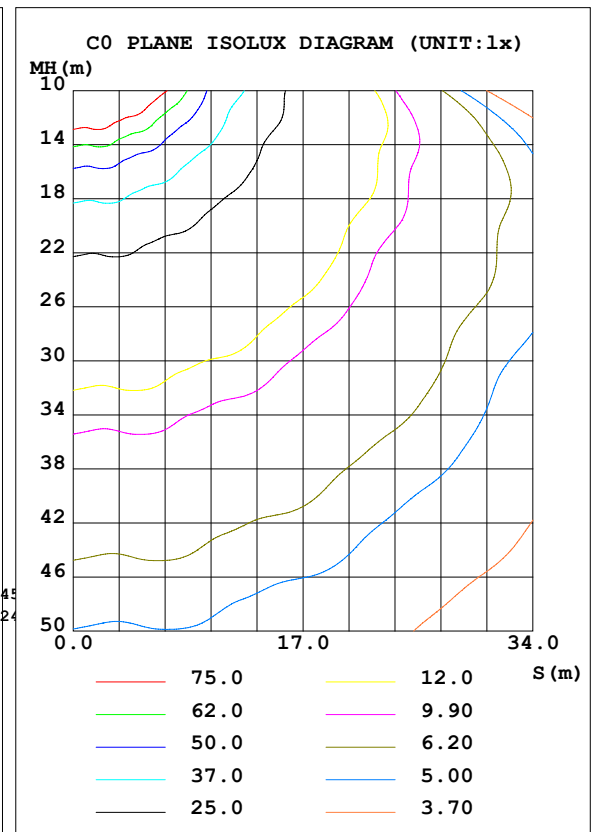
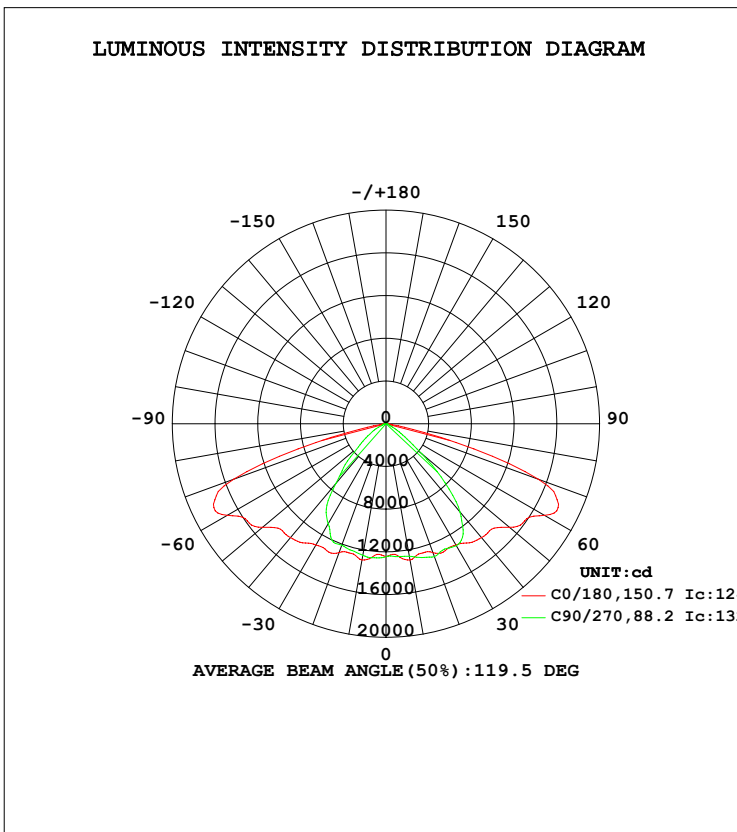


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:1.437A P:312.0W PF:0.9871 Freq:49.99Hz Lamp Flux:42929.9x1 lm		
NAME: AOK	TYPE:LED	WEIGHT:9.5KG
SPEC.:AOK-315WINM-NV-V2-00-4070-150X80-P	DIM.: φ490*230mm	SERIAL No.:
MFR.: AOK	SUR.:φ460mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.59 lm/W			
MODEL	3535	I _{max} (cd)	17952	S/MH (C0/180)	1.69
NOMINAL POWER (W)	315	LOR (%)	100.0	S/MH (C90/270)	1.21
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	42930	η UP, DN (C0-180)	0.0, 53.4
NOMINAL FLUX (lm)	42929.9	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 46.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-03-13

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	1295	1287	1261	1287	1295	1271	1251	1271	0- 10	1196	1196	2.79,2.79
20	1284	1316	1325	1316	1284	1242	1210	1242	10- 20	3612	4808	11.2,11.2
30	1311	1403	1318	1403	1311	1242	1082	1242	20- 30	5955	10764	25.1,25.1
40	1392	1368	1078	1368	1392	1119	731.3	1119	30- 40	7875	18638	43.4,43.4
50	1509	1224	438.3	1224	1509	905.3	337.7	905.3	40- 50	8530	27168	63.3,63.3
60	1716	680.9	111.2	680.9	1716	477.2	146.0	477.2	50- 60	7817	34986	81.5,81.5
70	1517	83.93	27.41	83.93	1517	53.56	30.40	53.56	60- 70	5951	40937	95.4,95.4
80	117.3	20.11	14.74	20.11	117.3	19.24	16.53	19.24	70- 80	1844	42781	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	149.0	42930	100,100
100	0	0	0	0	0	0	0	0	90-100	0	42930	100,100
110	0	0	0	0	0	0	0	0	100-110	0	42930	100,100
120	0	0	0	0	0	0	0	0	110-120	0	42930	100,100
130	0	0	0	0	0	0	0	0	120-130	0	42930	100,100
140	0	0	0	0	0	0	0	0	130-140	0	42930	100,100
150	0	0	0	0	0	0	0	0	140-150	0	42930	100,100
160	0	0	0	0	0	0	0	0	150-160	0	42930	100,100
170	0	0	0	0	0	0	0	0	160-170	0	42930	100,100
180	0	0	0	0	0	0	0	0	170-180	0	42930	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 22930 lm

%lum = 53.4%
%lamp = 53.4%

Conical surface Flux(120deg): 34986 lm

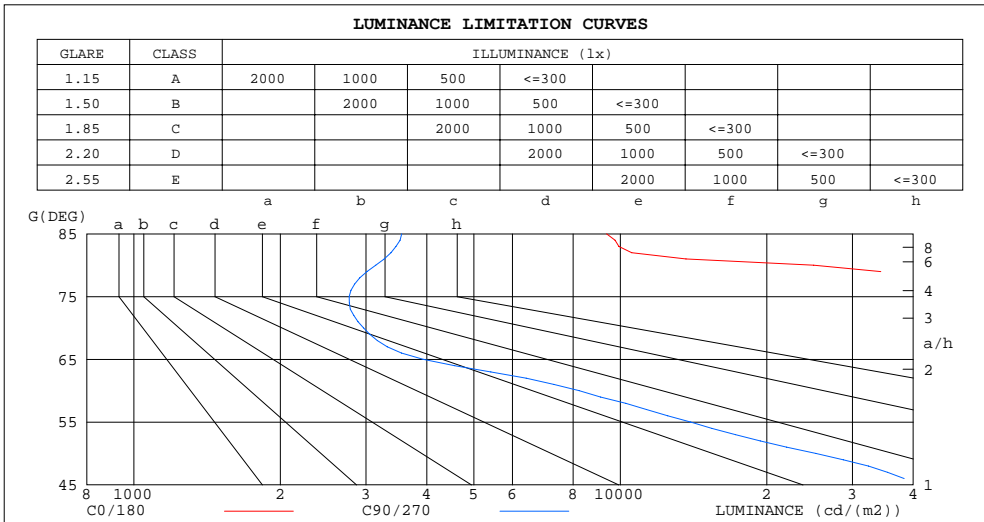
%lum = 81.5%
%lamp = 81.5%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-03-13

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:220.0V I:1.437A P:312.0W PF:0.9871 Freq:49.99Hz Lamp Flux:42929.9x1 lm		
NAME: AOK	TYPE:LED	WEIGHT:9.5KG
SPEC.:AOK-315WINM-NV-V2-00-4070-150X80-P	DIM.: φ490*230mm	SERIAL No.:
MFR.: AOK	SUR.:φ460mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9367	3552
80	24970	3141
75	96786	2770
70	163928	2966
65	155922	3933
60	126792	8229
55	102141	13951
50	86720	25230
45	72968	41012

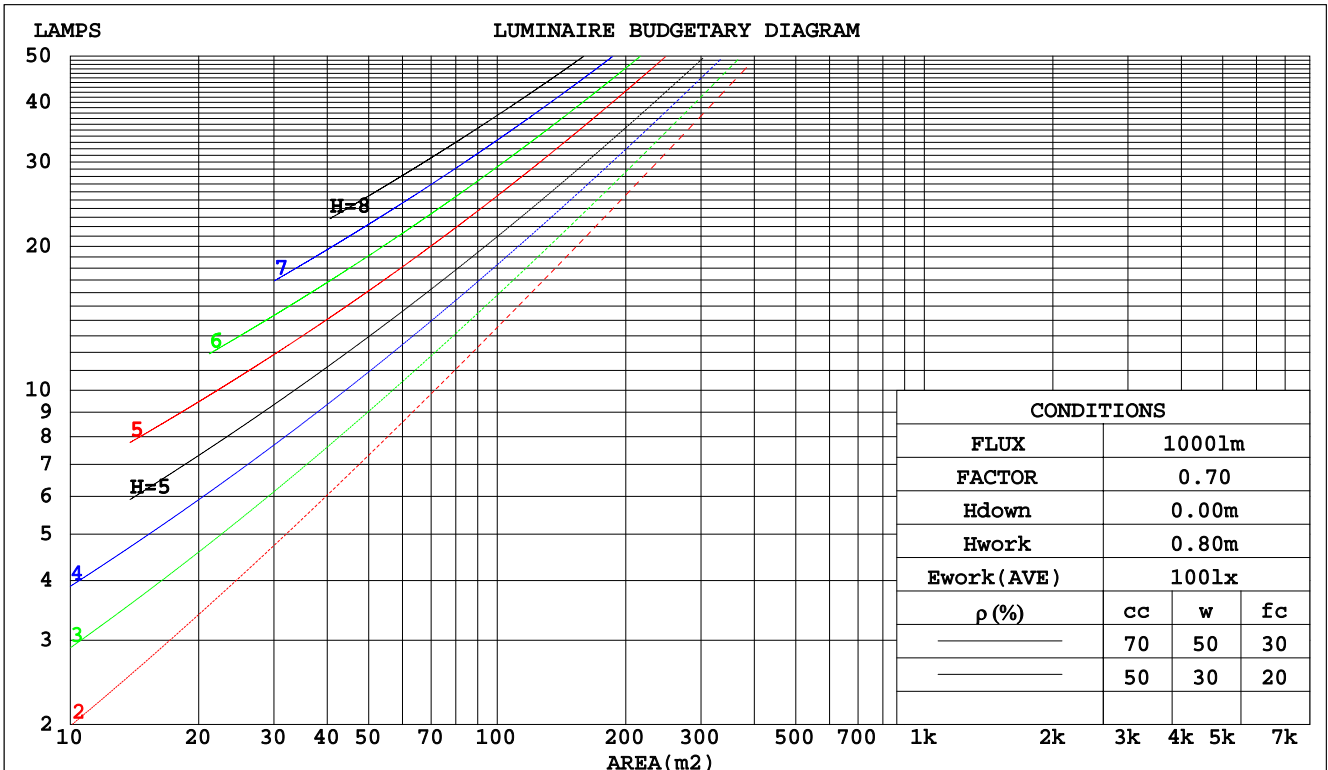
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-03-13

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:220.0V I:1.437A P:312.0W PF:0.9871 Freq:49.99Hz Lamp Flux:42929.9x1 lm		
NAME: AOK	TYPE:LED	WEIGHT:9.5KG
SPEC.:AOK-315WINM-NV-V2-00-4070-150X80-P	DIM.: φ490*230mm	SERIAL No.:
MFR.: AOK	SUR.:φ460mm	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	1.05	1.01	.97	1.03	.99	.96	.99	.96	.93	.95	.92	.90	.91	.89	.87	.85
2.0	.92	.85	.79	.90	.84	.78	.86	.81	.77	.83	.79	.75	.80	.76	.73	.71
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.60
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.65	.58	.53	.62	.57	.53	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.46	.58	.51	.46	.56	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.39	.35	.33
8.0	.46	.37	.32	.45	.37	.31	.44	.37	.31	.43	.36	.31	.42	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-03-13

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:220.0V I:1.437A P:312.0W PF:0.9871 Freq:49.99Hz Lamp Flux:42929.9x1 lm		
NAME: AOK	TYPE:LED	WEIGHT:9.5KG
SPEC.:AOK-315WINM-NV-V2-00-4070-150X80-P	DIM.: φ490*230mm	SERIAL No.:
MFR.: AOK	SUR.:φ460mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.288	.164	.052	.281	.160	.051	.268	.154	.049	.256	.148	.047	.245	.142	.046	
2.0	.281	.154	.047	.275	.151	.047	.263	.146	.045	.253	.142	.044	.243	.137	.043	
3.0	.265	.141	.042	.259	.139	.042	.249	.135	.041	.240	.131	.040	.231	.128	.040	
4.0	.247	.128	.038	.242	.127	.037	.233	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.230	.117	.034	.226	.116	.034	.218	.113	.033	.210	.111	.033	.203	.108	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027	
8.0	.187	.091	.026	.184	.091	.026	.178	.089	.025	.173	.088	.025	.168	.086	.025	
9.0	.176	.085	.024	.173	.084	.024	.168	.083	.023	.163	.082	.023	.158	.080	.023	
10.0	.165	.079	.022	.163	.079	.022	.158	.077	.022	.154	.076	.022	.149	.075	.022	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.179	.156	.136	.153	.134	.117	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.146	.114	.086	.100	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.163	.114	.075	.140	.099	.065	.096	.068	.046	.056	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.029	.112	.060	.025	.077	.042	.018	.045	.025	.011	.015	.008	.003	
9.0	.124	.065	.025	.106	.056	.022	.074	.039	.015	.043	.023	.009	.014	.008	.003	
10.0	.118	.060	.022	.102	.053	.019	.071	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-03-13

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:220.0V I:1.437A P:312.0W PF:0.9871 Freq:49.99Hz Lamp Flux:42929.9x1 lm										
NAME: AOK				TYPE:LED				WEIGHT:9.5KG		
SPEC.:AOK-315WINM-NV-V2-00-4070-150X80-P				DIM.: φ490*230mm				SERIAL No.:		
MFR.: AOK				SUR.:φ460mm				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	18.4	19.9	18.7	20.1	20.3	10.3	11.8	10.5	12.0	12.2
3H	21.4	22.8	21.7	23.0	23.2	10.1	11.5	10.4	11.7	12.0
4H	21.9	23.2	22.2	23.5	23.7	10.0	11.3	10.3	11.6	11.8
6H	21.9	23.1	22.2	23.4	23.7	9.9	11.2	10.2	11.4	11.7
8H	21.8	23.0	22.2	23.3	23.6	9.9	11.1	10.2	11.3	11.6
12H	21.8	22.9	22.1	23.2	23.5	9.8	11.0	10.2	11.3	11.6
4H 2H	18.3	19.7	18.7	19.9	20.2	12.0	13.3	12.3	13.6	13.8
3H	21.3	22.5	21.7	22.8	23.1	11.8	13.0	12.2	13.3	13.6
4H	21.9	22.9	22.3	23.3	23.6	11.7	12.8	12.1	13.1	13.4
6H	21.9	22.8	22.3	23.2	23.5	11.7	12.6	12.1	12.9	13.3
8H	21.9	22.7	22.3	23.1	23.5	11.6	12.5	12.0	12.9	13.2
12H	21.8	22.6	22.2	23.0	23.4	11.6	12.4	12.0	12.8	13.2
8H 4H	21.7	22.6	22.2	23.0	23.4	12.1	13.0	12.5	13.4	13.7
6H	21.8	22.5	22.2	22.9	23.3	12.1	12.8	12.5	13.2	13.6
8H	21.7	22.4	22.2	22.8	23.2	12.0	12.7	12.5	13.1	13.5
12H	21.7	22.2	22.2	22.7	23.2	12.0	12.6	12.5	13.0	13.5
12H 4H	21.7	22.5	22.1	22.9	23.3	12.1	12.9	12.5	13.3	13.7
6H	21.7	22.4	22.2	22.8	23.2	12.0	12.7	12.5	13.1	13.5
8H	21.7	22.2	22.2	22.7	23.2	12.0	12.6	12.5	13.0	13.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.3					+ 1.7 / - 3.2				
1.5H	+ 0.4 / - 0.3					+ 0.9 / - 1.3				
2.0H	+ 0.8 / - 1.2					+ 2.8 / - 6.5				

CIE Pub.117, 42930 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 13.1)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-03-13

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:220.0V I:1.437A P:312.0W PF:0.9871 Freq:49.99Hz Lamp Flux:42929.9x1 lm		
NAME: AOK	TYPE:LED	WEIGHT:9.5KG
SPEC.:AOK-315WINM-NV-V2-00-4070-150X80-P	DIM.: φ490*230mm	SERIAL No.:
MFR.: AOK	SUR.:φ460mm	Shielding Angle:

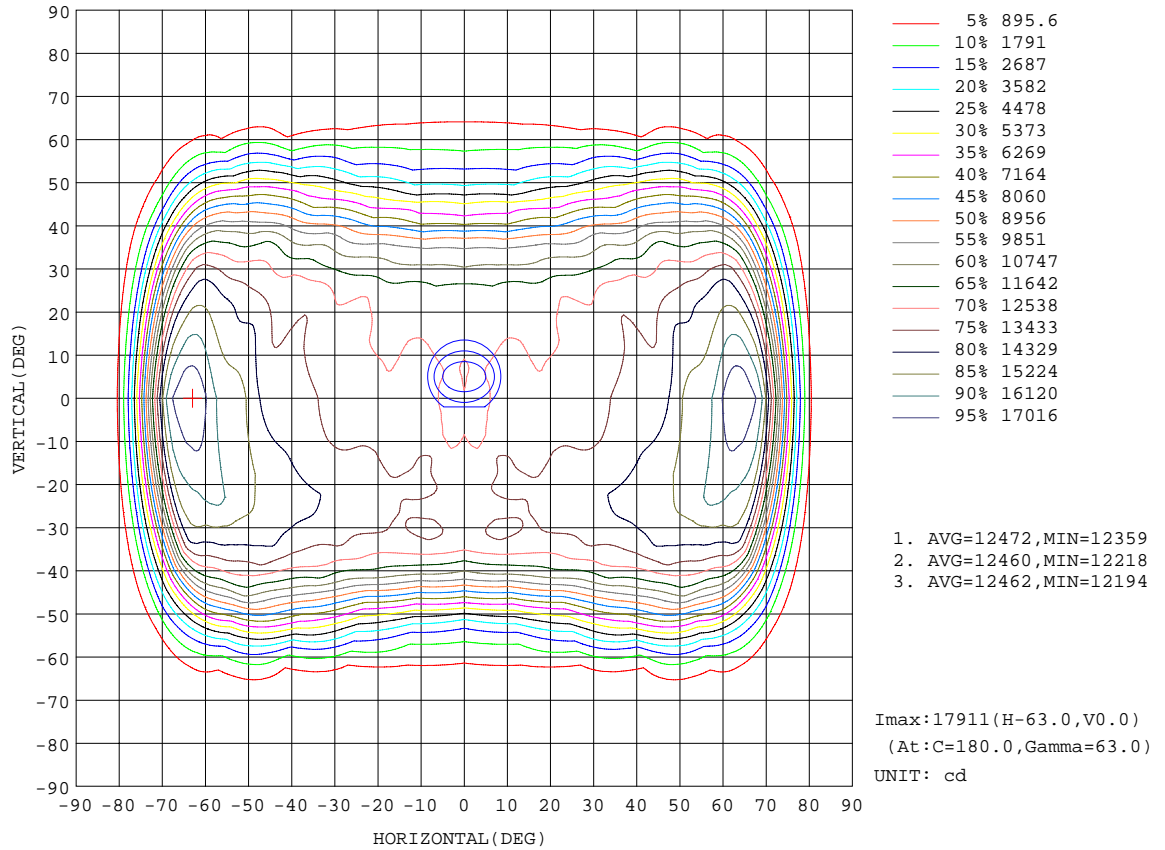
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	45	38	56	44	37	55	44	37	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	65	57	75	64	57	72	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	89	79	72	87	78	71	84	76	70	63
2.00	96	87	81	94	86	80	90	84	79	71
2.50	100	92	86	98	91	85	94	88	84	75
3.00	103	97	91	101	95	90	97	92	88	80
4.00	107	102	97	105	100	96	101	97	93	85
5.00	109	105	101	107	103	100	103	99	97	88
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:2019-03-13

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:220.0V I:1.437A P:312.0W PF:0.9871 Freq:49.99Hz Lamp Flux:42929.9x1 lm		
NAME: AOK	TYPE:LED	WEIGHT:9.5KG
SPEC.:AOK-315WINM-NV-V2-00-4070-150X80-P	DIM.: φ490*230mm	SERIAL No.:
MFR.: AOK	SUR.:φ460mm	Shielding Angle:

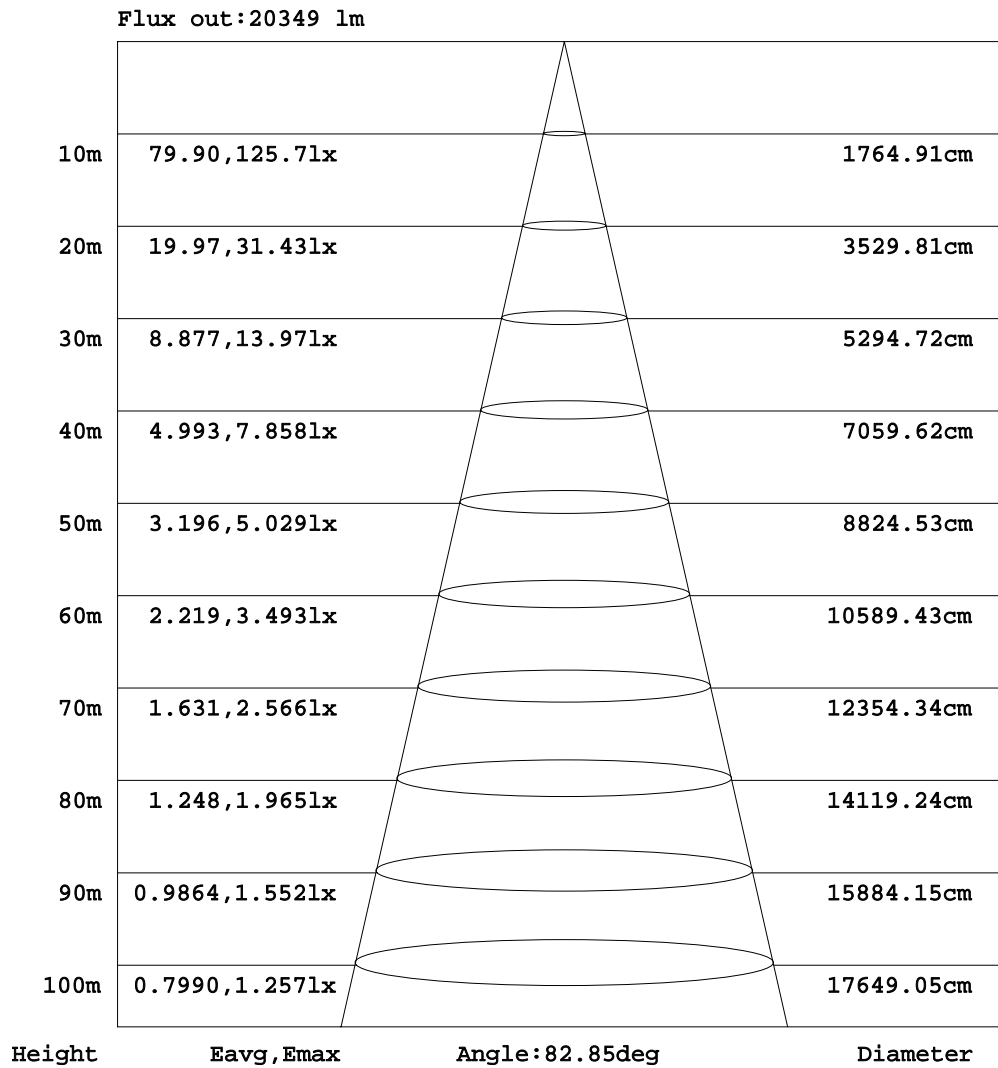


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-03-13

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:220.0V I:1.437A P:312.0W PF:0.9871 Freq:49.99Hz Lamp Flux:42929.9x1 lm		
NAME: AOK	TYPE:LED	WEIGHT:9.5KG
SPEC.:AOK-315WINM-NV-V2-00-4070-150X80-P	DIM.: φ490*230mm	SERIAL No.:
MFR.: AOK	SUR.:φ460mm	Shielding Angle:



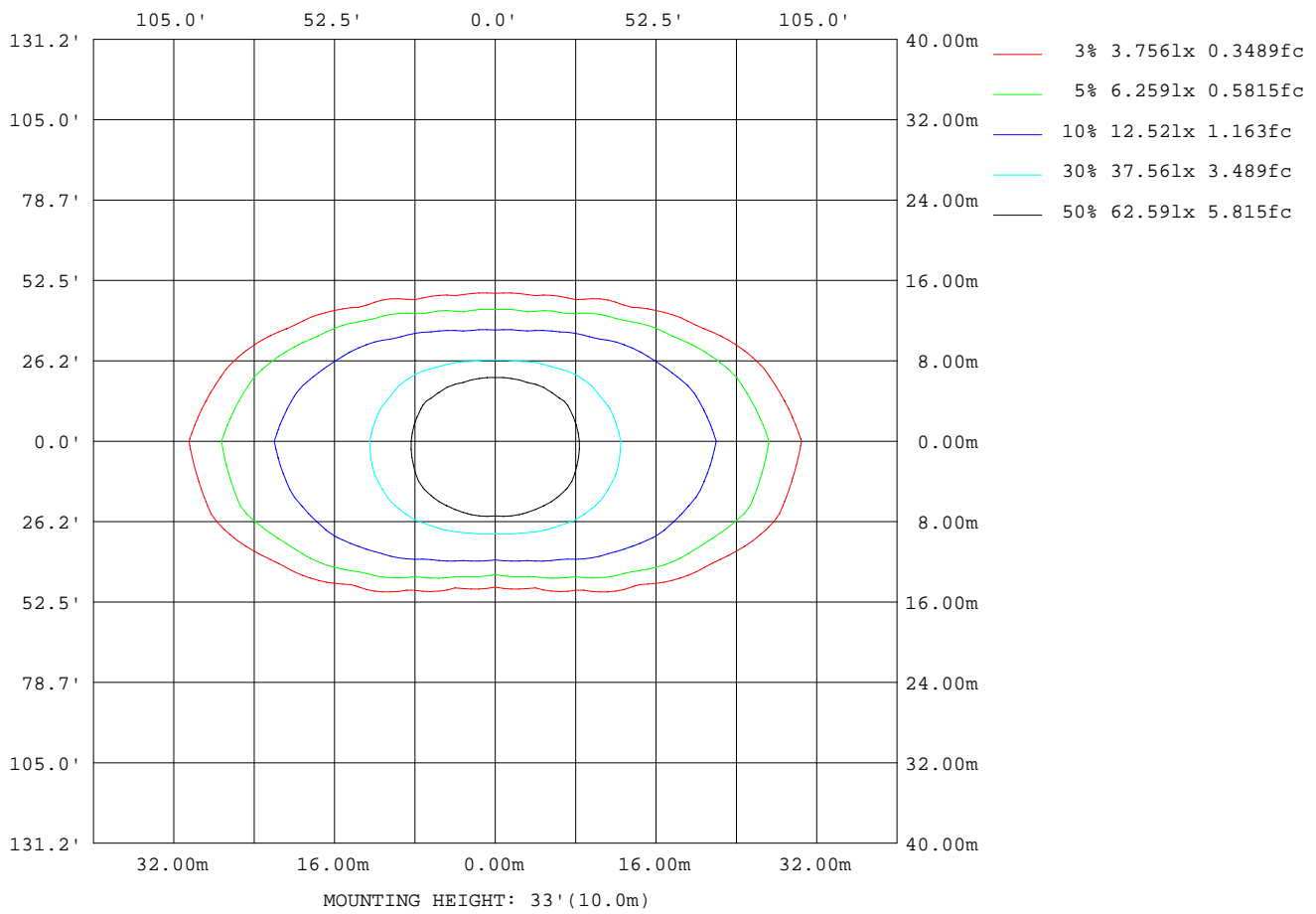
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-03-13

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:220.0V I:1.437A P:312.0W PF:0.9871 Freq:49.99Hz Lamp Flux:42929.9x1 lm		
NAME: AOK	TYPE:LED	WEIGHT:9.5KG
SPEC.:AOK-315WINM-NV-V2-00-4070-150X80-P	DIM.: ϕ 490*230mm	SERIAL No.:
MFR.: AOK	SUR.: ϕ 460mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-03-13

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:220.0V I:1.437A P:312.0W PF:0.9871 Freq:49.99Hz Lamp Flux:42929.9x1 lm		
NAME: AOK	TYPE:LED	WEIGHT:9.5KG
SPEC.:AOK-315WINM-NV-V2-00-4070-150X80-P	DIM.: φ490*230mm	SERIAL No.:
MFR.: AOK	SUR.:φ460mm	Shielding Angle:

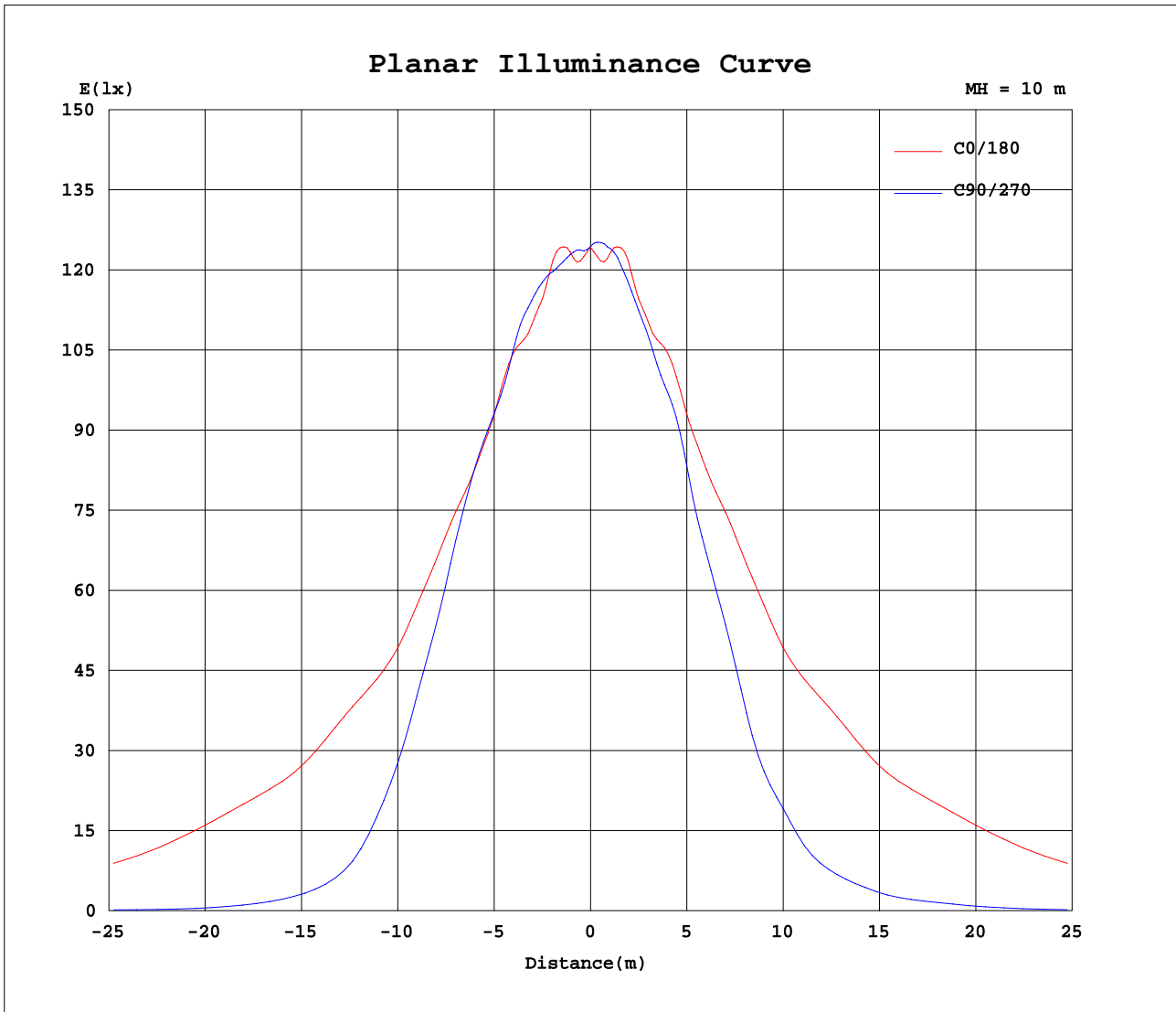
AvgL	cd/m2
L_0~180 (65) av	156282
L_0~180 (75) av	97009
L_0~180 (85) av	9388
L_90~270 (65) av	5311
L_90~270 (75) av	2981
L_90~270 (85) av	3787
L_45 (65) av	23028
L_45 (75) av	4247
L_45 (85) av	4773

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-03-13

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: 2019-03-13

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:220.0V I:1.437A P:312.0W PF:0.9871 Freq:49.99Hz Lamp Flux:42929.9x1 lm		
NAME: AOK	TYPE:LED	WEIGHT:9.5KG
SPEC.:AOK-315WINM-NV-V2-00-4070-150X80-P	DIM.: φ490*230mm	SERIAL No.:
MFR.: AOK	SUR.:φ460mm	Shielding Angle:

Table--1

UNIT: x10cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245	1245
5	1239	1235	1236	1230	1229	1233	1249	1233	1229	1230	1236	1235	1239	1237	1232	1233	1238	1247	1259
10	1295	1315	1315	1287	1257	1242	1261	1242	1257	1287	1315	1315	1295	1287	1289	1271	1239	1233	1251
15	1258	1276	1282	1328	1341	1285	1297	1285	1341	1328	1282	1276	1258	1262	1275	1274	1239	1215	1230
20	1284	1281	1284	1316	1375	1324	1325	1324	1375	1316	1284	1281	1284	1264	1234	1242	1233	1205	1210
25	1312	1309	1364	1349	1369	1319	1296	1319	1369	1349	1364	1309	1312	1302	1244	1228	1250	1181	1200
30	1311	1319	1379	1403	1342	1354	1318	1354	1342	1403	1379	1319	1311	1306	1280	1242	1168	1107	1082
35	1361	1360	1391	1388	1338	1318	1260	1318	1338	1388	1391	1360	1361	1298	1267	1211	1075	1003	977
40	1392	1407	1441	1368	1252	1151	1078	1151	1252	1368	1441	1407	1392	1351	1329	1119	977	781	731
45	1396	1456	1455	1323	1118	873	784	873	1118	1323	1455	1456	1396	1327	1278	1051	755	598	541
50	1509	1511	1441	1224	812	547	438	547	812	1224	1441	1511	1509	1415	1209	905	569	371	338
55	1585	1591	1420	984	515	278	216	278	515	984	1420	1591	1585	1418	1189	676	366	245	230
60	1716	1624	1268	681	269	138	111	138	269	681	1268	1624	1716	1440	981	477	207	156	146
65	1783	1539	1000	323	93.0	55.7	44.9	55.7	93.0	323	1000	1539	1783	1400	708	203	97.2	82.0	76.3
70	1517	1259	480	83.9	33.7	29.0	27.4	29.0	33.7	83.9	480	1259	1517	981	312	53.6	36.4	31.5	30.4
75	678	471	114	31.2	22.7	20.4	19.4	20.4	22.7	31.2	114	471	678	319	68.1	28.2	24.5	22.8	22.3
80	117	57.1	31.1	20.1	16.0	14.4	14.7	14.4	16.0	20.1	31.1	57.1	117	40.9	28.6	19.2	17.1	16.7	16.5
85	22.1	19.7	15.4	11.6	9.22	8.42	8.37	8.42	9.22	11.6	15.4	19.7	22.1	17.4	15.1	10.8	9.87	9.44	9.46
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:2019-03-13

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:220.0V I:1.437A P:312.0W PF:0.9871 Freq:49.99Hz Lamp Flux:42929.9x1 lm		
NAME: AOK	TYPE:LED	WEIGHT:9.5KG
SPEC.:AOK-315WINM-NV-V2-00-4070-150X80-P	DIM.: φ490*230mm	SERIAL No.:
MFR.: AOK	SUR.:φ460mm	Shielding Angle:

Table--2

UNIT: x10cd

C (DEG) \ γ (DEG)	285	300	315	330	345														
0	1245	1245	1245	1245	1245														
5	1247	1238	1233	1232	1237														
10	1233	1239	1271	1289	1287														
15	1215	1239	1274	1275	1262														
20	1205	1233	1242	1234	1264														
25	1181	1250	1228	1244	1302														
30	1107	1168	1242	1280	1306														
35	1003	1075	1211	1267	1298														
40	781	977	1119	1329	1351														
45	598	755	1051	1278	1327														
50	371	569	905	1209	1415														
55	245	366	676	1189	1418														
60	156	207	477	981	1440														
65	82.0	97.2	203	708	1400														
70	31.5	36.4	53.6	312	981														
75	22.8	24.5	28.2	68.1	319														
80	16.7	17.1	19.2	28.6	40.9														
85	9.44	9.87	10.8	15.1	17.4														
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:2019-03-13

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: