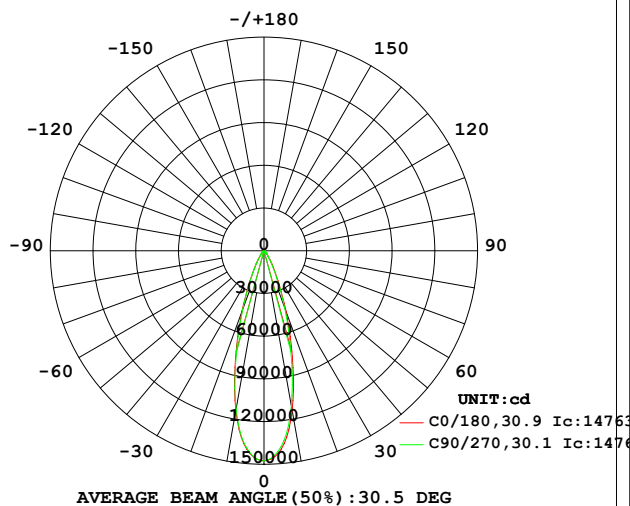


LUMINAIRE PHOTOMETRIC TEST REPORT

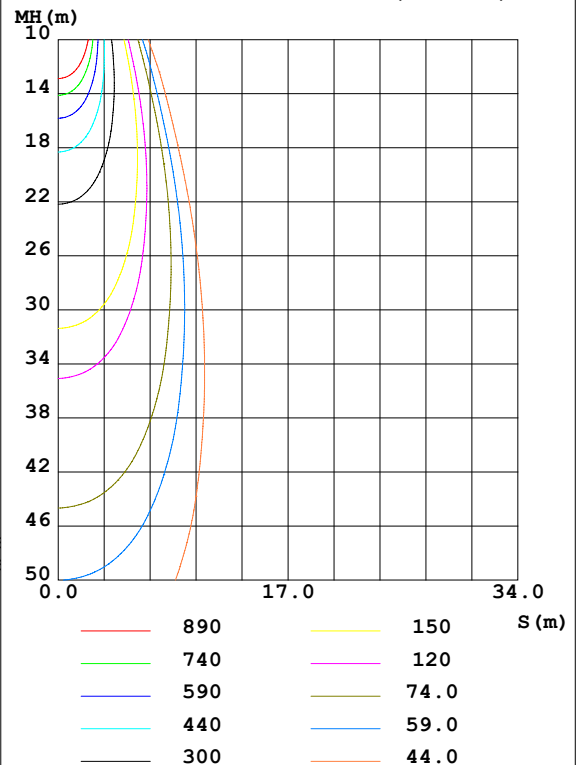
Test:U:219.2V I:1.446A P:315.4W PF:0.9951 Freq:49.99Hz Lamp Flux:52566.3x1 lm		
NAME: AOK-Win	TYPE:LED	WEIGHT:9KG
SPEC.:AOK-315Win-L5-5070-30D	DIM.: Φ 576*187mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 397	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 166.64 lm/W			
MODEL	3030	I _{max} (cd)	147630	S/MH (C0/180)	0.52
NOMINAL POWER (W)	440	LOR (%)	100.0	S/MH (C90/270)	0.51
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	52566	η UP, DN (C0-180)	0.0, 49.9
NOMINAL FLUX (lm)	52566.3	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.50

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:2019-05-14

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=1.0151]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1140	1118	1108	1118	1140	1097	1129	1097	0- 10	12359	12359	23.5, 23.5
20	450.3	438.6	425.0	438.6	450.3	424.9	438.8	424.9	10- 20	20527	32886	62.6, 62.6
30	123.2	115.1	110.7	115.1	123.2	114.8	114.6	114.8	20- 30	10836	43722	83.2, 83.2
40	34.56	32.70	33.47	32.70	34.56	33.20	34.09	33.20	30- 40	3993	47715	90.8, 90.8
50	16.91	16.69	16.95	16.69	16.91	16.91	17.12	16.91	40- 50	1761	49476	94.1, 94.1
60	12.65	12.50	12.72	12.50	12.65	12.54	12.88	12.54	50- 60	1293	50769	96.6, 96.6
70	8.571	8.352	8.647	8.352	8.571	8.366	8.792	8.366	60- 70	1024	51793	98.5, 98.5
80	3.644	3.433	3.622	3.433	3.644	3.416	3.835	3.416	70- 80	636.8	52429	99.7, 99.7
90	0	0	0	0	0	0	0	0	80- 90	137.0	52566	100, 100
100	0	0	0	0	0	0	0	0	90-100	0	52566	100, 100
110	0	0	0	0	0	0	0	0	100-110	0	52566	100, 100
120	0	0	0	0	0	0	0	0	110-120	0	52566	100, 100
130	0	0	0	0	0	0	0	0	120-130	0	52566	100, 100
140	0	0	0	0	0	0	0	0	130-140	0	52566	100, 100
150	0	0	0	0	0	0	0	0	140-150	0	52566	100, 100
160	0	0	0	0	0	0	0	0	150-160	0	52566	100, 100
170	0	0	0	0	0	0	0	0	160-170	0	52566	100, 100
180	0	0	0	0	0	0	0	0	170-180	0	52566	100, 100
DEG	LUMINOUS INTENSITY: $\times 100\text{cd}$									UNIT: lm		

Conical surface Flux(90deg): 48712 lm

%lum = 92.7%

%lamp = 92.7%

Conical surface Flux(120deg): 50769 lm

%lum = 96.6%

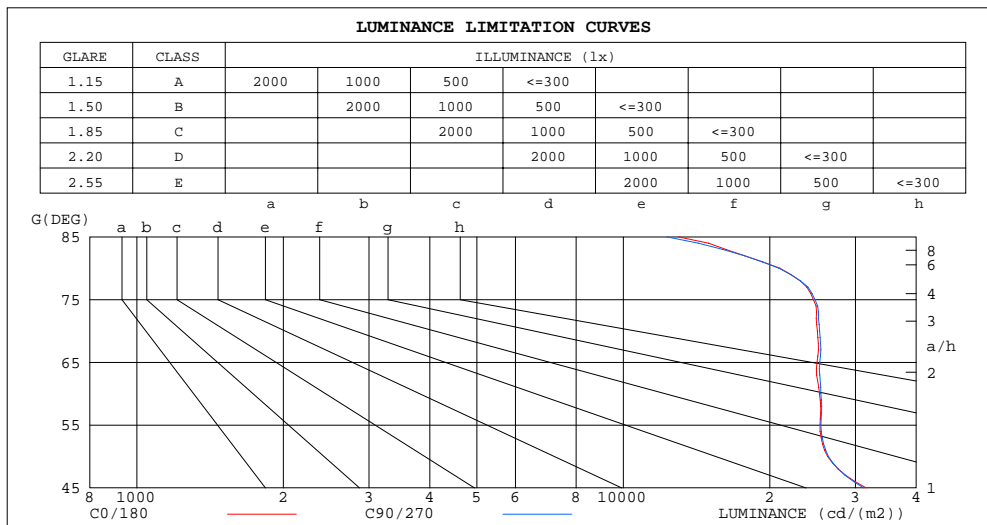
%lamp = 96.6%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-05-14

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=1.0151]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.2V I:1.446A P:315.4W PF:0.9951 Freq:49.99Hz Lamp Flux:52566.3x1 lm		
NAME: AOK-Win	TYPE:LED	WEIGHT:9KG
SPEC.:AOK-315WiN-L5-5070-30D	DIM.: Φ 576*187mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 397	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	12962	12279
80	20987	20889
75	24590	24767
70	25062	25321
65	25018	25339
60	25304	25483
55	25370	25477
50	26307	26401
45	31560	31217

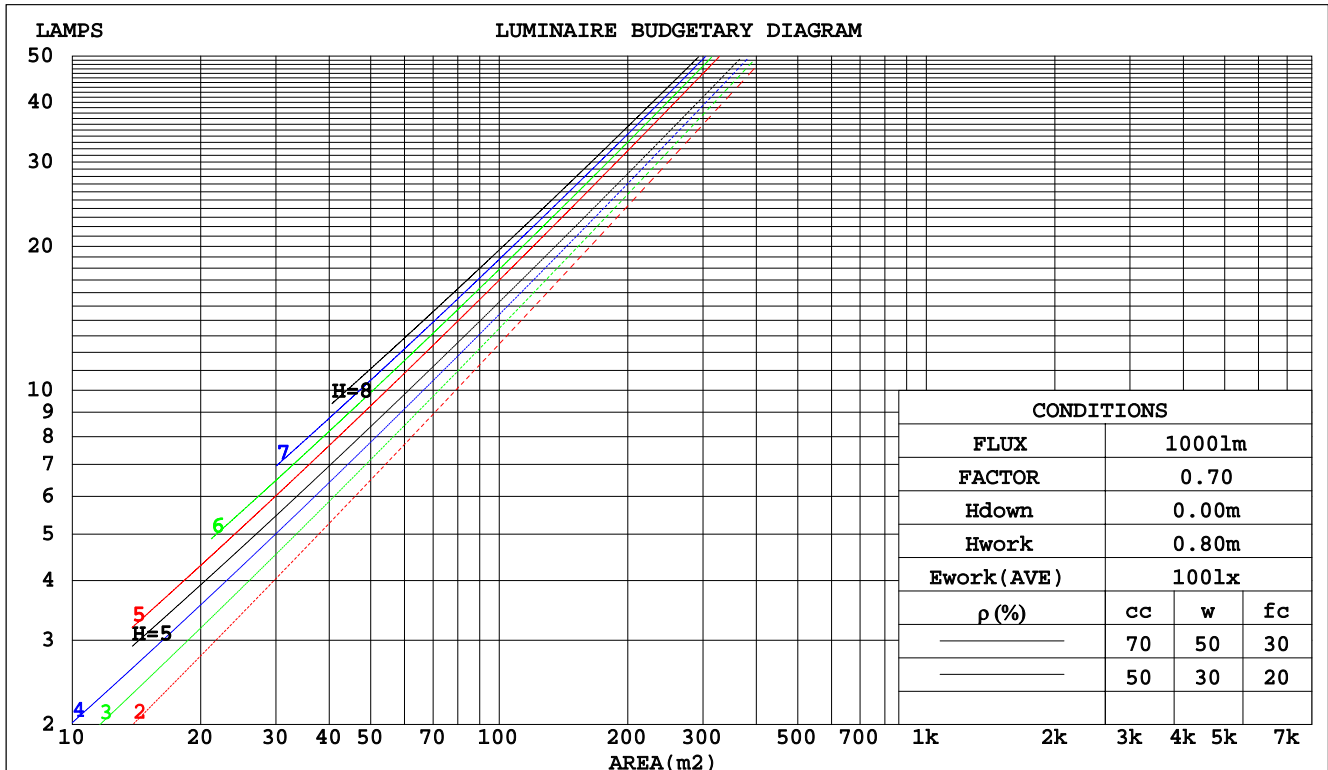
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-05-14

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=1.0151]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.2V I:1.446A P:315.4W PF:0.9951 Freq:49.99Hz Lamp Flux:52566.3x1 lm		
NAME: AOK-Win	TYPE:LED	WEIGHT:9KG
SPEC.:AOK-315WiN-L5-5070-30D	DIM.: Φ 576*187mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 397	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	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.01	.97	1.03	.99	.96	.99	.97	.94	.96	.94	.92	.94	.92	.90	.89
3.0	.98	.94	.90	.97	.93	.89	.94	.91	.88	.92	.89	.87	.90	.87	.85	.84
4.0	.93	.88	.84	.92	.87	.84	.90	.86	.83	.88	.85	.82	.86	.83	.81	.80
5.0	.89	.83	.80	.88	.83	.79	.86	.82	.79	.84	.81	.78	.83	.80	.77	.76
6.0	.85	.79	.76	.84	.79	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
7.0	.81	.76	.72	.80	.75	.72	.79	.75	.71	.78	.74	.71	.77	.73	.71	.70
8.0	.78	.72	.69	.77	.72	.69	.76	.72	.68	.75	.71	.68	.74	.71	.68	.67
9.0	.75	.69	.66	.74	.69	.66	.73	.69	.66	.72	.68	.66	.72	.68	.65	.64
10.0	.72	.67	.64	.71	.67	.63	.71	.66	.63	.70	.66	.63	.69	.66	.63	.62



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-14

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=1.0151]
 Remarks:

WEC AND CCEC

Test:U:219.2V I:1.446A P:315.4W PF:0.9951 Freq:49.99Hz Lamp Flux:52566.3x1 lm		
NAME: AOK-Win	TYPE:LED	WEIGHT:9KG
SPEC.:AOK-315WiN-L5-5070-30D	DIM.: Φ 576*187mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 397	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	.170	.097	.031	.163	.093	.030	.150	.086	.028	.139	.080	.026	.128	.074	.024	
2.0	.159	.087	.027	.153	.084	.026	.143	.079	.025	.133	.075	.023	.124	.070	.022	
3.0	.148	.079	.024	.144	.077	.023	.135	.073	.022	.127	.069	.021	.119	.066	.020	
4.0	.139	.072	.021	.135	.071	.021	.127	.068	.020	.120	.065	.019	.114	.062	.019	
5.0	.131	.067	.019	.127	.065	.019	.121	.063	.018	.115	.060	.018	.109	.058	.017	
6.0	.123	.062	.018	.120	.061	.017	.115	.059	.017	.109	.057	.017	.104	.055	.016	
7.0	.117	.058	.016	.114	.057	.016	.109	.055	.016	.105	.054	.016	.100	.052	.015	
8.0	.111	.054	.015	.109	.054	.015	.104	.052	.015	.100	.051	.015	.096	.049	.014	
9.0	.106	.051	.014	.104	.051	.014	.100	.049	.014	.096	.048	.014	.093	.047	.014	
10.0	.101	.048	.013	.099	.048	.013	.096	.047	.013	.092	.046	.013	.089	.045	.013	

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	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.132	.114	.099	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.141	.113	.091	.121	.098	.079	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.130	.099	.075	.111	.085	.065	.077	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.120	.087	.062	.103	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.112	.077	.052	.096	.067	.045	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.044	.090	.060	.039	.062	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.085	.054	.033	.058	.038	.024	.034	.023	.014	.011	.007	.005	
9.0	.093	.057	.033	.080	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.076	.046	.025	.052	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-05-14

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=1.0151]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.2V I:1.446A P:315.4W PF:0.9951 Freq:49.99Hz Lamp Flux:52566.3x1 lm											
NAME: AOK-Win					TYPE:LED			WEIGHT:9KG			
SPEC.:AOK-315WiN-L5-5070-30D					DIM.: Φ 576*187mm			SERIAL No.:			
MFR.: AOK					SUR.: Φ 397			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	5.1	6.0	5.4	6.1	6.3	5.0	5.8	5.2	6.0	6.1	
	3H	6.4	7.2	6.7	7.4	7.6	6.3	7.1	6.6	7.3	
	4H	7.1	7.8	7.3	8.0	8.2	7.0	7.7	7.3	7.9	
	6H	7.5	8.2	7.8	8.5	8.7	7.4	8.1	7.7	8.4	
	8H	7.6	8.3	7.9	8.6	8.8	7.6	8.2	7.9	8.5	
	12H	7.7	8.3	8.0	8.6	8.8	7.6	8.2	7.9	8.5	
4H	2H	5.6	6.3	5.9	6.6	6.8	5.5	6.2	5.8	6.4	
	3H	7.1	7.8	7.5	8.0	8.3	7.1	7.7	7.4	8.0	
	4H	7.9	8.5	8.2	8.8	9.1	7.8	8.4	8.2	8.7	
	6H	8.5	9.0	8.8	9.3	9.7	8.4	8.9	8.8	9.2	
	8H	8.6	9.1	9.0	9.4	9.8	8.5	9.0	8.9	9.4	
	12H	8.7	9.1	9.1	9.5	9.9	8.6	9.0	9.0	9.4	
8H	4H	8.1	8.6	8.5	9.0	9.3	8.1	8.6	8.5	8.9	
	6H	8.8	9.2	9.2	9.6	10.0	8.7	9.1	9.2	9.5	
	8H	9.0	9.4	9.5	9.8	10.2	8.9	9.3	9.4	9.7	
	12H	9.1	9.4	9.6	9.9	10.3	9.0	9.3	9.4	9.7	
12H	4H	8.1	8.6	8.5	9.0	9.3	8.1	8.5	8.5	8.9	
	6H	8.8	9.2	9.3	9.6	10.1	8.8	9.1	9.2	9.5	
	8H	9.1	9.4	9.5	9.8	10.3	9.0	9.3	9.4	9.7	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3					
1.5H	+ 0.7 / - 0.3					+ 0.6 / - 0.3					
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					

CIE Pub.117, 52566 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 13.8$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-05-14

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=1.0151]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.2V I:1.446A P:315.4W PF:0.9951 Freq:49.99Hz Lamp Flux:52566.3x1 lm		
NAME: AOK-Win	TYPE:LED	WEIGHT:9KG
SPEC.:AOK-315WiN-L5-5070-30D	DIM.: Φ 576*187mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 397	Shielding Angle:

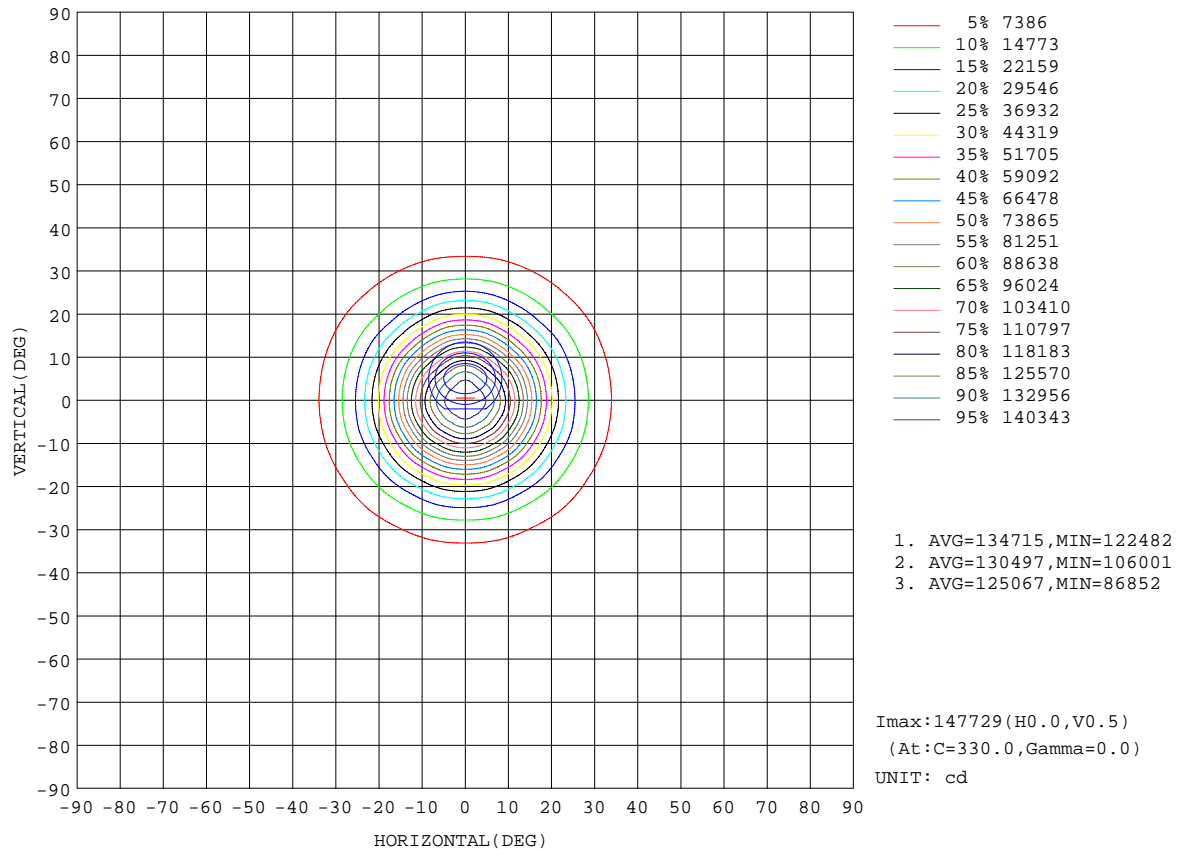
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	86	79	75	85	79	75	85	79	75	71
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	101	96	92	99	95	91	87
1.50	105	100	96	103	99	95	101	97	94	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	107	104	109	106	103	106	103	101	95
4.00	113	110	108	111	109	107	108	105	104	97
5.00	115	112	110	112	110	109	108	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:2019-05-14

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=1.0151]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.2V I:1.446A P:315.4W PF:0.9951 Freq:49.99Hz Lamp Flux:52566.3x1 lm		
NAME: AOK-Win	TYPE:LED	WEIGHT:9KG
SPEC.:AOK-315WiN-L5-5070-30D	DIM.: Φ 576*187mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 397	Shielding Angle:



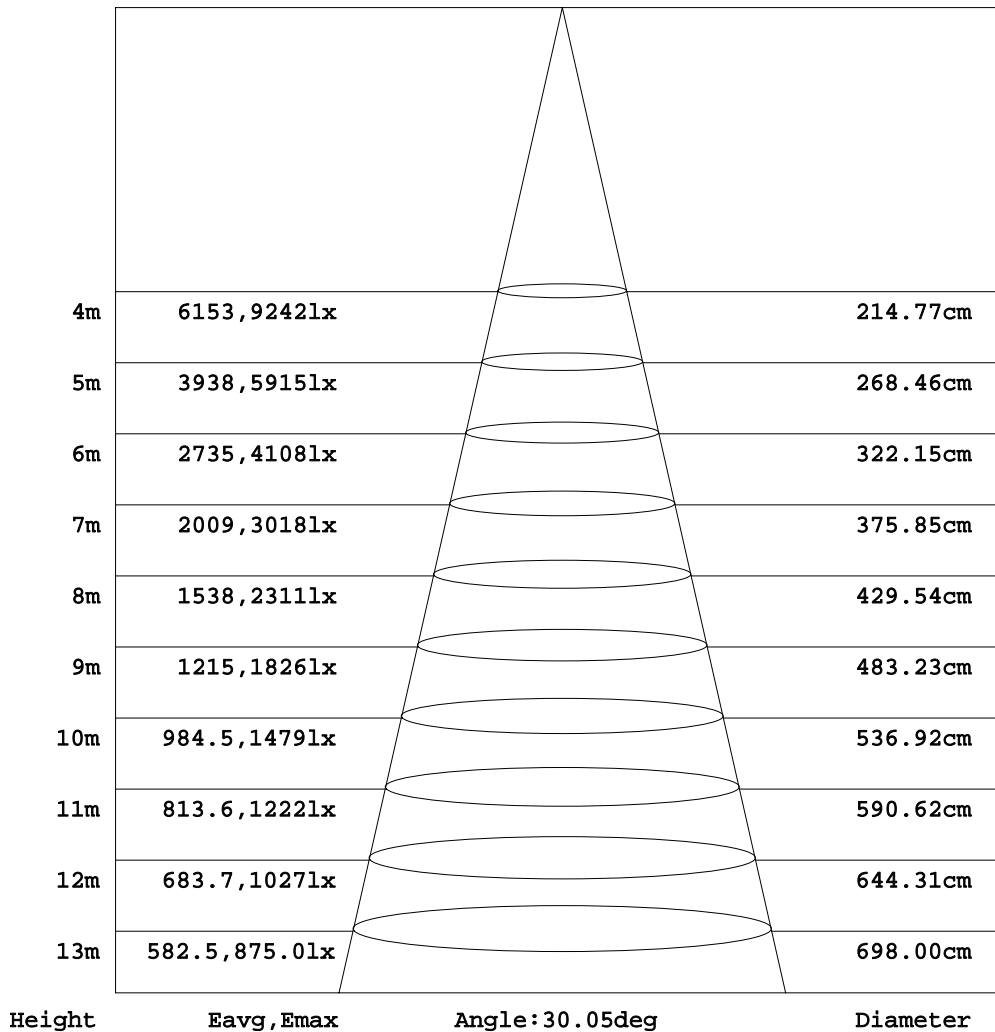
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-05-14

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=1.0151]
Remarks:

AAI Figure

Test:U:219.2V I:1.446A P:315.4W PF:0.9951 Freq:49.99Hz Lamp Flux:52566.3x1 lm		
NAME: AOK-Win	TYPE:LED	WEIGHT:9KG
SPEC.:AOK-315WiN-L5-5070-30D	DIM.: Φ 576*187mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 397	Shielding Angle:

Flux out:25431 lm



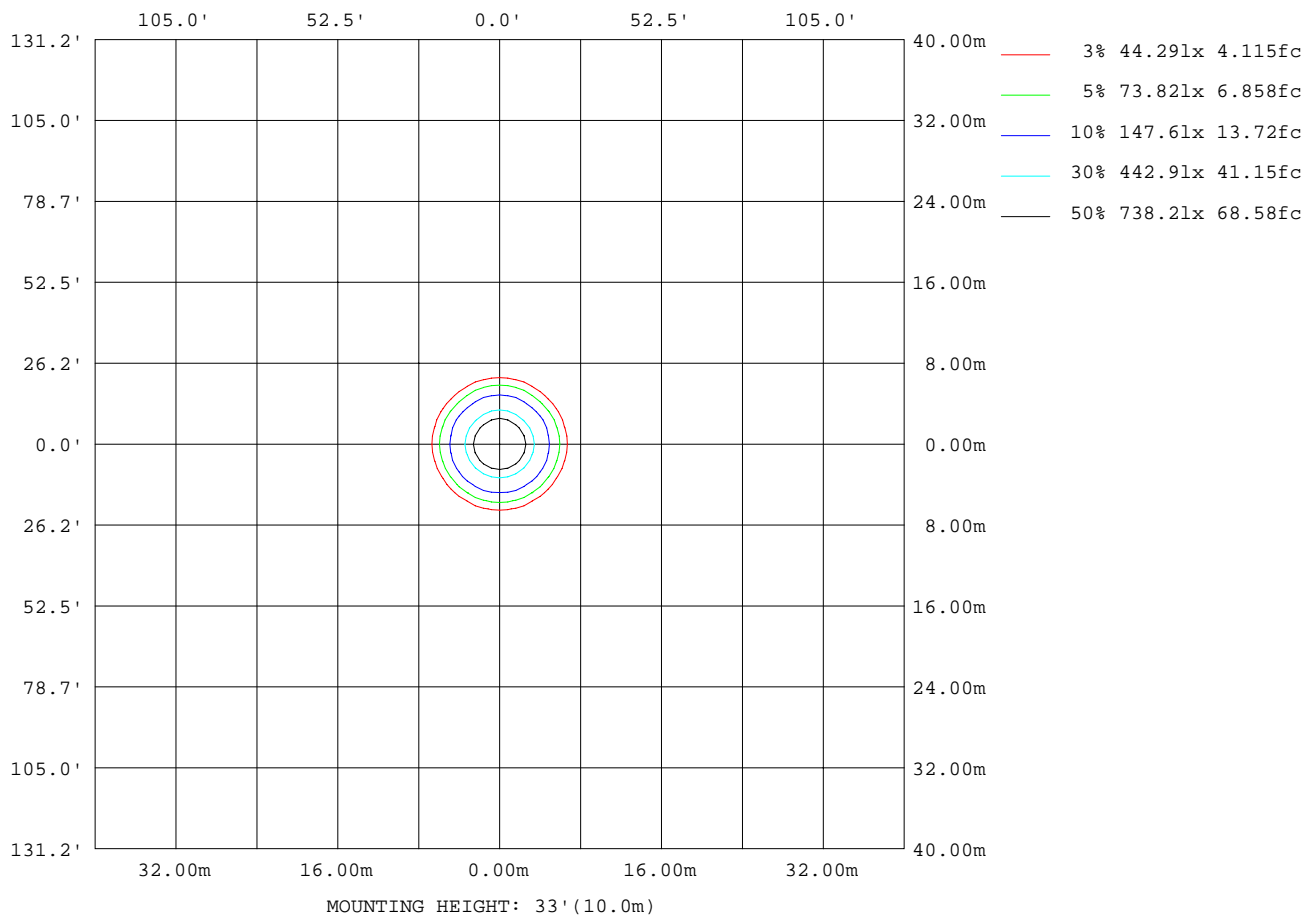
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-05-14

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=1.0151]
 Remarks:

ISOLUX DIAGRAM

Test:U:219.2V I:1.446A P:315.4W PF:0.9951 Freq:49.99Hz Lamp Flux:52566.3x1 lm		
NAME: AOK-Win	TYPE:LED	WEIGHT:9KG
SPEC.:AOK-315WiN-L5-5070-30D	DIM.: Φ 576*187mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 397	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-05-14

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=1.0151]
Remarks:

LED Avg.L Report

Test:U:219.2V I:1.446A P:315.4W PF:0.9951 Freq:49.99Hz Lamp Flux:52566.3x1 lm		
NAME: AOK-Win	TYPE:LED	WEIGHT:9KG
SPEC.:AOK-315WiN-L5-5070-30D	DIM.: Φ 576*187mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 397	Shielding Angle:

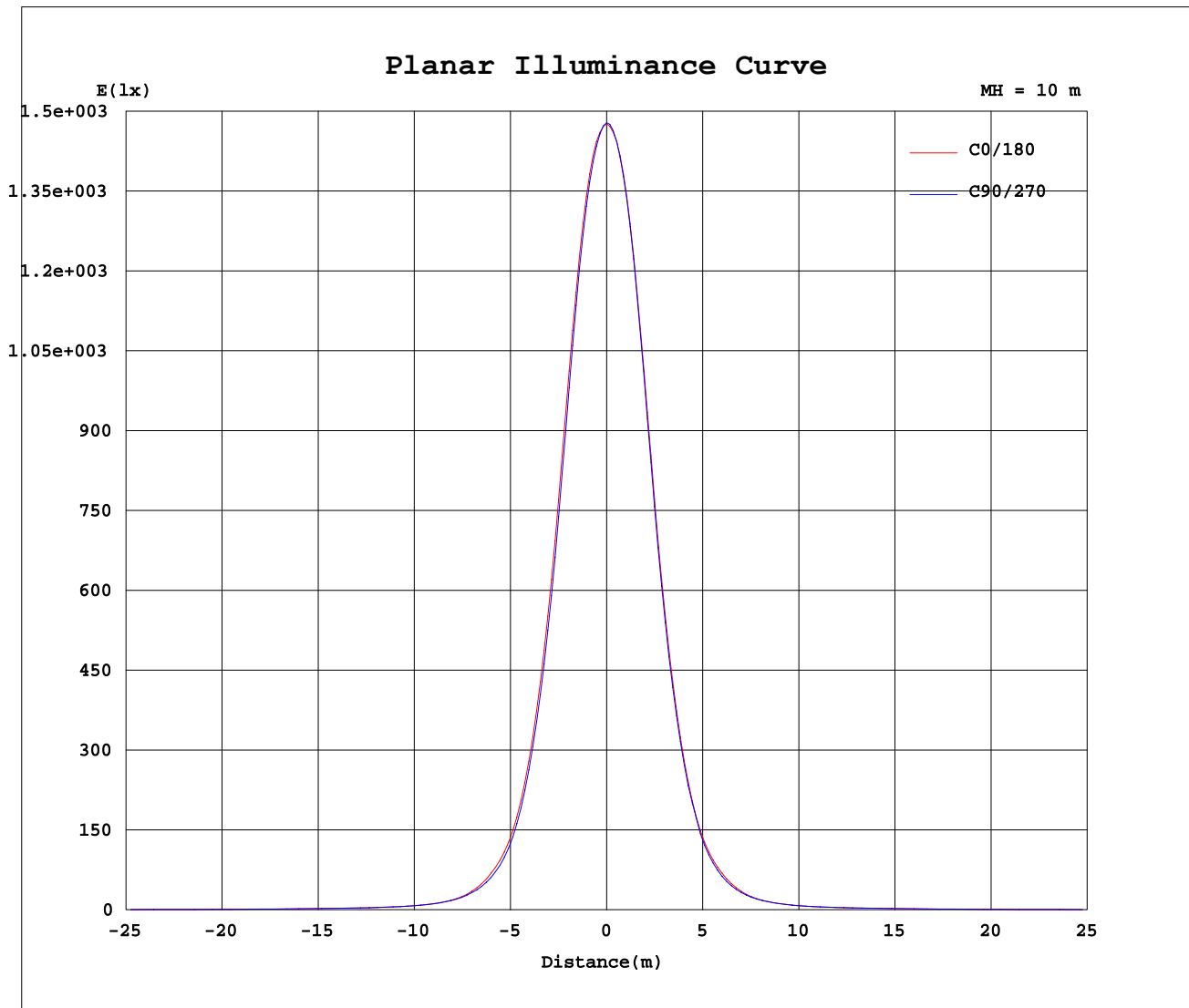
AvgL	cd/m2
L_0~180 (65) av	25016
L_0~180 (75) av	24588
L_0~180 (85) av	12961
L_90~270 (65) av	25464
L_90~270 (75) av	25106
L_90~270 (85) av	13461
L_45 (65) av	24828
L_45 (75) av	23161
L_45 (85) av	11557

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-05-14

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=1.0151]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-05-14

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=1.0151]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.2V I:1.446A P:315.4W PF:0.9951 Freq:49.99Hz Lamp Flux:52566.3x1 lm		
NAME: AOK-Win	TYPE:LED	WEIGHT:9KG
SPEC.:AOK-315WiN-L5-5070-30D	DIM.: Φ 576*187mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 397	Shielding Angle:

Table--1

UNIT: $\times 100\text{cd}$

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1476	1476	1476	1476	1476	1476	1476	1476	1476	1476	1476	1476	1476	1476	1476	1476	1476	1476	1476
5	1398	1394	1383	1379	1373	1379	1381	1379	1373	1379	1383	1394	1398	1390	1382	1370	1373	1387	1392
10	1140	1136	1121	1118	1103	1109	1108	1109	1103	1118	1121	1136	1140	1132	1120	1097	1099	1121	1129
15	769	768	753	752	736	740	733	740	736	752	753	768	769	765	757	733	734	752	754
20	450	450	438	439	426	430	425	430	426	439	438	450	450	449	443	425	426	438	439
25	235	239	226	226	218	223	218	223	218	226	226	239	235	234	234	218	219	226	231
30	123	122	118	115	112	112	111	112	112	115	118	122	123	123	120	115	114	118	115
35	63.5	61.9	58.3	58.2	56.7	58.6	58.7	58.6	56.7	58.2	58.3	61.9	63.5	63.5	62.3	59.2	59.4	60.7	59.5
40	34.6	34.1	32.7	32.7	32.0	33.0	33.5	33.0	32.0	32.7	32.7	34.1	34.6	34.6	34.2	33.2	33.3	34.2	34.1
45	22.3	22.0	21.4	21.6	21.1	21.6	22.0	21.6	21.1	21.6	21.4	22.0	22.3	22.2	22.1	21.8	21.8	22.2	22.4
50	16.9	16.7	16.4	16.7	16.3	16.5	16.9	16.5	16.3	16.7	16.4	16.7	16.9	16.8	16.8	16.9	16.7	16.9	17.1
55	14.6	14.3	14.1	14.4	14.1	14.2	14.6	14.2	14.1	14.4	14.1	14.3	14.6	14.4	14.5	14.6	14.4	14.5	14.7
60	12.7	12.3	12.2	12.5	12.2	12.2	12.7	12.2	12.2	12.5	12.2	12.3	12.7	12.4	12.5	12.5	12.4	12.5	12.9
65	10.6	10.2	10.2	10.5	10.1	10.1	10.7	10.1	10.1	10.5	10.2	10.2	10.6	10.2	10.3	10.5	10.3	10.3	10.8
70	8.57	8.23	8.19	8.35	8.08	8.16	8.65	8.16	8.08	8.35	8.19	8.23	8.57	8.23	8.31	8.37	8.30	8.36	8.79
75	6.36	6.16	5.96	5.98	5.82	6.04	6.40	6.04	5.82	5.98	5.96	6.16	6.36	6.15	6.09	6.01	6.06	6.31	6.60
80	3.64	3.54	3.44	3.43	3.28	3.42	3.62	3.42	3.28	3.43	3.44	3.54	3.64	3.51	3.53	3.42	3.50	3.65	3.83
85	1.13	1.09	1.05	1.05	0.93	0.95	1.07	0.95	0.93	1.05	1.05	1.09	1.13	1.03	1.05	0.97	0.96	1.14	1.28
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: 2019-05-14

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=1.0151]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.2V I:1.446A P:315.4W PF:0.9951 Freq:49.99Hz Lamp Flux:52566.3x1 lm		
NAME: AOK-Win	TYPE:LED	WEIGHT:9KG
SPEC.:AOK-315WiN-L5-5070-30D	DIM.: Φ 576*187mm	SERIAL No.:
MFR.: AOK	SUR.: Φ 397	Shielding Angle:

Table--2

UNIT: $\times 100\text{cd}$

γ (DEG) \ C (DEG)	285	300	315	330	345														
0	1476	1476	1476	1476	1476														
5	1387	1373	1370	1382	1390														
10	1121	1099	1097	1120	1132														
15	752	734	733	757	765														
20	438	426	425	443	449														
25	226	219	218	234	234														
30	118	114	115	120	123														
35	60.7	59.4	59.2	62.3	63.5														
40	34.2	33.3	33.2	34.2	34.6														
45	22.2	21.8	21.8	22.1	22.2														
50	16.9	16.7	16.9	16.8	16.8														
55	14.5	14.4	14.6	14.5	14.4														
60	12.5	12.4	12.5	12.5	12.4														
65	10.3	10.3	10.5	10.3	10.2														
70	8.36	8.30	8.37	8.31	8.23														
75	6.31	6.06	6.01	6.09	6.15														
80	3.65	3.50	3.42	3.53	3.51														
85	1.14	0.96	0.97	1.05	1.03														
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:2019-05-14

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=1.0151]
 Remarks: