.86	60- 70	478.1	29924	99,99
80	12.95	13.56	13.28	13.56	12.95	13.56	13.28	13.56	70- 80	275.7	30200	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	38.64	30238	100,100
100	0	0	0	0	0	0	0	0	90-100	0	30238	100,100
110	0	0	0	0	0	0	0	0	100-110	0	30238	100,100
120	0	0	0	0	0	0	0	0	110-120	0	30238	100,100
130	0	0	0	0	0	0	0	0	120-130	0	30238	100,100
140	0	0	0	0	0	0	0	0	130-140	0	30238	100,100
150	0	0	0	0	0	0	0	0	140-150	0	30238	100,100
160	0	0	0	0	0	0	0	0	150-160	0	30238	100,100
170	0	0	0	0	0	0	0	0	160-170	0	30238	100,100
180	0	0	0	0	0	0	0	0	170-180	0	30238	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 28505 lm

%lum = 94.3%

%lamp = 94.3%

Conical surface Flux(120deg): 29446 lm

%lum = 97.4%

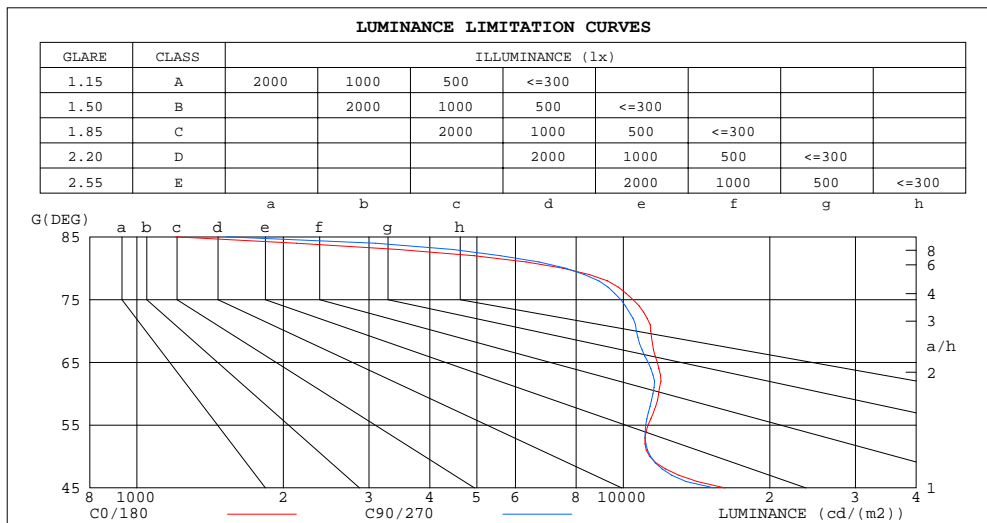
%lamp = 97.4%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-10-19

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:220.8V I:0.9496A P:204.1W PF:0.9738 Freq:49.99Hz Lamp Flux:30238.2x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200Woh-3030-60D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:Φ0.29M	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1201	1525
80	7516	7611
75	10469	9878
70	11385	10633
65	11745	11251
60	11815	11501
55	11241	11124
50	11333	11375
45	16186	15370

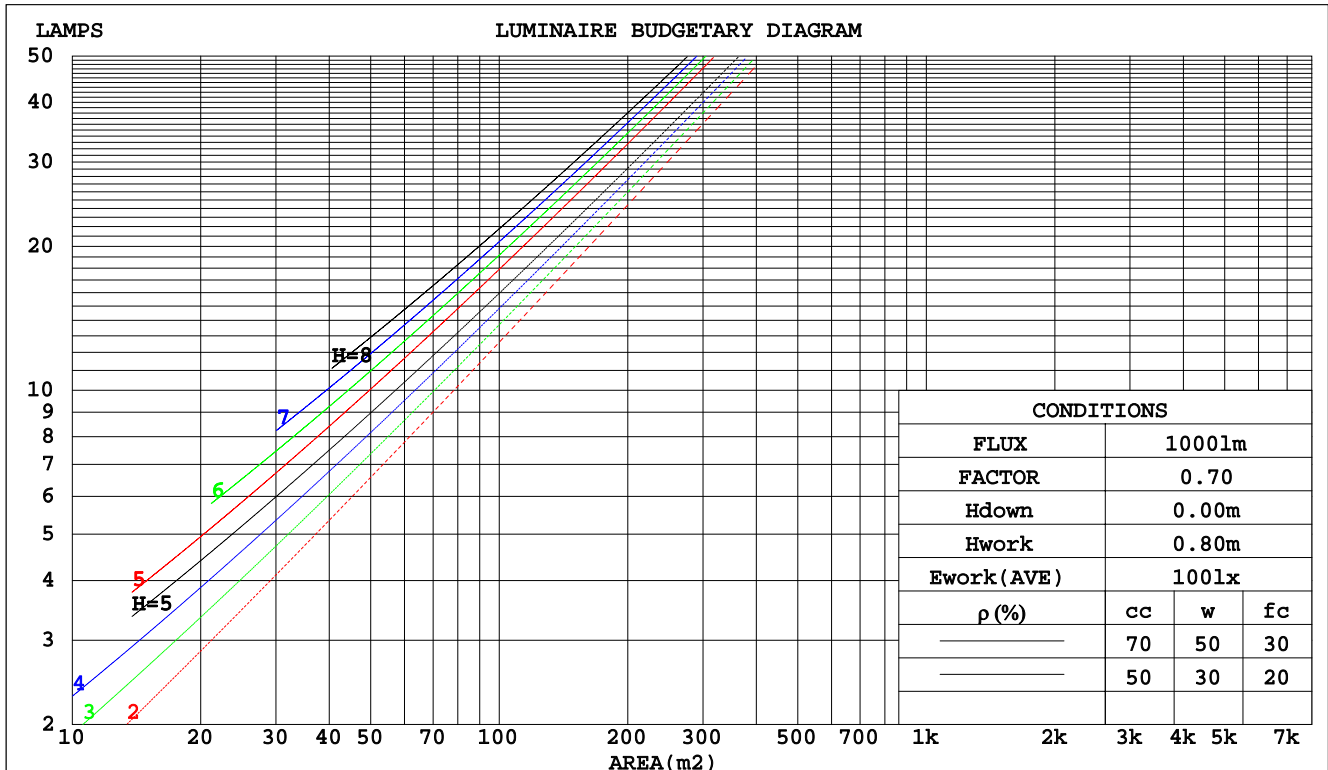
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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:220.8V I:0.9496A P:204.1W PF:0.9738 Freq:49.99Hz Lamp Flux:30238.2x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200Woh-3030-60D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:Φ0.29M	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															



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-10-19

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:220.8V I:0.9496A P:204.1W PF:0.9738 Freq:49.99Hz Lamp Flux:30238.2x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-60D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:φ0.29M	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	.182	.103	.033	.175	.100	.032	.162	.093	.030	.151	.087	.028	.140	.081	.026		
2.0	.173	.095	.029	.167	.092	.028	.156	.087	.027	.147	.082	.026	.138	.078	.025		
3.0	.163	.087	.026	.159	.085	.026	.150	.081	.025	.141	.077	.024	.133	.074	.023		
4.0	.155	.080	.024	.151	.079	.023	.143	.076	.023	.135	.073	.022	.129	.070	.021		
5.0	.147	.075	.022	.143	.073	.021	.136	.071	.021	.130	.069	.020	.124	.066	.020		
6.0	.139	.070	.020	.136	.069	.020	.130	.067	.019	.125	.065	.019	.120	.063	.019		
7.0	.133	.066	.019	.130	.065	.018	.125	.063	.018	.120	.061	.018	.115	.060	.018		
8.0	.127	.062	.017	.124	.061	.017	.120	.060	.017	.115	.058	.017	.111	.057	.017		
9.0	.121	.059	.016	.119	.058	.016	.115	.057	.016	.111	.056	.016	.107	.054	.016		
10.0	.116	.056	.015	.114	.055	.015	.111	.054	.015	.107	.053	.015	.104	.052	.015		

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.171	.157	.145	.147	.135	.124	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.132	.112	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.089	.123	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.060	.107	.075	.052	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.101	.067	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.111	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.105	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.100	.059	.031	.086	.051	.027	.059	.036	.019	.035	.021	.012	.011	.007	.004	
10.0	.095	.054	.028	.082	.047	.024	.057	.033	.017	.033	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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:220.8V I:0.9496A P:204.1W PF:0.9738 Freq:49.99Hz Lamp Flux:30238.2x1 lm										
NAME: AOK oH					TYPE:LED			WEIGHT:6KG		
SPEC.:AOK-200WoH-3030-60D					DIM.: 0.4*0.141M			SERIAL No.:1		
MFR.: AOK					SUR.:±0.29M			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	7.0	7.9	7.2	8.1	8.2	7.6	8.5	7.8	8.7	8.9
3H	7.4	8.3	7.7	8.5	8.7	7.9	8.8	8.2	9.0	9.2
4H	7.7	8.5	8.0	8.7	8.9	8.1	8.9	8.4	9.1	9.4
6H	7.8	8.6	8.1	8.8	9.1	8.2	9.0	8.5	9.2	9.5
8H	7.8	8.6	8.1	8.8	9.1	8.2	8.9	8.5	9.2	9.5
12H	7.8	8.5	8.1	8.8	9.0	8.2	8.9	8.5	9.1	9.4
4H 2H	7.0	7.8	7.3	8.1	8.3	7.6	8.4	7.9	8.6	8.8
3H	7.7	8.4	8.0	8.7	8.9	8.1	8.8	8.4	9.1	9.3
4H	8.0	8.7	8.4	9.0	9.3	8.4	9.0	8.7	9.3	9.6
6H	8.3	8.8	8.6	9.2	9.5	8.6	9.1	8.9	9.5	9.8
8H	8.3	8.8	8.7	9.1	9.5	8.6	9.1	9.0	9.4	9.8
12H	8.2	8.7	8.6	9.1	9.5	8.5	9.0	8.9	9.4	9.8
8H 4H	8.1	8.6	8.5	9.0	9.4	8.4	9.0	8.8	9.3	9.7
6H	8.4	8.8	8.8	9.2	9.6	8.7	9.1	9.1	9.5	9.9
8H	8.4	8.8	8.9	9.2	9.7	8.7	9.1	9.2	9.5	9.9
12H	8.4	8.7	8.8	9.1	9.6	8.7	9.0	9.1	9.4	9.9
12H 4H	8.1	8.6	8.5	8.9	9.3	8.4	8.9	8.8	9.2	9.6
6H	8.4	8.8	8.8	9.2	9.6	8.7	9.0	9.1	9.5	9.9
8H	8.4	8.7	8.9	9.2	9.6	8.7	9.0	9.2	9.5	9.9
Variations with the observer position at spacings:										
S = 1.0H	+ 1.6 / - 1.3					+ 1.9 / - 1.5				
1.5H	+ 3.2 / - 1.3					+ 3.8 / - 1.4				
2.0H	+ 0.4 / - 0.4					+ 0.3 / - 0.3				

CIE Pub.117, 30238 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 11.8$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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:

UTILIZATION FACTORS TABLE

Test:U:220.8V I:0.9496A P:204.1W PF:0.9738 Freq:49.99Hz Lamp Flux:30238.2x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-60D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:Φ0.29M	Shielding Angle:

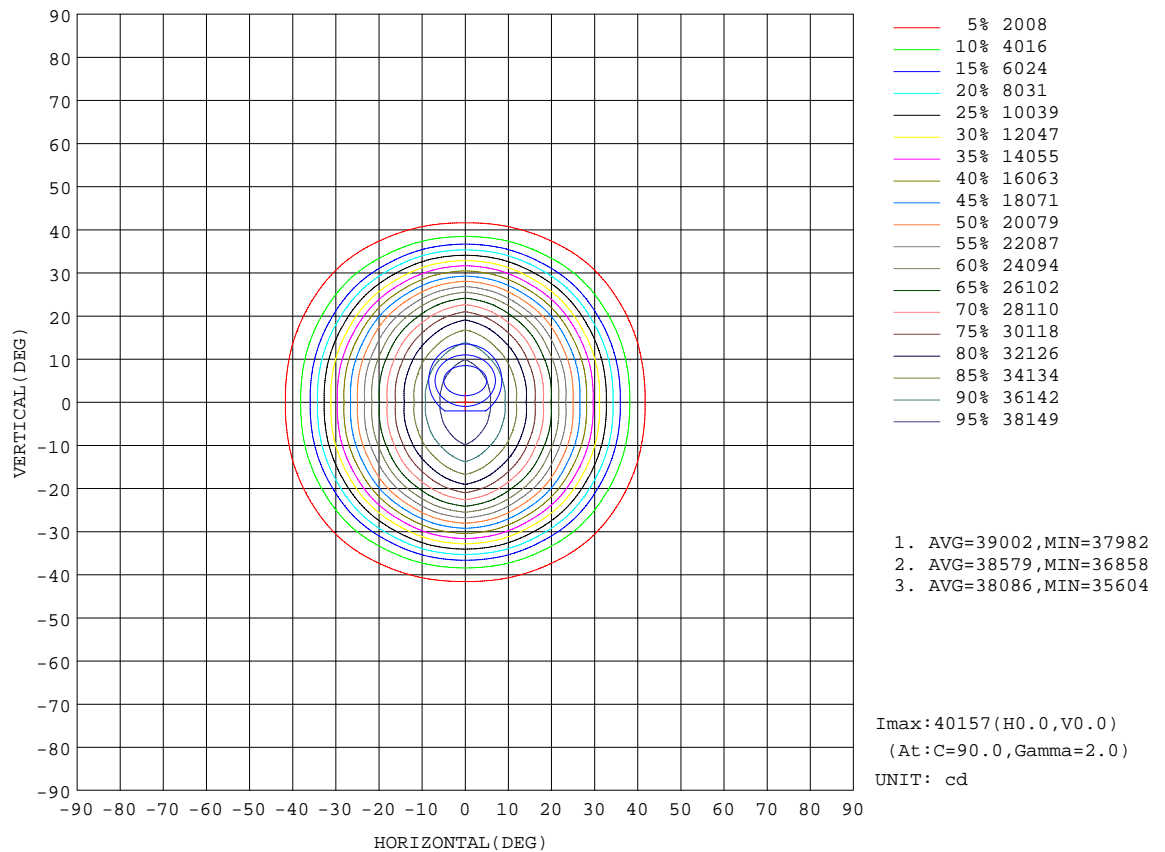
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	87	80	76	86	80	76	85	80	76	73
0.80	94	88	84	93	88	84	92	87	84	80
1.00	98	93	89	98	92	89	96	92	88	84
1.25	102	97	93	101	97	93	99	95	92	88
1.50	105	100	97	104	100	96	102	98	95	91
2.00	108	104	100	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	106	104	106	104	102	95
4.00	114	111	108	111	109	107	108	106	104	97
5.00	115	112	111	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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:220.8V I:0.9496A P:204.1W PF:0.9738 Freq:49.99Hz Lamp Flux:30238.2x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-60D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:Φ0.29M	Shielding Angle:



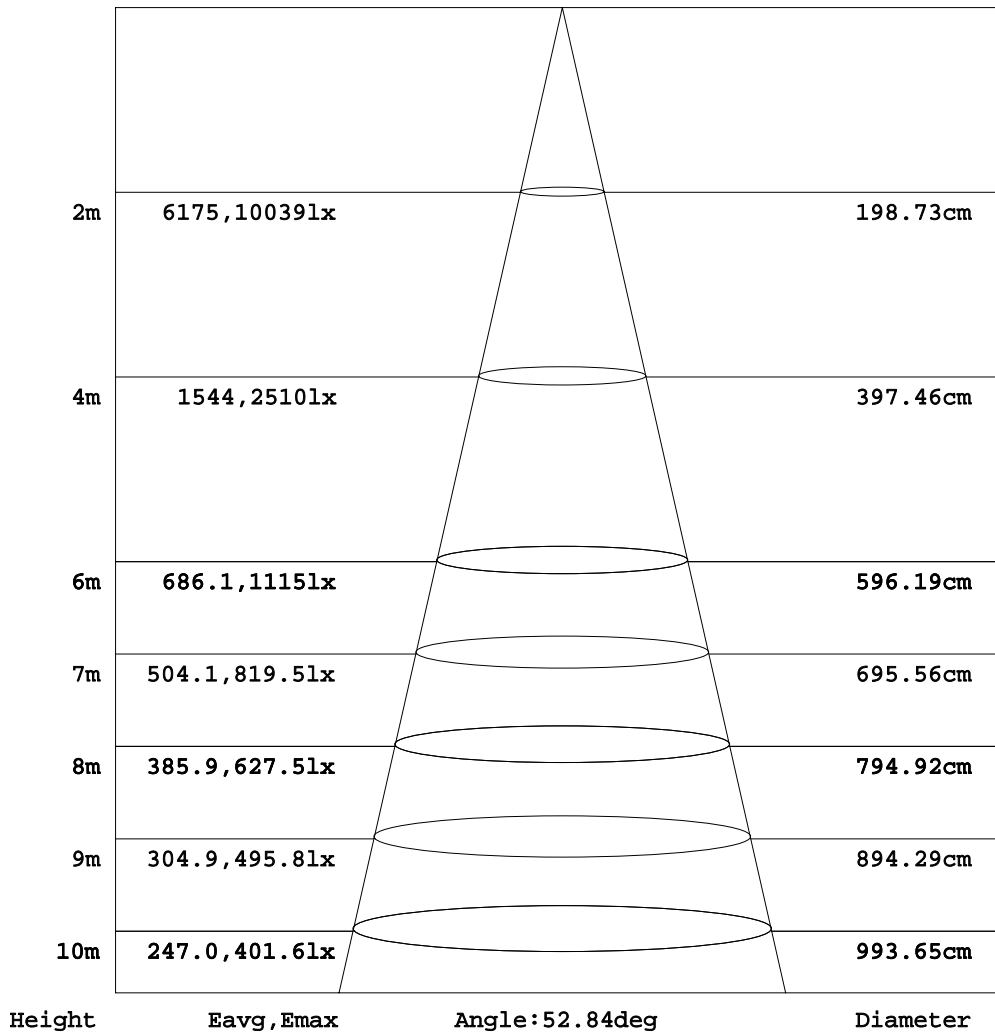
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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:220.8V I:0.9496A P:204.1W PF:0.9738 Freq:49.99Hz Lamp Flux:30238.2x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200Woh-3030-60D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:φ0.29M	Shielding Angle:

Flux out:20146 lm



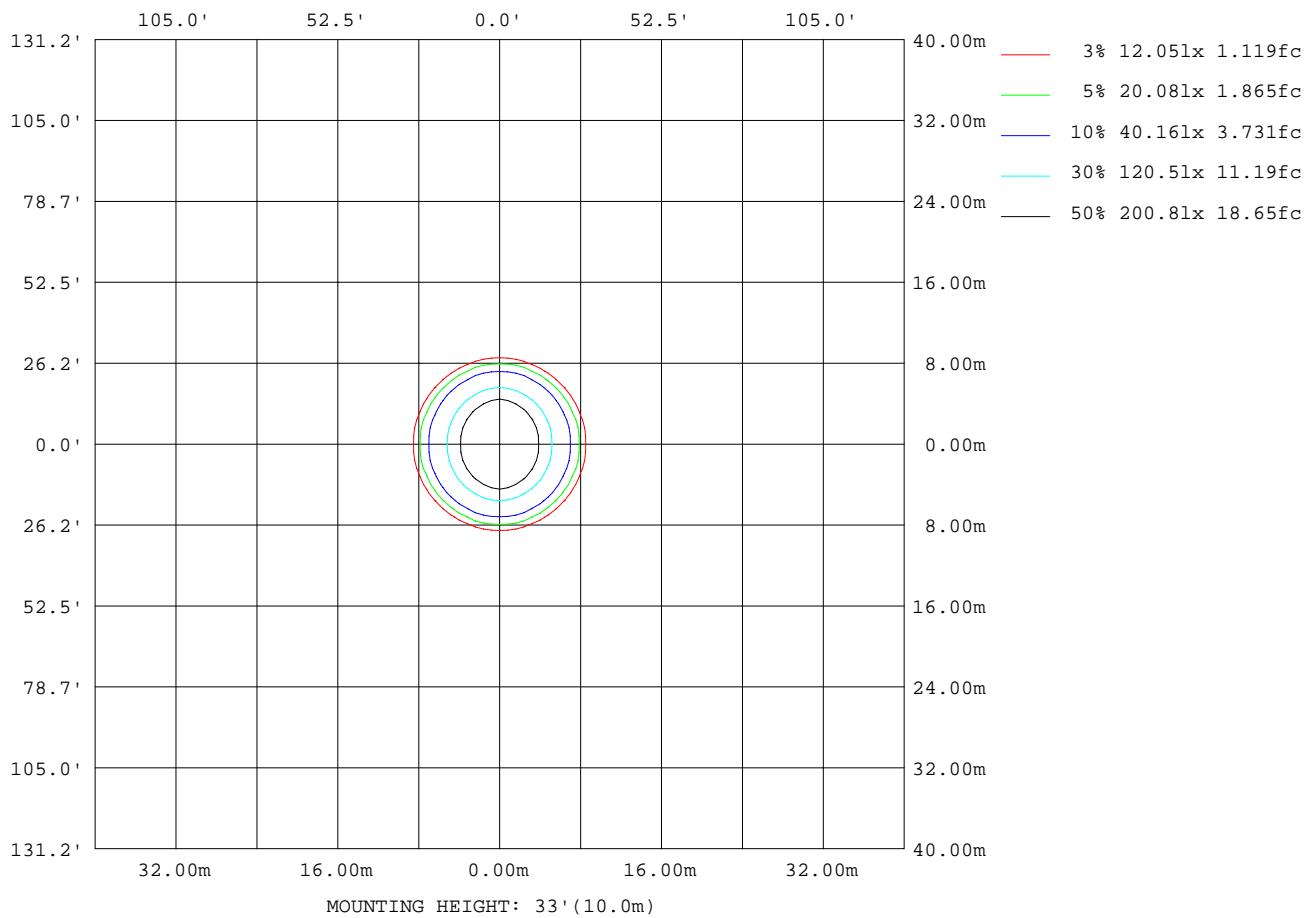
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-10-19

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:220.8V I:0.9496A P:204.1W PF:0.9738 Freq:49.99Hz Lamp Flux:30238.2x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200Woh-3030-60D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.: ϕ 0.29M	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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:220.8V I:0.9496A P:204.1W PF:0.9738 Freq:49.99Hz Lamp Flux:30238.2x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-60D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:Φ0.29M	Shielding Angle:

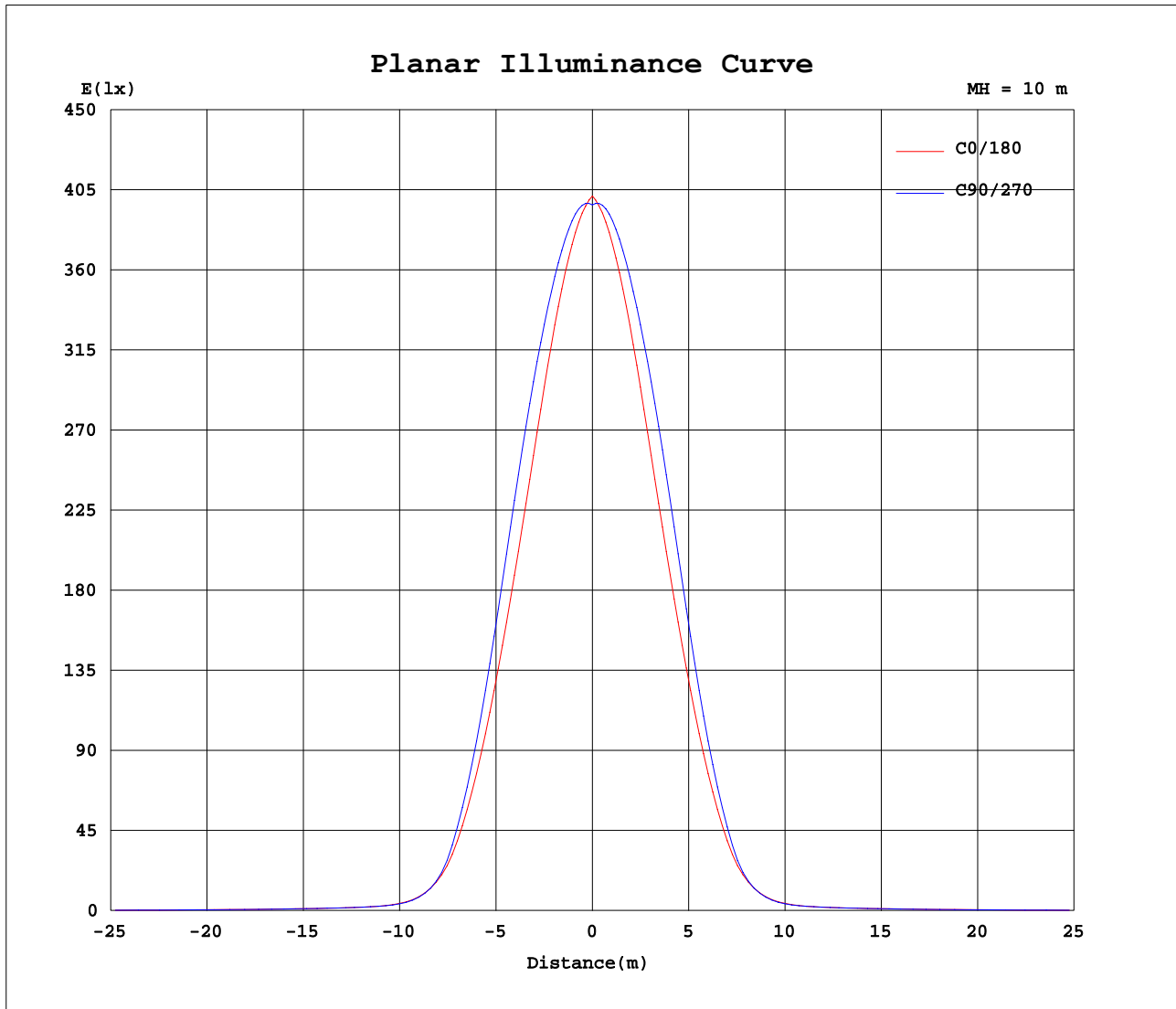
AvgL	cd/m2
L_0~180 (65) av	11652
L_0~180 (75) av	10386
L_0~180 (85) av	1192
L_90~270 (65) av	11302
L_90~270 (75) av	9923
L_90~270 (85) av	1532
L_45 (65) av	11602
L_45 (75) av	10288
L_45 (85) av	1629

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-19

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: 2018-10-19

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:220.8V I:0.9496A P:204.1W PF:0.9738 Freq:49.99Hz Lamp Flux:30238.2x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-60D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:Φ0.29M	Shielding Angle:

Table--1

UNIT: ×10cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	3984	3984	3984	3984	3984	3984	3984	3984	3984	3984	3984	3984	3984	3984	3984	3984	3984	3984	3984
5	3824	3847	3869	3897	3922	3953	3978	3953	3922	3897	3869	3847	3824	3847	3869	3897	3922	3953	3978
10	3526	3568	3608	3664	3715	3777	3828	3777	3715	3664	3608	3568	3526	3568	3608	3664	3715	3777	3828
15	3100	3161	3217	3303	3382	3479	3558	3479	3382	3303	3217	3161	3100	3161	3217	3303	3382	3479	3558
20	2576	2645	2711	2817	2916	3037	3135	3037	2916	2817	2711	2645	2576	2645	2711	2817	2916	3037	3135
25	1986	2055	2112	2216	2297	2412	2497	2412	2297	2216	2112	2055	1986	2055	2112	2216	2297	2412	2497
30	1347	1403	1436	1508	1557	1646	1691	1646	1557	1508	1436	1403	1347	1403	1436	1508	1557	1646	1691
35	708	738	742	782	796	848	858	848	796	782	742	738	708	738	742	782	796	848	858
40	278	294	282	295	280	295	282	295	280	295	282	294	278	294	282	295	280	295	282
45	114	115	116	114	113	110	109	110	113	114	116	115	114	115	116	114	113	110	109
50	72.3	73.6	73.9	75.1	75.3	75.1	73.5	75.1	75.3	75.1	73.9	73.6	72.3	73.6	73.9	75.1	75.3	75.1	73.5
55	64.0	64.2	64.4	64.7	65.1	64.9	64.1	64.9	65.1	64.7	64.4	64.2	64.0	64.2	64.4	64.7	65.1	64.9	64.1
60	58.6	58.5	58.2	58.5	58.4	58.1	57.8	58.1	58.4	58.5	58.2	58.5	58.6	58.5	58.2	58.5	58.4	58.1	57.8
65	49.2	48.9	48.1	49.0	47.9	47.9	47.8	47.9	47.9	49.0	48.1	48.9	49.2	48.9	48.1	49.0	47.9	47.9	47.8
70	38.6	38.4	37.5	37.9	37.3	36.9	36.5	36.9	37.3	37.9	37.5	38.4	38.6	38.4	37.5	37.9	37.3	36.9	36.5
75	26.9	27.1	26.2	26.6	26.3	26.2	25.7	26.2	26.3	26.6	26.2	27.1	26.9	27.1	26.2	26.6	26.3	26.2	25.7
80	12.9	13.4	12.8	13.6	13.4	13.5	13.3	13.5	13.4	13.6	12.8	13.4	12.9	13.4	12.8	13.6	13.4	13.5	13.3
85	1.04	1.15	1.14	1.42	1.34	1.56	1.34	1.56	1.34	1.42	1.14	1.15	1.04	1.15	1.14	1.42	1.34	1.56	1.34
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:2018-10-19

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:220.8V I:0.9496A P:204.1W PF:0.9738 Freq:49.99Hz Lamp Flux:30238.2x1 lm		
NAME: AOK oH	TYPE:LED	WEIGHT:6KG
SPEC.:AOK-200WoH-3030-60D	DIM.: 0.4*0.141M	SERIAL No.:1
MFR.: AOK	SUR.:φ0.29M	Shielding Angle:

Table--2

UNIT: ×10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	3984	3984	3984	3984	3984														
5	3953	3922	3897	3869	3847														
10	3777	3715	3664	3608	3568														
15	3479	3382	3303	3217	3161														
20	3037	2916	2817	2711	2645														
25	2412	2297	2216	2112	2055														
30	1646	1557	1508	1436	1403														
35	848	796	782	742	738														
40	295	280	295	282	294														
45	110	113	114	116	115														
50	75.1	75.3	75.1	73.9	73.6														
55	64.9	65.1	64.7	64.4	64.2														
60	58.1	58.4	58.5	58.2	58.5														
65	47.9	47.9	49.0	48.1	48.9														
70	36.9	37.3	37.9	37.5	38.4														
75	26.2	26.3	26.6	26.2	27.1														
80	13.5	13.4	13.6	12.8	13.4														
85	1.56	1.34	1.42	1.14	1.15														
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:2018-10-19

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: