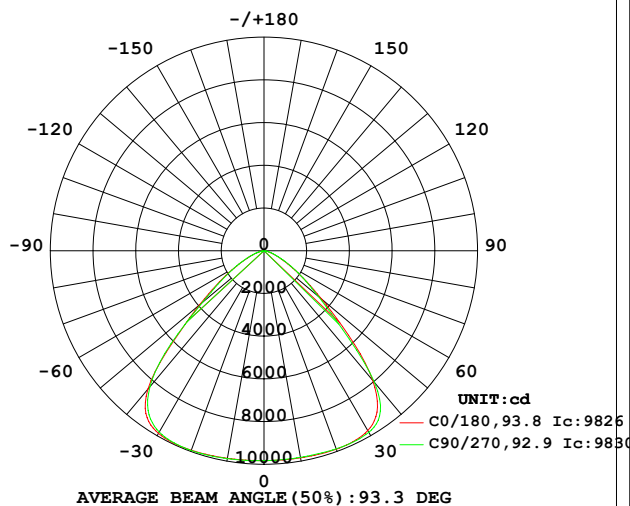


LUMINAIRE PHOTOMETRIC TEST REPORT

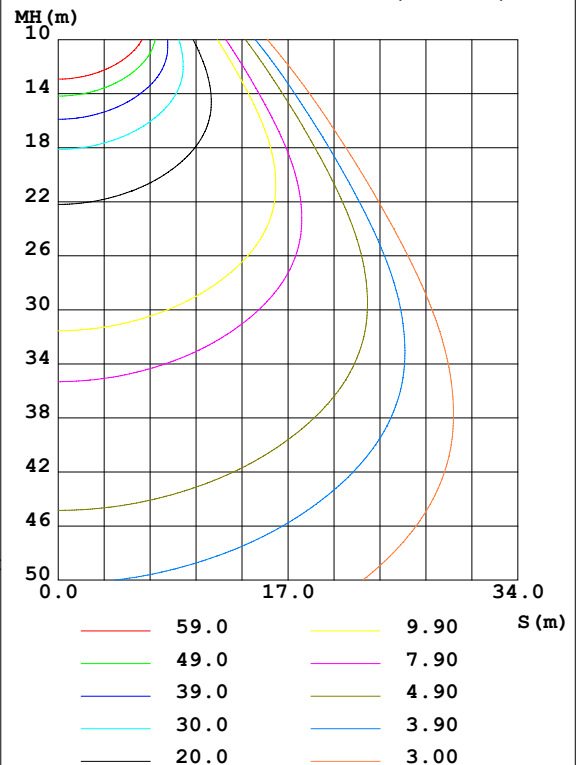
Test:U:219.3V I:0.5648A P:121.4W PF:0.9800 Freq:50.01Hz Lamp Flux:22026.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 181.49 lm/W			
MODEL	2835	I _{max} (cd)	9970	S/MH (C0/180)	1.37
NOMINAL POWER (W)	120	LOR (%)	100.0	S/MH (C90/270)	1.38
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	22026	η UP,DN (C0-180)	0.0,49.4
NOMINAL FLUX (lm)	22026.3	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.35

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:yanyonggeng
Test Date:2024-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [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	9842	9824	9822	9837	9868	9883	9882	9867	0- 10	939.4	939.4	4.26,4.26
20	9888	9865	9871	9893	9941	9960	9951	9930	10- 20	2803	3742	17,17
30	9719	9763	9813	9811	9874	9864	9803	9773	20- 30	4577	8319	37.8,37.8
40	7919	7960	8042	8240	8452	8439	8297	7988	30- 40	5793	14113	64.1,64.1
50	3525	3502	3320	3713	3935	3901	3751	3656	40- 50	4450	18562	84.3,84.3
60	1418	1407	1463	1581	1606	1553	1586	1543	50- 60	2182	20744	94.2,94.2
70	486.3	507.6	513.9	589.4	553.9	579.1	573.4	560.1	60- 70	948.5	21693	98.5,98.5
80	103.1	92.90	109.7	110.1	132.5	112.5	132.4	98.74	70- 80	302.6	21995	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	30.82	22026	100,100
100	0	0	0	0	0	0	0	0	90-100	0	22026	100,100
110	0	0	0	0	0	0	0	0	100-110	0	22026	100,100
120	0	0	0	0	0	0	0	0	110-120	0	22026	100,100
130	0	0	0	0	0	0	0	0	120-130	0	22026	100,100
140	0	0	0	0	0	0	0	0	130-140	0	22026	100,100
150	0	0	0	0	0	0	0	0	140-150	0	22026	100,100
160	0	0	0	0	0	0	0	0	150-160	0	22026	100,100
170	0	0	0	0	0	0	0	0	160-170	0	22026	100,100
180	0	0	0	0	0	0	0	0	170-180	0	22026	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 16702 lm

%lum = 75.8%

%lamp = 75.8%

Conical surface Flux(120deg): 20744 lm

%lum = 94.2%

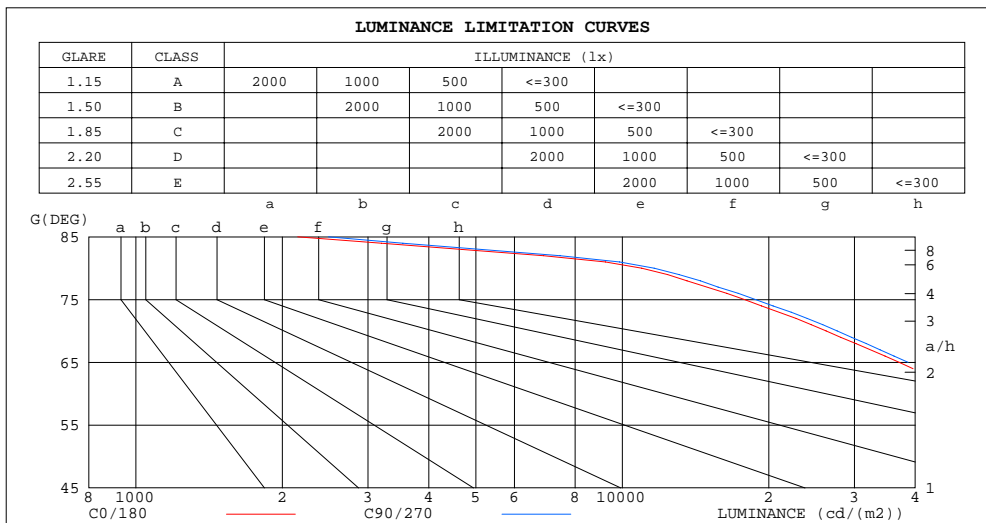
%lamp = 94.2%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.3V I:0.5648A P:121.4W PF:0.9800 Freq:50.01Hz Lamp Flux:22026.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2151	2488
80	10962	11629
75	17830	18786
70	26243	27651
65	37077	38663
60	52341	53838
55	72740	72021
50	101219	95051
45	146212	135232

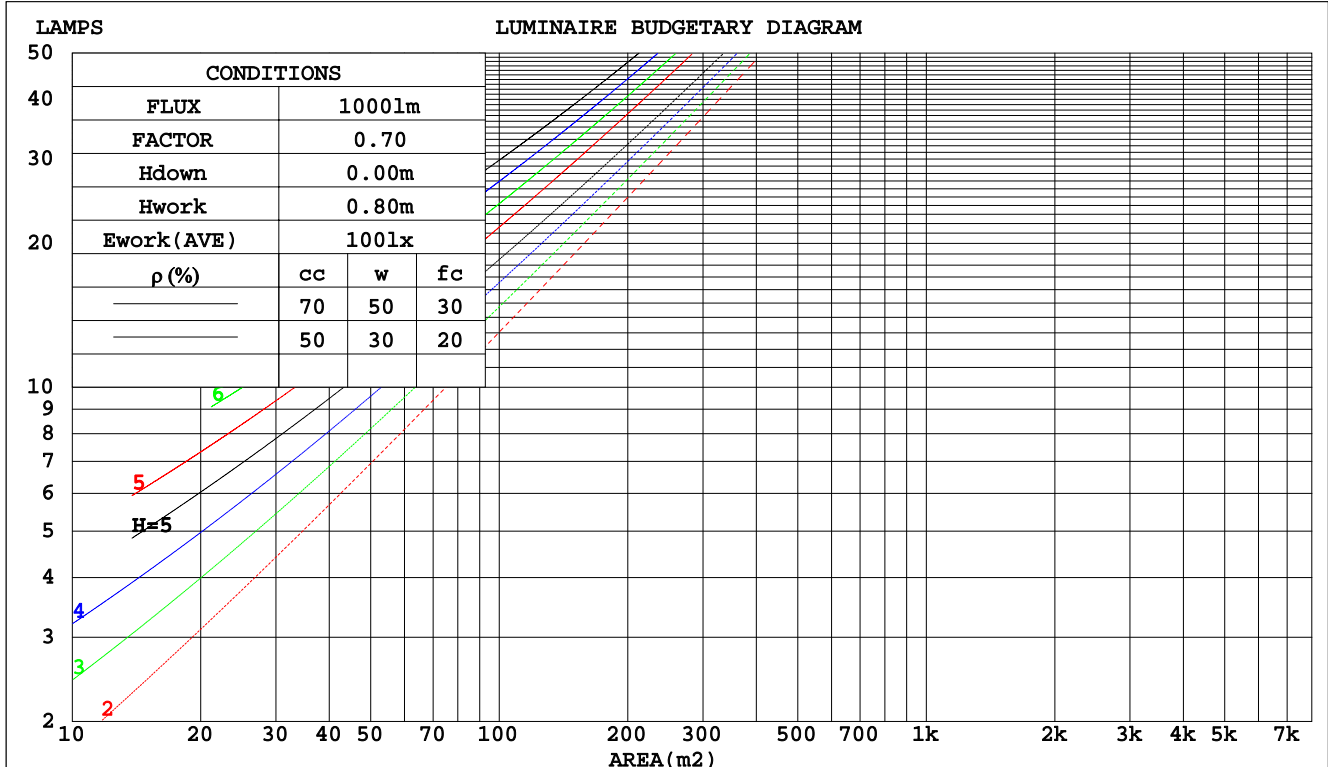
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.3V I:0.5648A P:121.4W PF:0.9800 Freq:50.01Hz Lamp Flux:22026.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.08	1.05	1.02	1.06	1.03	1.00	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.97	.92	.87	.95	.90	.86	.92	.88	.84	.89	.85	.82	.86	.83	.81	.79
3.0	.87	.81	.76	.86	.80	.75	.83	.78	.74	.81	.76	.72	.78	.74	.71	.69
4.0	.79	.72	.66	.78	.71	.66	.75	.69	.65	.73	.68	.64	.71	.67	.63	.61
5.0	.72	.64	.58	.71	.63	.58	.69	.62	.57	.67	.61	.57	.65	.60	.56	.54
6.0	.65	.57	.52	.64	.57	.52	.63	.56	.51	.61	.55	.51	.60	.54	.50	.49
7.0	.60	.52	.46	.59	.52	.46	.57	.51	.46	.56	.50	.46	.55	.50	.45	.44
8.0	.55	.47	.42	.54	.47	.42	.53	.46	.42	.52	.46	.41	.51	.45	.41	.39
9.0	.51	.43	.38	.50	.43	.38	.49	.42	.38	.48	.42	.38	.47	.41	.37	.36
10.0	.47	.39	.35	.46	.39	.35	.45	.39	.34	.44	.38	.34	.44	.38	.34	.33



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:219.3V I:0.5648A P:121.4W PF:0.9800 Freq:50.01Hz Lamp Flux:22026.3x1 lm					
NAME: AOK HBE			TYPE:		WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-4080-90D-P			DIM.:		SERIAL No.:
MFR.: AOK			SUR.: Φ 263mm		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	.233	.133	.042	.226	.129	.041	.213	.122	.039	.202	.116	.037	.191	.111	.036	
2.0	.228	.125	.038	.222	.122	.038	.211	.117	.036	.201	.113	.035	.191	.108	.034	
3.0	.218	.116	.035	.213	.114	.034	.203	.110	.033	.194	.106	.033	.186	.103	.032	
4.0	.207	.108	.032	.202	.106	.031	.194	.103	.031	.186	.100	.030	.178	.097	.030	
5.0	.196	.100	.029	.192	.098	.029	.184	.096	.028	.177	.093	.028	.171	.091	.027	
6.0	.185	.093	.027	.182	.092	.026	.175	.090	.026	.169	.088	.026	.163	.086	.025	
7.0	.175	.087	.025	.172	.086	.024	.166	.084	.024	.160	.082	.024	.155	.081	.024	
8.0	.166	.081	.023	.163	.080	.023	.158	.079	.023	.153	.077	.022	.148	.076	.022	
9.0	.158	.076	.021	.155	.076	.021	.150	.074	.021	.145	.073	.021	.141	.072	.021	
10.0	.150	.072	.020	.147	.071	.020	.143	.070	.020	.139	.069	.020	.135	.068	.019	

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	.175	.157	.140	.150	.135	.121	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.164	.132	.106	.140	.114	.091	.096	.079	.064	.055	.046	.037	.018	.015	.012	
3.0	.154	.114	.082	.132	.098	.071	.091	.068	.050	.053	.040	.029	.017	.013	.010	
4.0	.146	.100	.065	.126	.086	.056	.086	.060	.040	.050	.035	.023	.016	.011	.008	
5.0	.139	.089	.052	.120	.077	.045	.082	.054	.032	.048	.032	.019	.015	.010	.006	
6.0	.133	.081	.043	.114	.070	.038	.079	.049	.027	.046	.029	.016	.015	.009	.005	
7.0	.127	.074	.036	.109	.064	.032	.075	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.121	.068	.031	.104	.059	.027	.072	.041	.019	.042	.024	.011	.014	.008	.004	
9.0	.116	.063	.027	.100	.054	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.095	.051	.021	.066	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.3V I:0.5648A P:121.4W PF:0.9800 Freq:50.01Hz Lamp Flux:22026.3x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-120WHBE-NV-L2-00-4080-90D-P					DIM.:			SERIAL No.:		
MFR.: AOK					SUR.: Φ 263mm			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	27.3	28.6	27.6	28.8	29.0	27.3	28.6	27.5	28.8	28.9
3H	27.5	28.6	27.7	28.9	29.1	27.4	28.6	27.7	28.8	29.0
4H	27.4	28.6	27.7	28.8	29.0	27.4	28.5	27.7	28.8	29.0
6H	27.4	28.4	27.7	28.7	28.9	27.3	28.4	27.7	28.6	28.9
8H	27.3	28.3	27.7	28.6	28.9	27.3	28.3	27.6	28.6	28.9
12H	27.3	28.2	27.6	28.5	28.8	27.3	28.2	27.6	28.5	28.8
4H 2H	27.3	28.4	27.6	28.7	28.9	27.3	28.4	27.6	28.6	28.9
3H	27.5	28.5	27.9	28.8	29.1	27.5	28.4	27.8	28.7	29.0
4H	27.5	28.4	27.9	28.7	29.0	27.5	28.4	27.9	28.7	29.0
6H	27.5	28.3	27.9	28.6	28.9	27.5	28.2	27.9	28.6	28.9
8H	27.5	28.2	27.9	28.5	28.9	27.4	28.1	27.8	28.5	28.9
12H	27.4	28.0	27.8	28.4	28.8	27.4	28.0	27.8	28.4	28.8
8H 4H	27.4	28.1	27.8	28.5	28.9	27.4	28.1	27.8	28.5	28.8
6H	27.4	28.0	27.9	28.4	28.8	27.4	28.0	27.8	28.4	28.8
8H	27.4	27.9	27.8	28.3	28.8	27.4	27.9	27.8	28.3	28.7
12H	27.3	27.8	27.8	28.2	28.7	27.3	27.7	27.8	28.2	28.7
12H 4H	27.4	28.0	27.8	28.4	28.8	27.4	28.0	27.8	28.4	28.8
6H	27.4	27.9	27.8	28.3	28.7	27.4	27.9	27.8	28.3	28.7
8H	27.3	27.8	27.8	28.2	28.7	27.3	27.7	27.8	28.2	28.7
Variations with the observer position at spacings:										
S = 1.0H	+ 1.5 / - 2.3					+ 1.4 / - 2.3				
1.5H	+ 1.5 / - 1.7					+ 1.7 / - 1.6				
2.0H	+ 3.1 / - 2.8					+ 2.7 / - 2.8				

CIE Pub.117, 22026 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 10.7$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.3V I:0.5648A P:121.4W PF:0.9800 Freq:50.01Hz Lamp Flux:22026.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

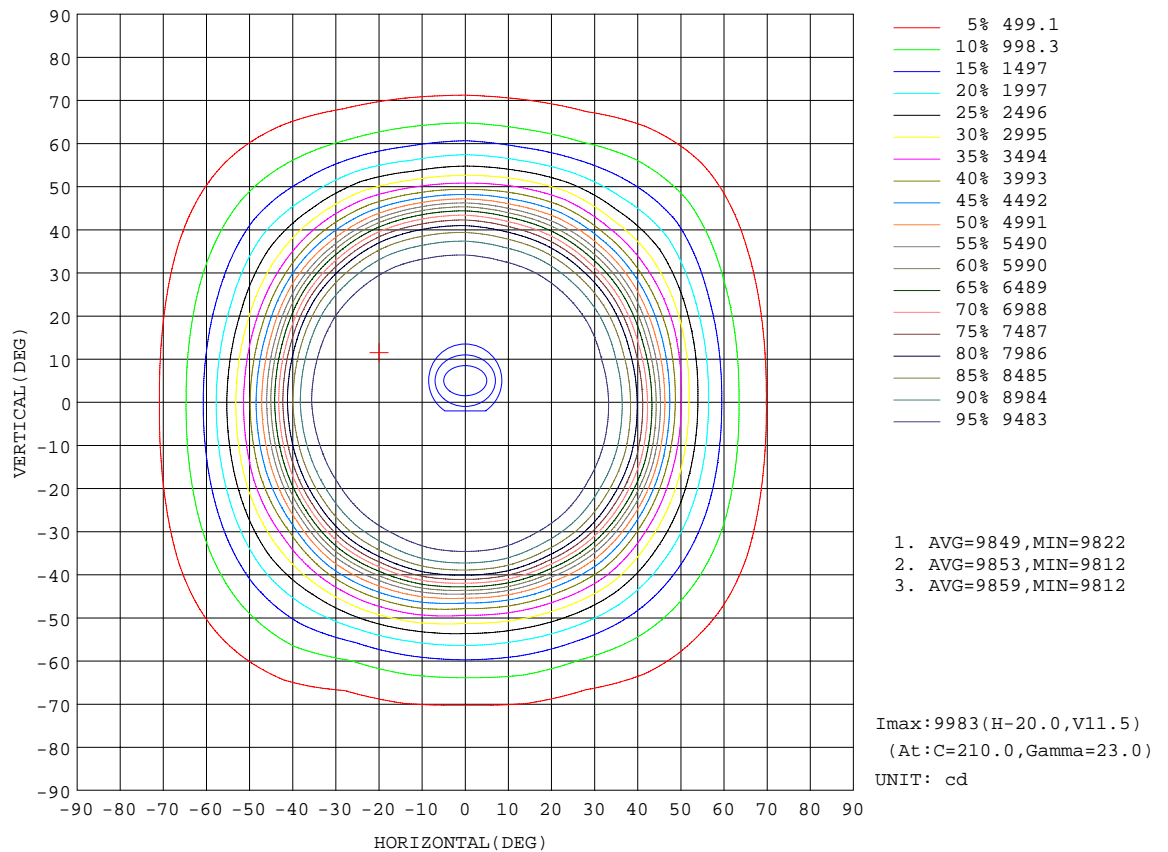
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	69	59	53	68	59	53	67	58	53	48
0.80	79	69	64	78	69	63	76	68	63	57
1.00	87	78	72	86	77	72	84	78	72	66
1.25	93	85	80	92	84	79	89	83	78	73
1.50	97	90	85	96	89	84	93	87	83	77
2.00	102	96	91	101	95	91	98	93	89	83
2.50	105	99	95	103	98	94	100	95	92	85
3.00	107	102	98	105	101	97	102	98	95	88
4.00	110	106	103	108	104	101	104	101	99	91
5.00	112	108	105	110	106	104	105	103	101	92
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.3V I:0.5648A P:121.4W PF:0.9800 Freq:50.01Hz Lamp Flux:22026.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

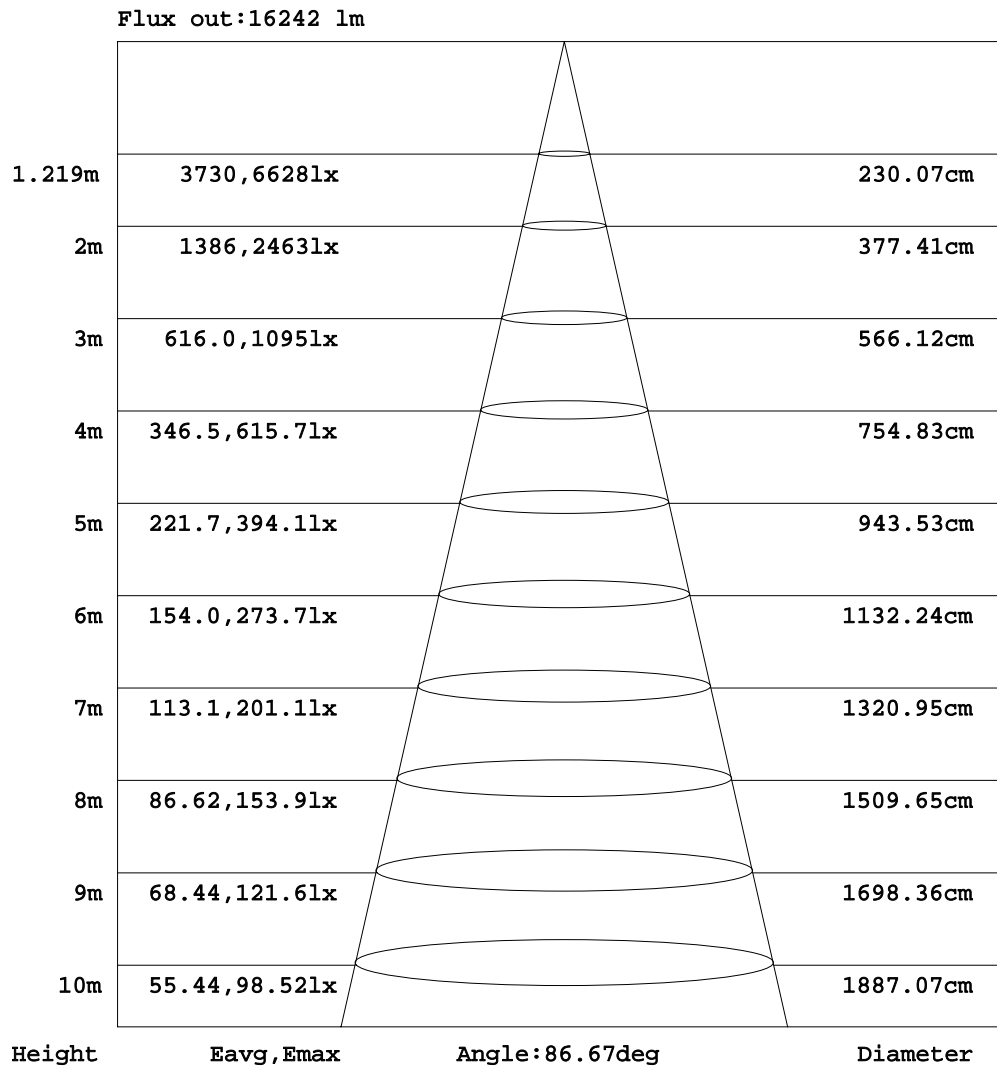


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

AAI Figure

Test:U:219.3V I:0.5648A P:121.4W PF:0.9800 Freq:50.01Hz Lamp Flux:22026.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



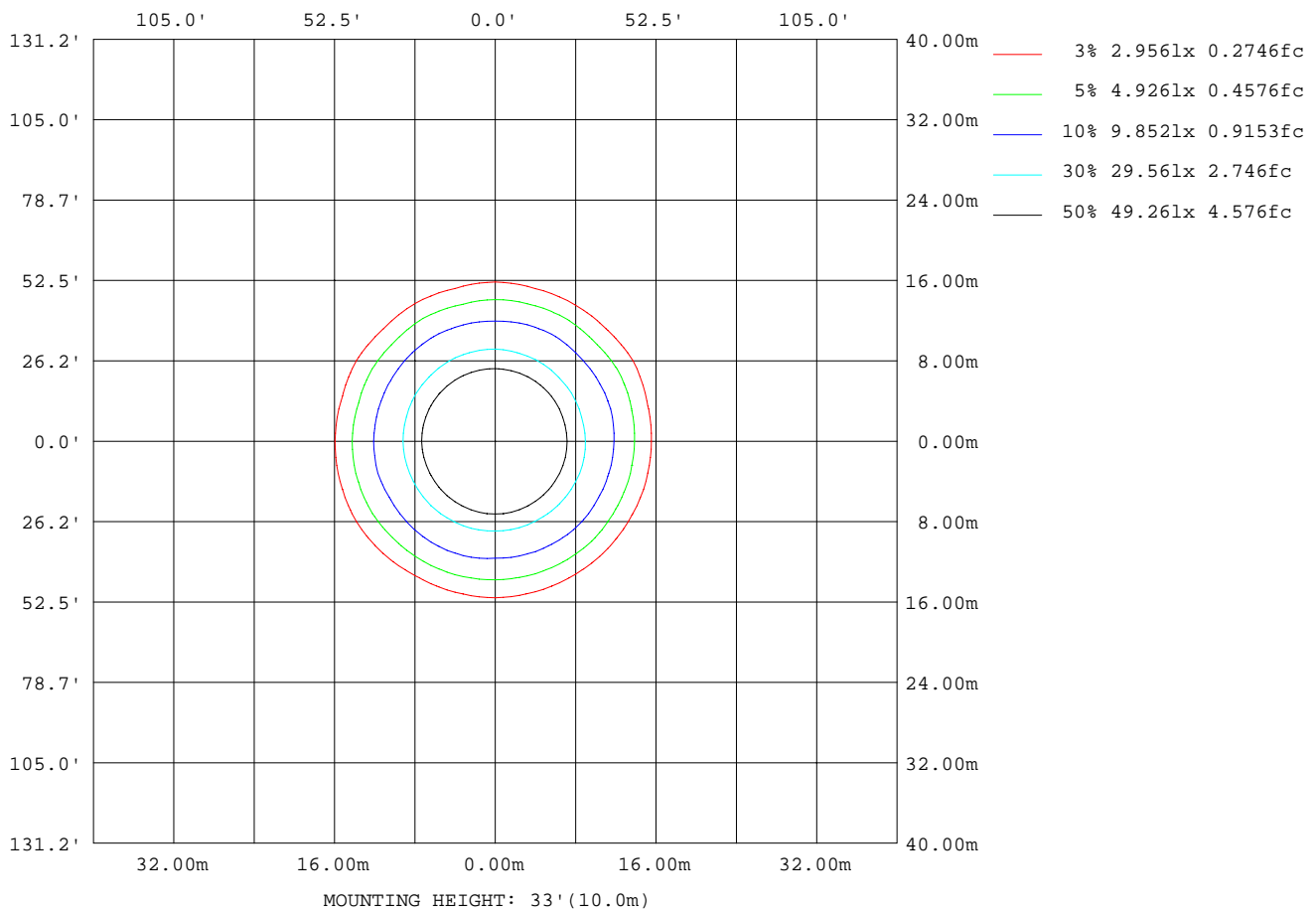
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:219.3V I:0.5648A P:121.4W PF:0.9800 Freq:50.01Hz Lamp Flux:22026.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:219.3V I:0.5648A P:121.4W PF:0.9800 Freq:50.01Hz Lamp Flux:22026.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

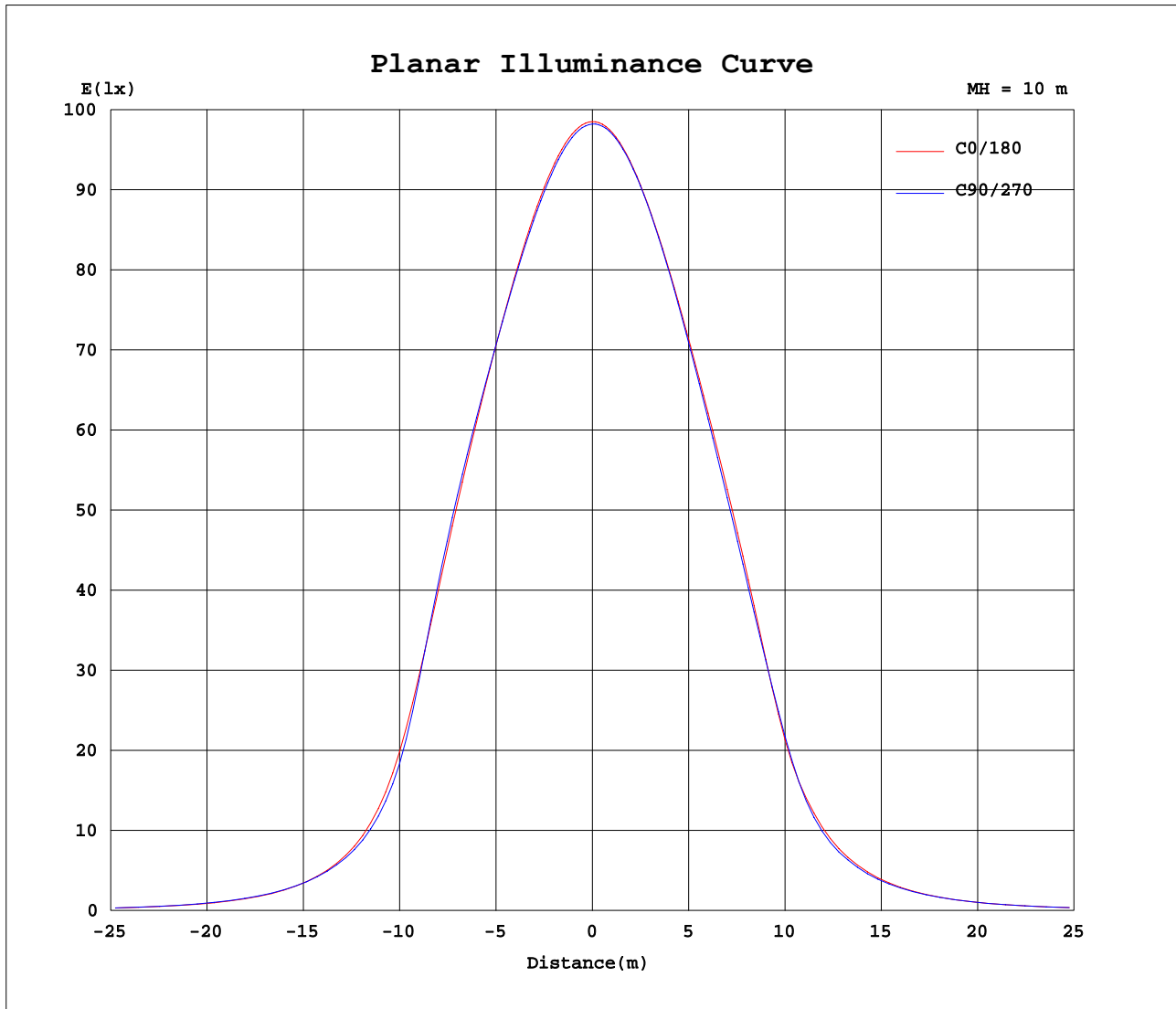
AvgL	cd/m2
L_0~180 (65) av	39522
L_0~180 (75) av	19339
L_0~180 (85) av	3320
L_90~270 (65) av	40532
L_90~270 (75) av	20242
L_90~270 (85) av	3083
L_45 (65) av	41325
L_45 (75) av	18804
L_45 (85) av	3706

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-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: yanyonggeng
Test Date: 2024-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.5648A P:121.4W PF:0.9800 Freq:50.01Hz Lamp Flux:22026.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	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	9826	9826	9826	9826	9826	9826	9826	9826	9826	9826	9826	9826	9826	9826	9826	9826	9826	9826	9826
5	9829	9826	9824	9821	9820	9818	9819	9821	9825	9826	9831	9835	9842	9845	9848	9850	9852	9851	9850
10	9842	9834	9829	9824	9822	9820	9822	9826	9832	9837	9848	9857	9868	9875	9879	9883	9885	9884	9882
15	9869	9856	9850	9840	9839	9835	9838	9843	9853	9862	9877	9889	9903	9915	9921	9925	9928	9927	9922
20	9888	9878	9871	9865	9867	9866	9871	9876	9884	9893	9909	9923	9941	9952	9959	9960	9959	9956	9951
25	9864	9858	9856	9859	9868	9879	9882	9884	9888	9895	9910	9930	9952	9960	9967	9964	9960	9943	9934
30	9719	9726	9732	9763	9782	9809	9813	9820	9806	9811	9820	9850	9874	9879	9884	9864	9850	9815	9803
35	9223	9258	9264	9322	9356	9436	9440	9450	9411	9431	9433	9496	9540	9543	9550	9502	9481	9408	9381
40	7919	8004	7930	7960	7907	8047	8042	8150	8126	8240	8242	8363	8452	8455	8508	8439	8456	8353	8297
45	5602	5650	5394	5360	5205	5238	5197	5468	5560	5758	5720	5901	6016	6000	6131	6080	6215	6158	6161
50	3525	3459	3421	3502	3414	3376	3320	3554	3665	3713	3691	3928	3935	3854	3851	3901	3924	3796	3751
55	2260	2238	2208	2240	2222	2212	2245	2270	2323	2394	2532	2551	2553	2472	2539	2450	2520	2381	2439
60	1418	1442	1405	1407	1388	1453	1463	1452	1416	1581	1639	1625	1606	1583	1642	1553	1557	1531	1586
65	849	887	852	868	827	911	888	898	838	996	1009	1005	966	988	1001	968	928	952	973
70	486	509	489	508	471	531	514	529	481	589	590	594	554	584	586	579	544	570	573
75	250	255	232	238	226	272	264	275	240	286	289	309	294	303	303	285	285	299	305
80	103	93.7	68.0	92.9	70.7	104	110	105	80.1	110	97.2	122	132	130	97.6	112	97.2	121	132
85	10.2	9.71	10.5	11.6	10.3	9.77	11.8	11.8	15.3	19.2	17.7	17.0	21.3	18.1	19.6	22.7	21.8	16.5	17.4
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:yanyonggeng
Test Date:2024-10-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.5648A P:121.4W PF:0.9800 Freq:50.01Hz Lamp Flux:22026.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	9826	9826	9826	9826	9826														
5	9849	9846	9843	9838	9835														
10	9879	9873	9867	9860	9854														
15	9918	9910	9905	9894	9886														
20	9946	9940	9930	9918	9908														
25	9926	9924	9912	9896	9880														
30	9783	9789	9773	9768	9740														
35	9329	9333	9294	9283	9224														
40	8154	8114	7988	7968	7880														
45	5895	5826	5641	5605	5529														
50	3812	3857	3656	3648	3703														
55	2411	2440	2356	2469	2353														
60	1497	1499	1543	1607	1462														
65	915	880	963	978	882														
70	542	509	560	559	510														
75	283	260	248	273	260														
80	114	90.1	98.7	84.4	100														
85	15.9	17.7	16.6	14.9	10.8														
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:yanyonggeng
Test Date:2024-10-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks: