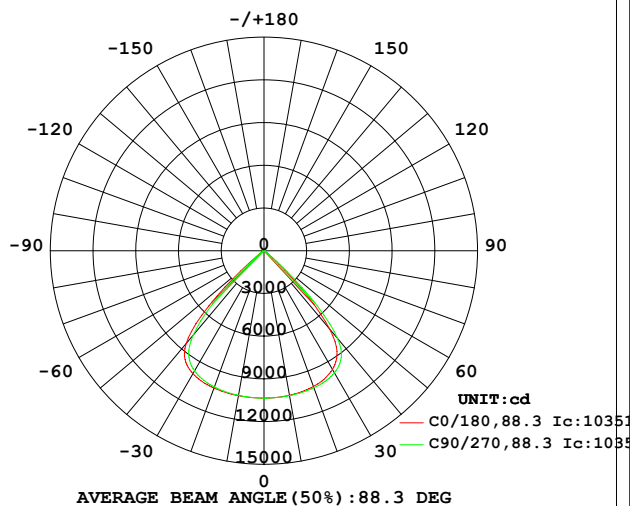


LUMINAIRE PHOTOMETRIC TEST REPORT

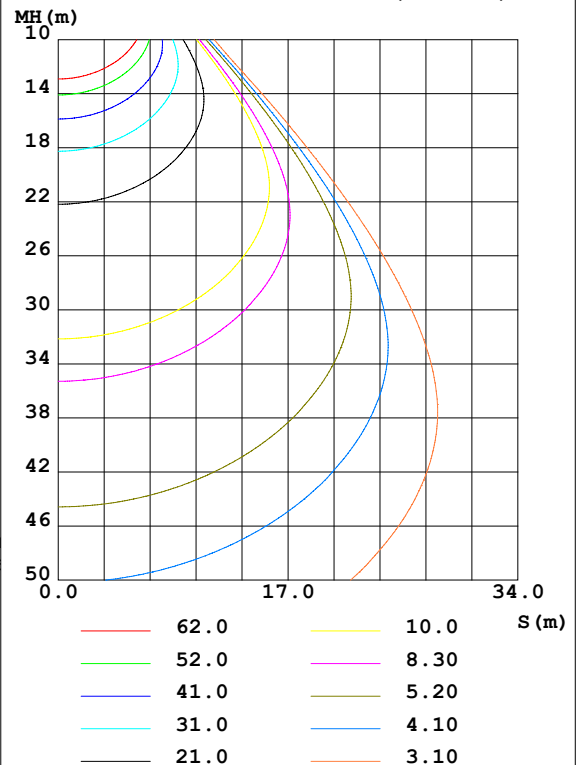
Test:U:219.3V I:0.4688A P:100.2W PF:0.9740 Freq:50.00Hz Lamp Flux:18176.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 181.47 lm/W			
MODEL	2835	I _{max} (cd)	10358	S/MH (C0/180)	1.34
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	18177	η UP,DN (C0-180)	0.0,50.2
NOMINAL FLUX (lm)	18176.7	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.8
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:2024-8-20

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	1031	1032	1034	1034	1034	1033	1031	1030	0- 10	986.8	986.8	5.43, 5.43
20	1015	1019	1024	1027	1026	1023	1018	1015	10- 20	2912	3899	21.4, 21.4
30	962.4	975.5	989.7	998.6	997.6	987.0	975.3	964.0	20- 30	4648	8547	47, 47
40	717.3	758.7	804.1	848.2	850.9	815.2	773.4	728.3	30- 40	5717	14264	78.5, 78.5
50	82.05	87.71	121.2	148.2	153.4	128.5	103.5	88.91	40- 50	3389	17653	97.1, 97.1
60	14.58	15.41	17.03	19.42	19.24	17.69	16.05	14.97	50- 60	346.9	18000	99, 99
70	7.259	7.591	8.040	9.076	8.954	8.436	7.760	7.409	60- 70	116.4	18116	99.7, 99.7
80	1.905	1.928	2.354	2.658	2.887	2.420	2.398	1.867	70- 80	53.09	18169	100, 100
90	0	0	0	0	0	0	0	0	80- 90	7.247	18177	100, 100
100	0	0	0	0	0	0	0	0	90-100	0	18177	100, 100
110	0	0	0	0	0	0	0	0	100-110	0	18177	100, 100
120	0	0	0	0	0	0	0	0	110-120	0	18177	100, 100
130	0	0	0	0	0	0	0	0	120-130	0	18177	100, 100
140	0	0	0	0	0	0	0	0	130-140	0	18177	100, 100
150	0	0	0	0	0	0	0	0	140-150	0	18177	100, 100
160	0	0	0	0	0	0	0	0	150-160	0	18177	100, 100
170	0	0	0	0	0	0	0	0	160-170	0	18177	100, 100
180	0	0	0	0	0	0	0	0	170-180	0	18177	100, 100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT: lm		

Conical surface Flux(90deg): 16603 lm

%lum = 91.3%

%lamp = 91.3%

Conical surface Flux(120deg): 18000 lm

%lum = 99.0%

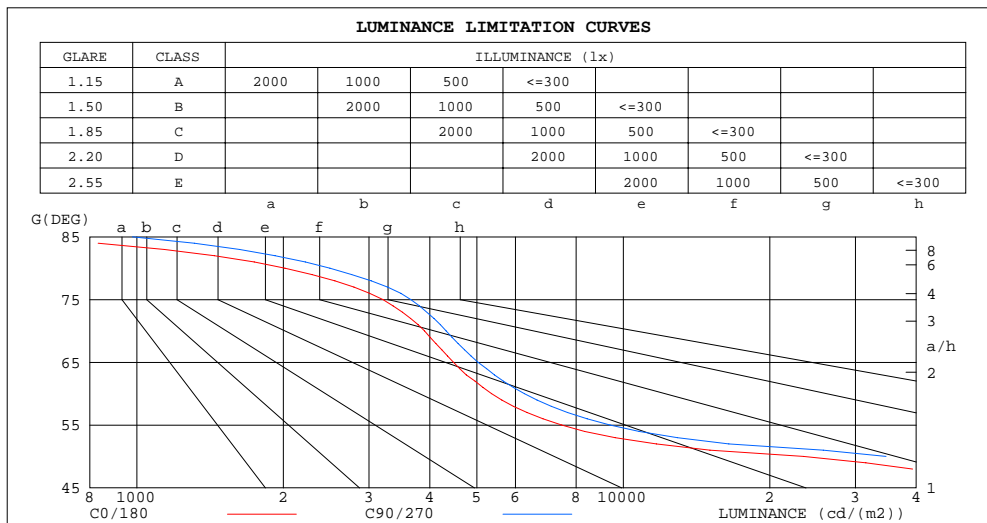
%lamp = 99.0%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-20

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:0.4688A P:100.2W PF:0.9740 Freq:50.00Hz Lamp Flux:18176.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	520	979
80	2016	2493
75	3205	3655
70	3901	4324
65	4477	5025
60	5360	6263
55	7469	9389
50	23461	34671
45	89845	118642

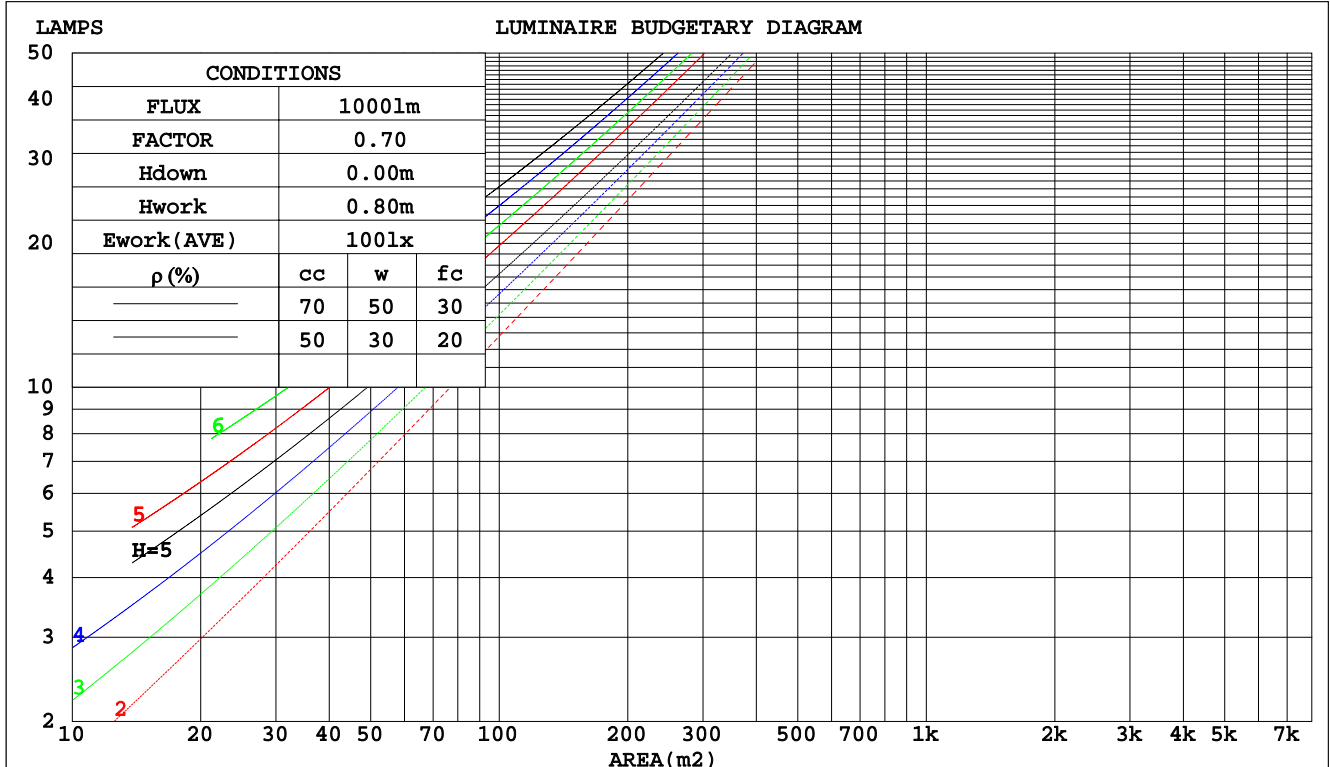
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-20

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:0.4688A P:100.2W PF:0.9740 Freq:50.00Hz Lamp Flux:18176.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-90D-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	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	1.00
1.0	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.95	.93	.92
2.0	1.00	.95	.92	.98	.94	.91	.95	.92	.88	.92	.89	.87	.89	.87	.85	.83
3.0	.92	.86	.81	.90	.85	.81	.88	.83	.79	.85	.81	.78	.83	.80	.77	.75
4.0	.84	.78	.73	.83	.77	.72	.81	.75	.71	.79	.74	.70	.77	.73	.70	.68
5.0	.77	.70	.65	.76	.70	.65	.74	.69	.64	.73	.68	.64	.71	.67	.63	.61
6.0	.71	.64	.59	.70	.64	.59	.69	.63	.58	.67	.62	.58	.66	.61	.57	.56
7.0	.66	.58	.54	.65	.58	.53	.63	.57	.53	.62	.57	.53	.61	.56	.52	.51
8.0	.61	.54	.49	.60	.53	.49	.59	.53	.48	.58	.52	.48	.57	.52	.48	.46
9.0	.56	.49	.45	.56	.49	.45	.55	.49	.44	.54	.48	.44	.53	.48	.44	.42
10.0	.52	.45	.41	.52	.45	.41	.51	.45	.41	.50	.45	.41	.49	.44	.41	.39



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-20

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:0.4688A P:100.2W PF:0.9740 Freq:50.00Hz Lamp Flux:18176.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-90D-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	.204	.116	.037	.197	.112	.036	.184	.106	.034	.172	.099	.032	.162	.094	.030		
2.0	.198	.109	.033	.193	.106	.033	.182	.101	.031	.172	.096	.030	.163	.092	.029		
3.0	.191	.102	.030	.186	.100	.030	.176	.096	.029	.168	.092	.028	.160	.088	.027		
4.0	.183	.095	.028	.178	.093	.028	.170	.090	.027	.163	.087	.026	.155	.084	.026		
5.0	.175	.089	.026	.171	.088	.026	.163	.085	.025	.157	.083	.025	.150	.080	.024		
6.0	.167	.084	.024	.163	.082	.024	.157	.080	.023	.151	.078	.023	.145	.076	.023		
7.0	.159	.079	.022	.156	.078	.022	.150	.076	.022	.145	.074	.022	.140	.073	.021		
8.0	.152	.074	.021	.149	.074	.021	.144	.072	.021	.139	.071	.020	.135	.069	.020		
9.0	.145	.070	.020	.143	.070	.020	.138	.068	.019	.134	.067	.019	.130	.066	.019		
10.0	.139	.067	.018	.137	.066	.018	.133	.065	.018	.129	.064	.018	.125	.063	.018		

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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.160	.132	.109	.137	.114	.094	.094	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.149	.114	.085	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.140	.100	.068	.121	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.133	.088	.055	.114	.076	.048	.079	.053	.034	.046	.031	.020	.015	.010	.007	
6.0	.126	.080	.046	.109	.069	.040	.075	.048	.028	.043	.028	.017	.014	.009	.006	
7.0	.120	.072	.039	.104	.063	.034	.072	.044	.024	.042	.026	.014	.013	.008	.005	
8.0	.115	.066	.033	.099	.058	.029	.069	.040	.020	.040	.024	.012	.013	.008	.004	
9.0	.110	.061	.029	.095	.053	.025	.066	.037	.018	.038	.022	.011	.012	.007	.003	
10.0	.106	.057	.025	.091	.050	.022	.063	.035	.016	.037	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-20

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:0.4688A P:100.2W PF:0.9740 Freq:50.00Hz Lamp Flux:18176.7x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-100WHBE-NV-L2-00-5080-90D-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	24.9	26.0	25.1	26.2	26.4	25.4	26.5	25.6	26.7	26.9
3H	24.7	25.7	25.0	26.0	26.2	25.2	26.2	25.5	26.5	26.7
4H	24.6	25.6	24.9	25.8	26.1	25.1	26.1	25.4	26.3	26.6
6H	24.5	25.4	24.8	25.7	25.9	25.0	25.9	25.3	26.2	26.5
8H	24.5	25.4	24.8	25.6	25.9	25.0	25.9	25.3	26.1	26.4
12H	24.4	25.3	24.8	25.5	25.8	24.9	25.8	25.3	26.1	26.3
4H 2H	24.6	25.6	24.9	25.8	26.0	25.1	26.1	25.4	26.3	26.6
3H	24.4	25.3	24.8	25.6	25.8	24.9	25.8	25.3	26.1	26.3
4H	24.4	25.1	24.7	25.4	25.7	24.9	25.6	25.2	25.9	26.2
6H	24.3	24.9	24.6	25.3	25.6	24.8	25.4	25.2	25.8	26.1
8H	24.2	24.8	24.6	25.2	25.6	24.7	25.3	25.1	25.7	26.1
12H	24.2	24.7	24.6	25.1	25.5	24.7	25.2	25.1	25.6	26.0
8H 4H	24.2	24.8	24.6	25.2	25.6	24.7	25.3	25.1	25.7	26.1
6H	24.1	24.6	24.6	25.0	25.4	24.6	25.1	25.1	25.5	25.9
8H	24.1	24.5	24.5	24.9	25.4	24.6	25.0	25.0	25.4	25.9
12H	24.0	24.4	24.5	24.9	25.3	24.5	24.9	25.0	25.4	25.8
12H 4H	24.2	24.7	24.6	25.1	25.5	24.7	25.2	25.1	25.6	26.0
6H	24.1	24.5	24.5	24.9	25.4	24.6	25.0	25.0	25.4	25.9
8H	24.0	24.4	24.5	24.9	25.3	24.5	24.9	25.0	25.4	25.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / -13.7					+ 2.5 / -13.4				
1.5H	+ 4.2 / -12.9					+ 3.9 / -13.0				
2.0H	+ 7.6 / - 9.0					+ 8.1 / -10.1				

CIE Pub.117, 18177 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 10.1$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-20

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:0.4688A P:100.2W PF:0.9740 Freq:50.00Hz Lamp Flux:18176.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

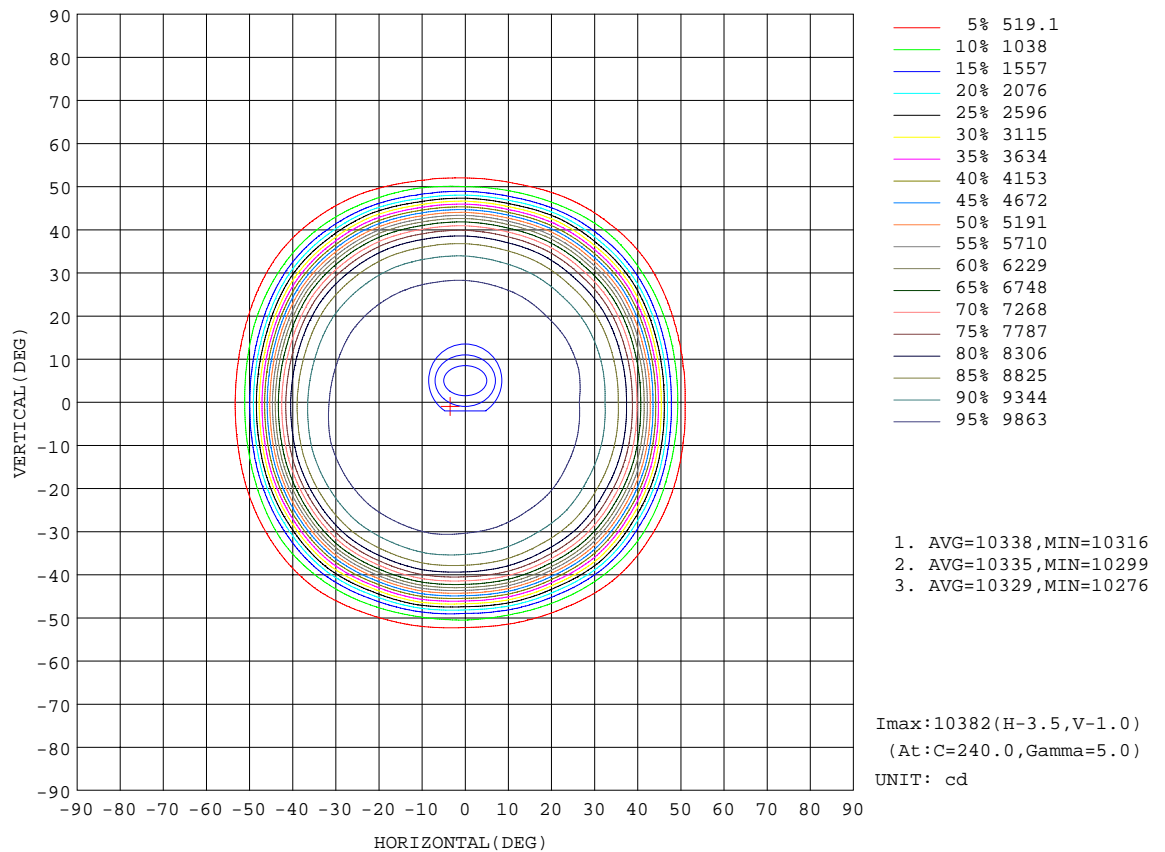
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	78	70	65	77	70	65	76	69	65	60
0.80	87	79	75	86	79	75	85	78	74	70
1.00	93	87	82	93	86	82	91	86	81	76
1.25	99	92	88	98	92	88	95	90	87	82
1.50	102	96	92	101	96	92	98	94	91	85
2.00	106	101	97	105	100	96	102	98	95	89
2.50	108	103	100	106	102	99	103	100	97	91
3.00	110	106	103	108	104	102	105	102	99	93
4.00	112	109	106	110	107	105	106	104	102	95
5.00	114	111	108	111	109	107	107	105	104	96
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:yanyonggeng
Test Date:2024-8-20

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:0.4688A P:100.2W PF:0.9740 Freq:50.00Hz Lamp Flux:18176.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

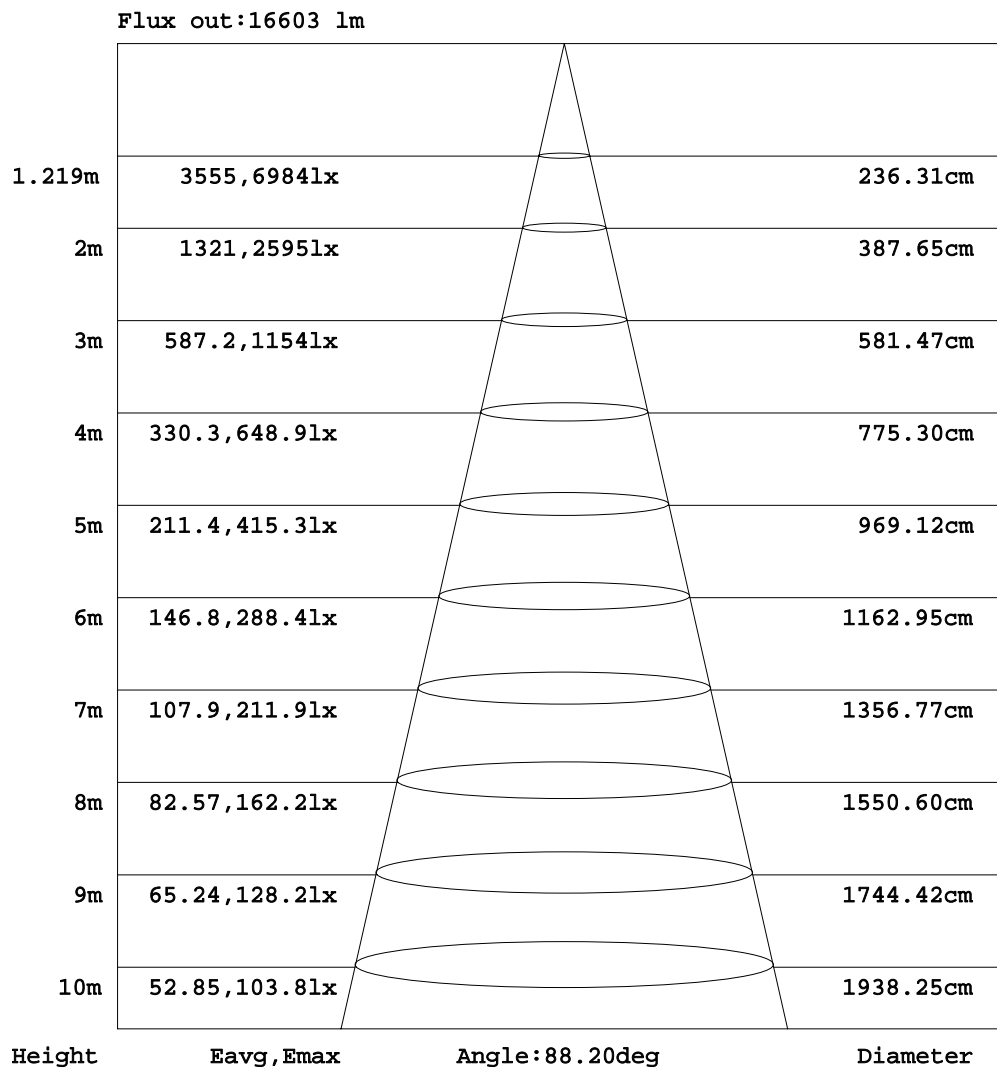


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-20

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:0.4688A P:100.2W PF:0.9740 Freq:50.00Hz Lamp Flux:18176.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



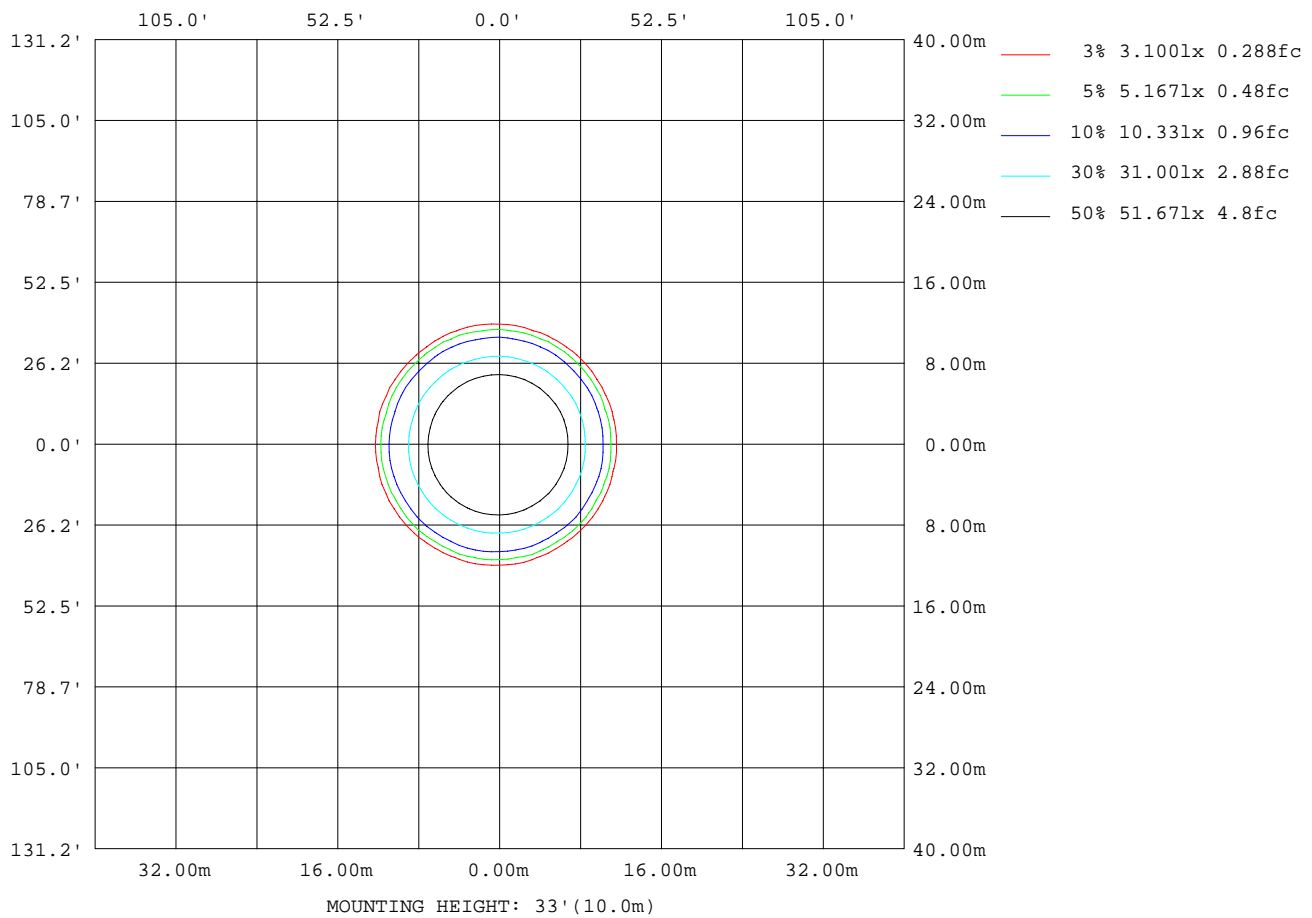
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-20

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:0.4688A P:100.2W PF:0.9740 Freq:50.00Hz Lamp Flux:18176.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-90D-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:2024-8-20

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:0.4688A P:100.2W PF:0.9740 Freq:50.00Hz Lamp Flux:18176.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

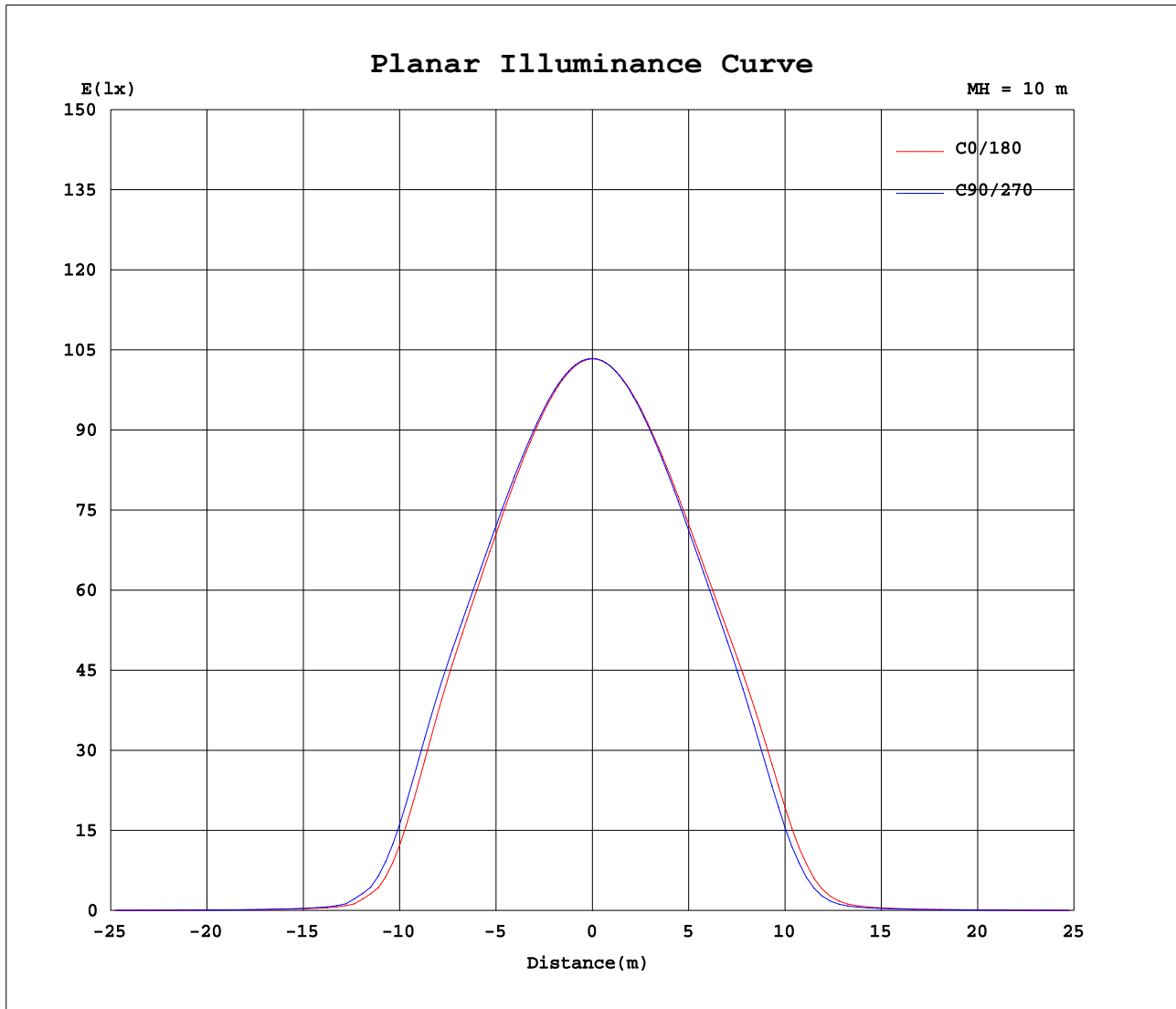
AvgL	cd/m2
L_0~180 (65) av	5044
L_0~180 (75) av	3686
L_0~180 (85) av	1064
L_90~270 (65) av	4931
L_90~270 (75) av	3612
L_90~270 (85) av	998
L_45 (65) av	5041
L_45 (75) av	3606
L_45 (85) av	1018

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-20

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: 2024-8-20

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:0.4688A P:100.2W PF:0.9740 Freq:50.00Hz Lamp Flux:18176.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

Table--1

UNIT: $\times 10\text{cd}$

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035
5	1034	1034	1034	1034	1034	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035	1036	1034	1034
10	1031	1031	1032	1032	1032	1033	1034	1034	1034	1034	1034	1034	1034	1034	1033	1033	1034	1032	1031
15	1025	1026	1026	1028	1028	1029	1030	1031	1032	1032	1032	1032	1031	1031	1030	1029	1030	1027	1027
20	1015	1016	1017	1019	1021	1023	1024	1026	1027	1027	1027	1027	1026	1026	1025	1023	1022	1020	1018
25	997	999	1001	1004	1007	1011	1013	1016	1017	1018	1018	1018	1017	1016	1014	1011	1008	1005	1003
30	962	967	970	976	980	986	990	995	996	999	998	999	998	994	992	987	984	978	975
35	894	903	906	916	922	934	940	949	952	958	958	959	957	952	949	940	935	925	919
40	717	733	736	759	768	792	804	826	833	848	848	855	851	839	834	815	806	784	773
45	346	368	368	401	408	446	456	495	501	534	531	552	547	529	528	496	486	452	440
50	82.0	77.5	89.1	87.7	96.1	104	121	127	130	148	145	157	153	143	145	128	125	121	103
55	23.3	25.3	24.3	26.3	26.4	29.7	29.3	32.1	32.9	35.4	35.1	36.4	35.7	33.9	33.5	31.2	30.3	28.0	28.5
60	14.6	14.7	14.9	15.4	15.7	16.4	17.0	18.0	18.6	19.4	19.4	19.5	19.2	18.6	18.3	17.7	17.2	16.5	16.1
65	10.3	10.4	10.4	10.8	10.9	11.3	11.5	12.1	12.6	13.0	13.1	13.0	12.9	12.5	12.3	12.0	11.9	11.3	11.1
70	7.26	7.35	7.34	7.59	7.50	7.83	8.04	8.39	8.66	9.08	8.97	8.99	8.95	8.62	8.57	8.44	8.33	7.91	7.76
75	4.51	4.53	4.45	4.63	4.40	4.85	5.14	5.30	5.37	5.78	5.60	5.72	5.85	5.58	5.43	5.36	5.28	5.04	5.01
80	1.90	1.85	1.64	1.93	1.59	2.09	2.35	2.42	2.25	2.66	2.46	2.69	2.89	2.75	2.40	2.42	2.33	2.32	2.40
85	0.25	0.24	0.26	0.33	0.31	0.33	0.46	0.43	0.50	0.68	0.60	0.62	0.76	0.54	0.55	0.63	0.53	0.38	0.48
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: 2024-8-20

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:0.4688A P:100.2W PF:0.9740 Freq:50.00Hz Lamp Flux:18176.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:Φ263mm	Shielding Angle:

Table--2

UNIT: ×10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1035	1035	1035	1035	1035														
5	1034	1034	1034	1034	1034														
10	1031	1031	1030	1031	1031														
15	1026	1025	1025	1025	1024														
20	1017	1016	1015	1015	1014														
25	1000	998	996	997	996														
30	970	968	964	965	963														
35	909	905	897	898	894														
40	752	746	728	729	718														
45	406	396	367	369	348														
50	95.9	86.7	88.9	77.8	82.5														
55	25.6	25.8	24.1	25.2	23.1														
60	15.5	15.3	15.0	14.8	14.5														
65	10.7	10.7	10.5	10.5	10.2														
70	7.50	7.52	7.41	7.33	7.14														
75	4.70	4.62	4.51	4.47	4.35														
80	2.08	1.85	1.87	1.66	1.74														
85	0.30	0.33	0.28	0.28	0.19														
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:2024-8-20

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: